AIR QUALITY REPORT

Interstate 10 Corridor Project

San Bernardino and Los Angeles Counties

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STATE OF CALIFORNIA
Department of Transportation

Final Air Quality Report

Interstate 10 Corridor Project

PORTIONS OF SAN BERNARDINO AND LOS ANGELES COUNTIES, CALIFORNIA
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DISTRICT 7 — LA — 10
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ABBREVIATIONS/ACRONYMS

AB ..... Assembly Bill
AQMP ..... Air Quality Management Plan
Cal/EPA ..... California Environmental Protection Agency
Caltrans..... California Department of Transportation
CARB ..... California Air Resources Board
CCAA ..... California Clean Air Act
CEQA..... California Environmental Quality Act
CFR..... Code of Federal Regulations
CO..... Carbon Monoxide
CO_2 ..... Carbon Dioxide
COHb ..... Carboxyhemoglobin
DEIR ..... Draft Environmental Impact Report
DEIS..... Draft Environmental Impact Statement
FCAA ..... Federal Clean Air Act
FHWA ..... Federal Highway Administration
FTA ..... Federal Transit Administration
FTIP ..... Federal Transportation Improvement Program
GHG..... Greenhouse Gases
GP..... General Purpose
HEI ..... Health Effects Institute
HOV ..... High Occupancy Vehicle
LA/SB..... Los Angeles/San Bernardino
LED ..... Light-Emitting Diode
LOS..... Level of Service
MATES IV ..... Multiple Air Toxics Exposure Study IV
MOVES ..... Motor Vehicle Emissions Simulator
MSAT ..... Mobile Source Air Toxic
NAAQS ..... National Ambient Air Quality Standards
NATA ..... National Air Toxics Assessment
NEPA ..... National Environmental Policy Act
NHTSA..... National Highway Traffic Safety Administration
NO..... Nitric Oxide
NO_2 ..... Nitrogen Dioxide
NOA ..... Naturally Occurring Asbestos
NOAA..... National Oceanic and Atmospheric Administration
NO_X ..... Nitrogen Oxides
O_3 ..... Ozone
OSTP ..... Office of Science and Technology Policy
Pb..... Lead
PM..... Particulate Matter
PPM ..... Part Per Million
PPB..... Parts Per Billion
PVC..... Polyvinyl Chloride
ROG..... Reactive Organic Gases
RTIP..... Regional Transportation Improvement Program

RTP ..... Regional Transportation Plan
SANBAG ..... San Bernardino Associated Governments
SCAG ..... Southern California Association of Governments
SCAQMD ..... South Coast Air Management District
SCS ..... Sustainable Communities Strategy
SIP ..... State Implementation Plan
SO_2 ..... Sulfur Dioxide
SRAs ..... Source/Receptor Areas
U.S. DOT ..... U.S. Department of Transportation
U.S. EPA ..... U.S. Environmental Protection Agency
VOC ..... Volatile Organic Compound

1. Executive Summary

The Interstate 10 (I-10) Corridor Project (proposed project) is being undertaken by the California Department of Transportation (Caltrans) in coordination with San Bernardino Association of Governments (SANBAG) and the Federal Highway Administration (FHWA). The proposed project involves two build alternatives. Build Alternative 2 would extend the existing High Occupancy Vehicle (HOV) lane in each direction of I-10 from the current HOV terminus near Haven Avenue in the City of Ontario to Ford Street in the City of Redlands, a distance of approximately 25 miles. Build Alternative 3 would provide two Express Lanes in each direction of I-10 from the Los Angeles/San Bernardino (LA/SB) County Line to California Street (near State Route-210) in the City of Redlands and one Express Lane in each direction from California Street to Ford Street in the City of Redlands, a total of 33 miles. This project is proposed as means of improving mobility and safety, managing congestion along the I-10 corridor, and hence, providing better access for people and goods in the County of San Bernardino.

The purpose of this Air Quality Report is to inform the Draft Environmental Impact Statement (DEIS)/Draft Environmental Impact Report (DEIR) with background information and project-specific analysis related to the proposed project. The air quality analyses have been developed using methodology assumptions that are consistent with the requirements of the National Environmental Policy Act (NEPA), the California Environmental Quality Act (CEQA), and the Clean Air Act Amendments of 1990. The analysis also utilizes guidelines and procedures provided in the applicable air quality analysis protocols such as Transportation Project-Level Carbon Monoxide Protocol; FHWA and the U.S. Environmental Protection Agency (U.S. EPA), Transportation Conformity Guidance for Quantitative Hot-Spot Analyses in $PM_{2.5}$ and PM_{10} Nonattainment and Maintenance Areas, FHWA Interim Guidance Update on Air Toxics Analysis in NEPA documents. The Air Quality Report includes:

- A basic project description;
- Traffic data;
- Regional meteorology and climate;
- Regulatory framework;
- Project area and affected environment, including monitor locations and data, area conformity designations and classifications, and location of sensitive receptors;
- Results of air quality analyses;
- Potential impacts of the project on air quality: direct, indirect, temporary, and permanent;
- Potential avoidance, minimization and/or mitigation measures; and
- Project-level conformity documentation.

The findings of the Air Quality Report are as follows:

Project Operations

- **Regional Conformity** - Alternatives 2 (Project ID 4H01001) and 3 (Project IDs 4122004 and 4122005) are listed in the 2012-2035 financially constrained of the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) Amendment #2. The 2015 Federal Transportation Improvement Program (FTIP) includes Alternative 2 identified by FTIP ID 0C2500. The FTIP does not include Alternative 3, and an amendment will be required if Alternative 3 is selected as the preferred alternative.

- **Project-Level Conformity** - The San Bernardino County portion of the South Coast Air Basin is designated by the U.S. EPA as an extreme nonattainment area for ozone (O_3), a moderate nonattainment area for particles of 2.5 micrometers or smaller ($PM_{2.5}$), unclassified/attainment for lead, and a maintenance area for particles of 10 micrometers or smaller (PM_{10}), carbon monoxide (CO), and nitrogen dioxide (NO_2). The project area is subject to Project-Level Transportation Conformity Assessments for CO and PM. A CO analysis was completed using the Transportation Project-Level Carbon Monoxide Protocol. According to the CO protocol, the proposed project would not be expected to create a CO hot-spot. The proposed project has undergone Interagency Consultation regarding the Project of Air Quality Concern (POAQC) determination. Interagency Consultation participants concurred that the project is not a POAQC on February 23, 2016. Therefore, PM hot-spot analysis is not required.

- **Regional Emissions** - Existing emissions are greater than project emissions for all pollutants except particles PM_{10} in 2025 and 2045, and particles of $PM_{2.5}$ in 2025. Between the two build alternatives, Alternative 2 would generate less regional emissions than Alternative 3.

- **Mobile Source Air Toxics** - Existing Mobile Source Air Toxics (MSAT) emissions, including diesel particulate matter, are significantly greater than 2025 and 2045 emissions despite increases in vehicle volumes. This is due to improvements in engine efficiencies and associated emission rates. Between the two build alternatives, Alternative 2 would generate less MSAT emissions than Alternative 3.

Project Construction

Construction emissions would include fugitive dust and exhaust from equipment, trucks, and worker vehicles. Implementation of the following avoidance, minimization, and/or mitigation measures would reduce fugitive dust air quality emissions resulting from construction activities:

AQ-1 The construction contractor must comply with the California Department of Transportation (Caltrans) Standard Specifications in Section 14-9 (2015).

AQ-2 Section 14-9.02 specifically requires compliance by the contractor with all applicable laws and regulations related to air quality, including air pollution control district and air quality management district regulations and local ordinances.

AQ-3 Section 14-9.03 is directed at controlling dust. If dust palliative materials other than water are to be used, material specifications are described in Section 18.

AQ-4 The construction contractor must comply with South Coast Air Quality Management District (SCAQMD) Rule 403 (Fugitive Dust). Water or dust palliative will be applied to the site and equipment as often as necessary to control fugitive dust emissions. Fugitive emissions generally must meet a “no visible dust” criterion either at the point of emissions or at the right-of-way line depending on local regulations.

AQ-5 Soil binder will be spread on any unpaved roads used for construction purposes, and on all project construction parking areas.

AQ-6 Trucks will be washed as they leave the right-of-way as necessary to control fugitive dust emissions.

AQ-7 A dust control plan will be developed documenting sprinkling, temporary paving, speed limits, and timely revegetation of disturbed slopes as needed to minimize construction impacts to existing communities.

AQ-8 Equipment and materials storage sites will be located as far away from residential and park uses as practicable. Construction areas will be kept clean and orderly.

AQ-9 Track-out reduction measures, such as gravel pads at project access points to minimize dust and mud deposits on roads affected by construction traffic, will be used.

AQ-10 All transported loads of soils and wet materials will be covered before transport, or adequate freeboard (space from the top of the material to the top of the truck) will be provided to minimize emission of dust (particulate matter) during transportation.

AQ-11 Dust and mud that are deposited on paved, public roads due to construction activity and traffic will be promptly and regularly removed to decrease particulate matter.

AQ-12 Mulch will be installed or vegetation planted as soon as practical after grading to reduce windblown particulate in the area. Be aware that certain methods of mulch placement, such as straw blowing, may themselves cause dust and visible emission issues and may need to use controls such as dampened straw. Hydroseeding may be used as alternative to mulch.

The following mitigation measures will be implemented to reduce exhaust emissions:

AQ-13 Construction equipment and vehicles will be properly tuned and maintained. All construction equipment will use low sulfur fuel as required by California Code of Regulations Title 17, Section 93114.

AQ-14 Environmentally Sensitive Areas or their equivalent will be established within 1,000 feet of sensitive air receptors. Within these areas, construction activities involving the extended idling of diesel equipment or vehicles will be prohibited, to the extent feasible.

AQ-15 To the extent feasible, construction traffic will be scheduled and routed to reduce congestion and related air quality impacts caused by idling vehicles along local roads during peak travel times.

AQ-16 Under the California Air Resources Board (CARB) idling emissions rule, 2008 and newer model year heavy-duty diesel engines will be equipped with a non-programmable engine shutdown system that automatically shuts down the engine after five minutes of idling, or optionally meet a stringent nitrogen oxides (NO_X) idling emission standard. This rule applies to diesel-fueled commercial motor vehicles that operate in the State of California with gross vehicular weight ratings of greater than 10,000 pounds that are or must be licensed for operation on highways.

AQ-17 To the extent feasible, all construction signal/message boards shall be solar powered.

AQ-18 To the extent feasible, electricity shall be obtained from power poles rather than temporary diesel or gasoline generators.

2. PROPOSED PROJECT

2.1. INTRODUCTION

Caltrans, FHWA, and SANBAG have initiated a DEIS/DEIR for the proposed project. The purpose of this Air Quality Report is to evaluate the potential for impacts of the proposed project.

2.2. PROJECT LOCATION AND SETTING

Figures 2-1 and **2-2** show the regional and local project location, respectively, which includes a 33-mile stretch of I-10 from the LA/SB County Line to Ford Street in San Bernardino County. The project limits including transition areas extend from approximately 0.4 miles west of White Avenue in the City of Pomona at Post-Mile 44.9 to Live Oak Canyon Road in the City of Yucaipa at Post-Mile 37.0.

2.3. PROJECT PURPOSE AND NEED

Purpose

Improve traffic operations on the I-10 freeway in San Bernardino County in order to reduce congestion, increase throughput and enhance trip reliability for the planning design year of 2045. The objectives of the project are to:

- Reduce volume-to-capacity (v/c) ratios along the corridor;
- Improve travel times within the corridor;
- Provide a facility that is compatible with transit and other modal options;
- Provide consistency with the Southern California Association of Governments (SCAG) RTP/SCS;
- Provide a cost effective project solution; and
- Minimize environmental impacts and right of way acquisition.

Need

Deficiencies of I-10 within the project limits are summarized below:

- Substantial portions of the I-10 mainline general purpose (GP) lanes peak-period traffic demand currently exceeds capacity;
- Nearly all of the I-10 mainline GP lanes are projected to exceed capacity in future years; and
- The I-10 existing mainline HOV lanes operation is degraded during peak-periods.

SOURCE: GeoEye Arial Imagery 2013; Cal-Atlas 2013, U.S. DOE 2013; Parsons 2013.

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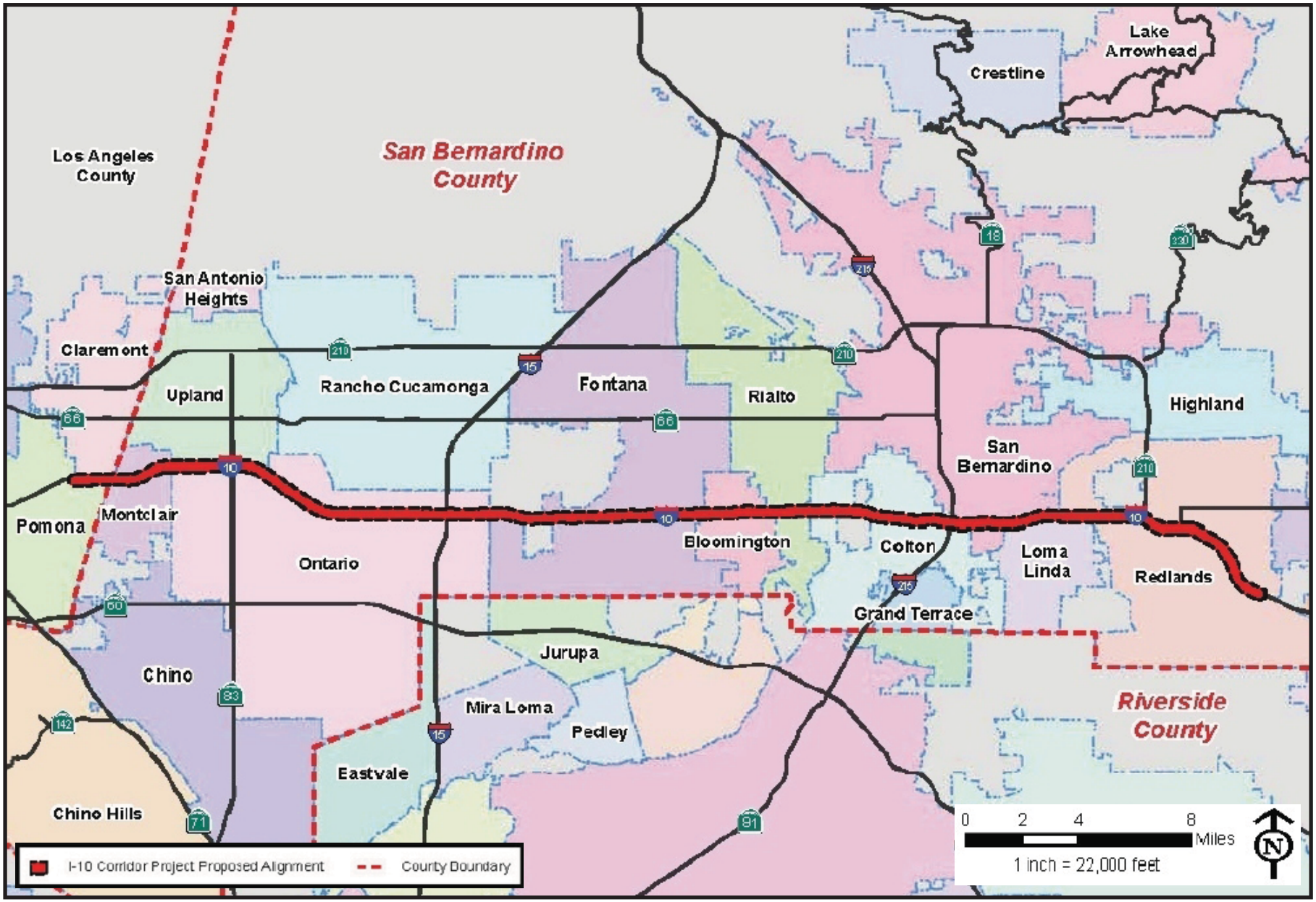
FIGURE 2-1

REGIONAL PROJECT LOCATION MAP



SOURCE: GeoEye Arial Imagery 2013; Cal-Atlas 2013, U.S. DOE 2013; Parsons 2013.

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FIGURE 2-2

LOCAL PROJECT LOCATION MAP

2.4. Project Description

This environmental analysis evaluates a No Build Alternative and two build alternatives.

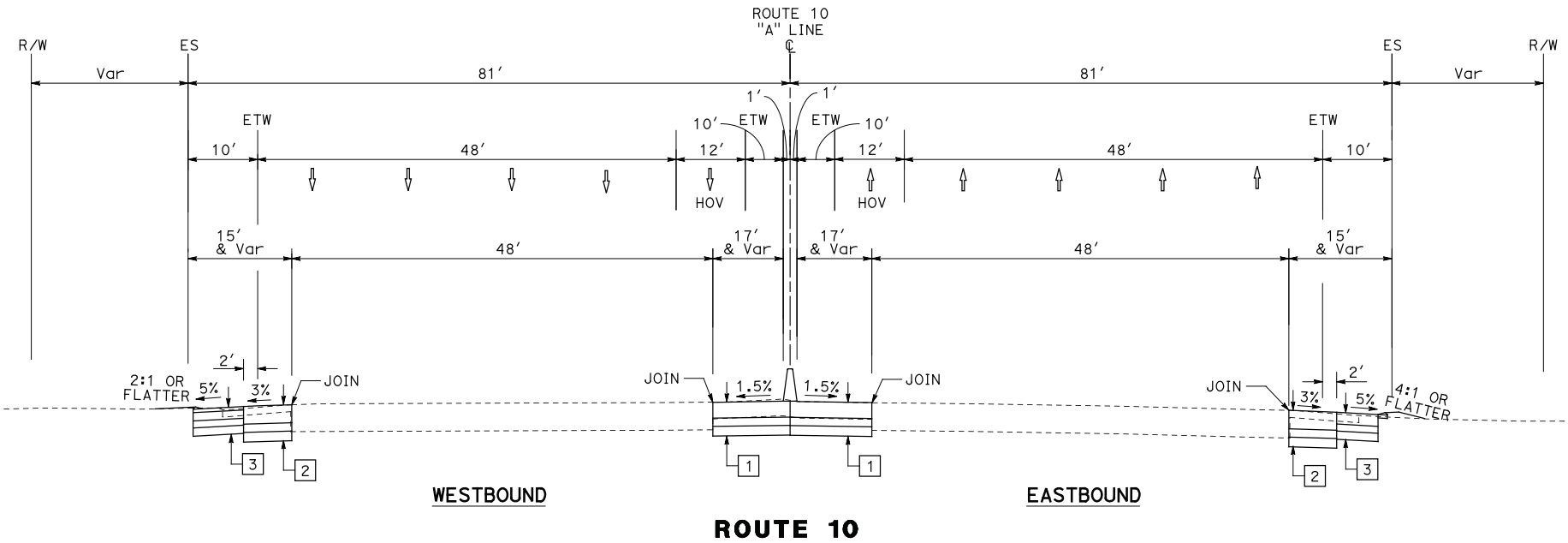
Alternative 1 - No Build Alternative: Alternative 1 (No Build) would maintain the existing lane configuration of I-10 within the proposed project limits with no additional mainline GP lanes or associated improvements to be provided.

Alternative 2 - One HOV in Each Direction: Alternative 2 would extend the existing HOV lane in each direction of I-10 from the current HOV terminus near Haven Avenue in the City of Ontario to Ford Street in the City of Redlands. A typical cross-section is shown in **Figure 2-3**.

Alternative 3 - Two Express Lanes in Each Direction: Alternative 3 would provide two Express Lanes in each direction of the I-10 freeway from the LA/SB County Line to California Street (near State Route-210) in the City of Redlands and one Express Lane in each direction from California Street to Ford Street in the City of Redlands. A typical cross-section is shown in **Figure 2-4**. The Express Lanes would be priced managed lanes in which vehicles not meeting the minimum occupancy requirement would pay a toll. West of Haven Avenue, a single new lane would be constructed and combined with the existing HOV lane to provide two Express Lanes in each direction; east of Haven Avenue, all Express Lanes would be constructed by the proposed project.

2.5. Traffic Data

Emission estimations in this Air Quality Report are based on traffic data prepared specifically for the proposed project by Parsons Corporation (Parsons). **Tables 2-1** through **2-14** represent the I-10 average daily traffic, truck percentages, truck volumes, vehicle speeds, level of service (LOS), for mainlines, HOV, and express lanes by segment for the three alternatives and analysis years 2025 (Opening Year) and 2045 (Horizon Year).



SOURCE: Parsons, 2015

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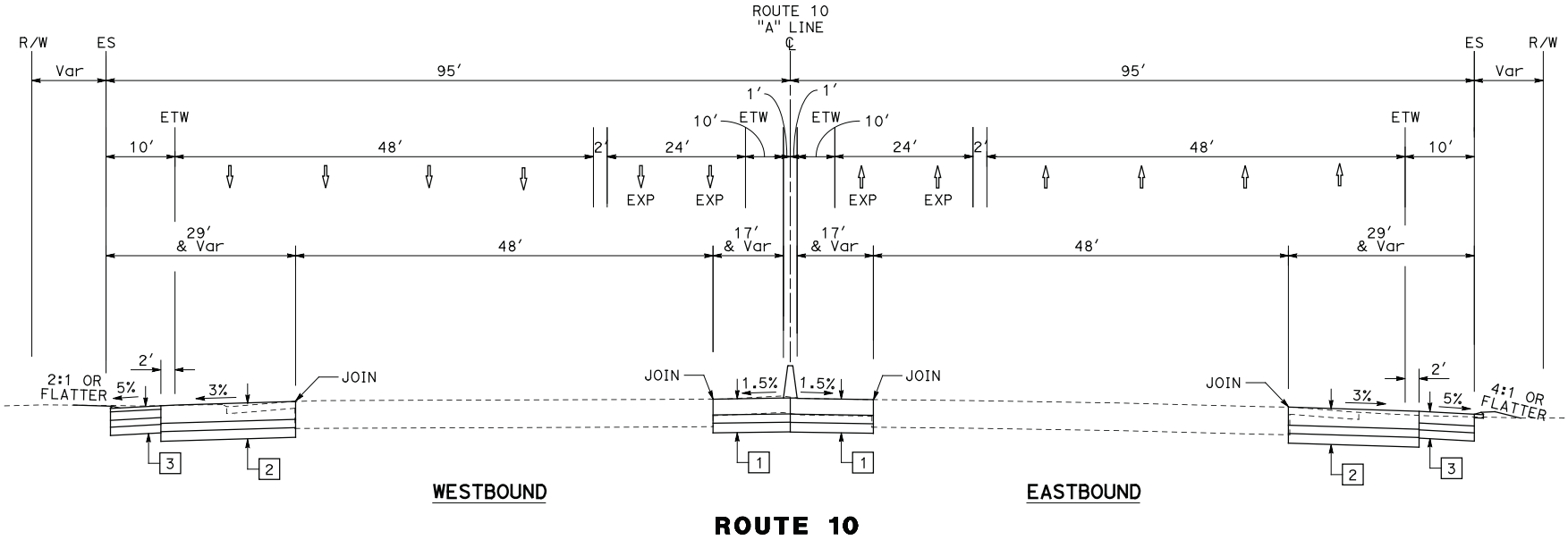
FIGURE 2-3

TYPICAL CROSS-SECTION
FOR ALTERNATIVE 2



SOURCE: Parsons, 2015

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FIGURE 2-4

TYPICAL CROSS-SECTION
FOR ALTERNATIVE 3

TABLE 2-1. EXISTING DAILY TRAFFIC VOLUMES - YEAR 2012 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
LA County Line to Monte Vista Ave Off-Ramp	102,070	15%	15,179	55	C	22,263	3,889	26,152
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	94,333	16%	14,940	57	B	53,702	10,105	63,807
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	99,709	15%	15,249	60	B	2,465	445	2,910
Central Ave Off-Ramp to Central Ave On-Ramp	89,534	17%	14,911	58	B	42,683	8,529	51,212
Central Ave On-Ramp to Mountain Ave Off-Ramp	97,547	16%	15,186	60	B	17,130	3,158	20,288
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	85,336	17%	14,815	59	B	44,955	9,444	54,399
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	96,084	16%	15,192	57	C	38,665	7,261	45,927
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	83,399	18%	14,723	59	B	44,319	9,501	53,820
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	90,642	17%	14,985	58	B	38,747	7,674	46,421
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	77,853	18%	14,361	60	A	36,452	8,245	44,697
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	86,027	17%	14,525	59	B	23,528	4,780	28,307
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	78,138	17%	13,536	60	A	15,794	3,309	19,103
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	88,436	16%	13,824	63	A	14,354	2,659	17,014
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	81,740	16%	13,264	62	A	23,178	4,490	27,668
Holt Blvd On-Ramp to Archibald Ave On-Ramp	97,225	15%	14,226	60	B	32,378	5,550	37,928
Archibald Ave On-Ramp to Haven Ave Off-Ramp	92,759	16%	14,489	60	B	17,469	3,234	20,703
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	83,960	16%	13,607	59	B	29,266	5,660	34,926
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	133,773	10%	13,750	53	D	37,472	4,293	41,765
Haven Ave On-Ramp to Milliken Ave Off-Ramp	140,247	10%	14,100	56	C	28,271	3,160	31,431
Milliken Ave Off-Ramp to Milliken Ave Loop On-Ramp	125,589	10%	13,081	54	C	59,664	6,937	66,601
Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp	133,811	10%	13,536	57	C	6,388	719	7,107
I-15 NB Off-Ramp to I-15 SB Off-Ramp	105,216	9%	9,703	58	B	23,718	2,409	26,127
I-15 SB Off-Ramp to I-15 NB On-Ramp	89,607	9%	8,340	58	B	56,810	5,830	62,640
I-15 NB On-Ramp to I-15 SB On-Ramp	105,034	9%	9,311	53	C	20,739	2,017	22,756
I-15 SB On-Ramp to Etiwanda Ave Off-Ramp	108,008	9%	9,389	58	B	13,882	1,322	15,204
Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp	101,599	8%	8,457	59	C	119,178	10,821	130,000
Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp	106,120	8%	8,748	58	C	90,025	8,088	98,112
Cherry Ave Off-Ramp to Cherry Ave On-Ramp	94,003	8%	7,649	60	B	52,606	4,659	57,265
Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citrus Ave in Existing)	105,147	8%	8,168	58	C	34,570	2,912	37,481
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	96,233	8%	7,844	60	C	47,354	4,202	51,556
Citrus Ave On-Ramp to Sierra Ave Off-Ramp	103,983	8%	8,176	59	B	44,889	3,831	48,720

TABLE 2-1. EXISTING DAILY TRAFFIC VOLUMES - YEAR 2012 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	87,450	9%	7,547	59	B	50,933	4,811	55,743
Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar Ave in Existing)	98,803	8%	7,751	57	C	28,164	2,398	30,561
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	89,054	8%	7,285	59	B	69,406	6,183	75,589
Cedar Ave On-Ramp to Riverside Ave Off-Ramp	95,649	8%	7,472	57	B	70,142	5,943	76,085
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	85,340	8%	6,917	61	B	45,240	3,990	49,230
Riverside Ave On-Ramp to Pepper Ave Off-Ramp	93,231	8%	7,143	58	B	17,180	1,425	18,606
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	87,075	8%	6,969	59	B	52,846	4,598	57,444
Pepper Ave On-Ramp to Rancho Ave Off-Ramp	91,992	8%	7,043	58	B	22,135	1,835	23,970
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	86,091	8%	6,719	59	B	55,417	4,691	60,108
Rancho Ave On-Ramp to La Cadena Dr Off-Ramp	89,486	8%	6,813	59	B	14,846	1,223	16,070
La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th St On-Ramp	83,809	8%	6,531	60	B	40,910	3,458	44,367
La Cadena Dr/9th St On-Ramp to Mt Vernon Ave Off-Ramp	87,742	8%	6,588	61	A	2,278	185	2,462
Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ramp	83,706	8%	6,450	61	A	46,797	3,907	50,704
Mt Vernon Ave On-Ramp to I-215 Off-Ramp	86,907	7%	6,510	60	A	3,892	315	4,207
I-215 Off-Ramp to I-215 NB On-Ramp	75,344	8%	6,042	60	A	65,276	5,691	70,967
I-215 NB On-Ramp to I-215 SB On-Ramp	106,669	7%	7,670	58	B	10,852	841	11,692
I-215 SB On-Ramp to Redlands Blvd Off-Ramp	130,231	7%	9,310	58	C	15,658	1,206	16,863
Redlands Blvd Off-Ramp to Waterman Ave Off-Ramp	118,453	8%	8,904	56	C	11,908	968	12,876
Waterman Ave Off-Ramp to Waterman Ave On-Ramp	113,371	8%	8,722	52	D	66,085	5,508	71,593
Waterman Ave On-Ramp to Anderson St Off-Ramp	118,714	7%	8,849	56	C	31,039	2,500	33,539
Anderson St Off-Ramp to Anderson St On-Ramp	108,325	8%	8,461	53	C	79,273	6,716	85,989
Anderson St On-Ramp to Mountain View Ave Off-Ramp	112,216	8%	8,495	56	D	21,580	1,767	23,348
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	103,815	8%	8,158	58	C	75,610	6,449	82,059
Mountain View Ave On-Ramp to California St Off-Ramp	112,390	7%	8,342	55	D	19,098	1,531	20,630
California St Off-Ramp to California St On-Ramp	105,504	8%	7,984	57	C	82,067	6,718	88,785
California St On-Ramp to Alabama St Off-Ramp	109,161	7%	8,059	60	C	17,769	1,416	19,185
Alabama St Off-Ramp to SR-210 NB Off-Ramp	100,053	8%	7,731	61	B	36,148	3,027	39,175
SR-210 NB Off-Ramp to Tennessee St Off-Ramp	87,758	8%	7,358	60	B	14,201	1,300	15,501
Tennessee St Off-Ramp to Tennessee St On-Ramp	78,297	9%	7,008	59	A	45,855	4,508	50,363
Tennessee St On-Ramp to SR-210 SB On-Ramp	82,837	9%	7,084	59	B	15,030	1,406	16,436
SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ramp	105,791	9%	9,610	57	C	4,867	486	5,353
Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Ramp	93,099	10%	9,300	55	C	82,491	9,155	91,646

TABLE 2-1. EXISTING DAILY TRAFFIC VOLUMES - YEAR 2012 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Pearl Ave On-Ramp to University St Off-Ramp	97,519	10%	9,386	53	C	26,195	2,790	28,985
University St Off-Ramp to Cypress Ave On-Ramp	80,668	11%	9,067	57	B	56,959	7,213	64,172
Cypress Ave On-Ramp to Ford St Off-Ramp	83,904	11%	9,102	59	B	34,243	4,167	38,410
Ford St Off-Ramp to Redlands Blvd On-Ramp	76,900	12%	8,982	61	B	44,153	5,839	49,993
Redlands Blvd On-Ramp to Wabash Ave On-Ramp	80,770	11%	9,026	13	B	15,999	2,013	18,012
HIGH OCCUPANCY VEHICLES LANES								
LA County Line to Monte Vista Ave Off-Ramp	28,081	0%	0	40	C	7,195	0	7,195
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	28,081	0%	0	40	C	18,994	0	18,994
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	28,081	0%	0	40	C	820	0	820
Central Ave Off-Ramp to Central Ave On-Ramp	28,081	0%	0	40	C	16,062	0	16,062
Central Ave On-Ramp to Mountain Ave Off-Ramp	28,081	0%	0	40	C	5,840	0	5,840
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	29,936	0%	0	39	C	19,083	0	19,083
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	29,936	0%	0	39	C	14,309	0	14,309
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	29,936	0%	0	39	C	19,319	0	19,319
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	29,936	0%	0	39	C	15,331	0	15,331
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	33,348	0%	0	35	D	19,146	0	19,146
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	33,348	0%	0	35	D	10,973	0	10,973
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	33,348	0%	0	35	D	8,153	0	8,153
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	33,956	0%	0	42	D	6,533	0	6,533
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	33,956	0%	0	42	D	11,494	0	11,494
Holt Blvd On-Ramp to Archibald Ave On-Ramp	33,956	0%	0	32	D	13,247	0	13,247
Archibald Ave On-Ramp to Haven Ave Off-Ramp	42,694	0%	0	22	F	9,529	0	9,529
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	42,694	0%	0	22	F	17,760	0	17,760

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-2. EXISTING DAILY TRAFFIC VOLUMES - YEAR 2012 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
Wabash Ave Off-Ramp to Redlands Blvd/Ford St Off-Ramp	74,977	9%	7,094	35	D	5,761	55,121	60,882
Redlands Blvd/Ford St Off-Ramp to Ford St On-Ramp	71,170	10%	7,052	37	D	5,510	50,091	55,600
Ford St On-Ramp to Cypress Ave Off-Ramp	78,944	9%	7,185	41	C	3,580	35,760	39,340
Cypress Ave Off-Ramp to University St On-Ramp	76,743	9%	7,160	59	C	5,363	52,123	57,486
University St On-Ramp to 6th St Off-Ramp	92,242	8%	7,486	58	C	2,840	32,158	34,998
6th St Off-Ramp to Orange St Loop On-Ramp	86,924	8%	7,375	59	C	3,112	33,569	36,681
Orange St Loop On-Ramp to Orange St On-Ramp	97,187	8%	7,551	61	C	2,828	33,577	36,405
Orange St On-Ramp to SR-210 NB Off-Ramp	102,508	8%	7,729	60	C	1,333	16,345	17,678
SR-210 Off-Ramp to Tennessee Off-Ramp	79,730	7%	5,320	60	C	1,418	19,832	21,250
Tennessee St Off-Ramp to Alabama St Off-Ramp	77,496	7%	5,286	61	C	922	12,601	13,523
Alabama St Off-Ramp to SR-210 SB On-Ramp	75,603	7%	5,245	62	B	4,106	55,082	59,188
SR-210 SB On-Ramp to Alabama St On-Ramp	85,895	6%	5,428	63	C	1,417	21,005	22,423
Alabama St On-Ramp to California St Off-Ramp	103,689	6%	6,041	62	C	735	11,880	12,615
California St Off-Ramp to California St On-Ramp	100,530	6%	5,971	60	D	5,147	81,505	86,652
California St On-Ramp to Mountain View Ave Off-Ramp	108,089	6%	6,342	59	D	1,221	19,581	20,801
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	101,676	6%	6,222	60	D	5,156	79,102	84,258
Mountain View Ave On-Ramp to Tippecanoe Ave Off-Ramp	110,477	6%	6,573	59	D	1,359	21,479	22,838
Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-Ramp	104,965	6%	6,492	56	D	4,918	74,597	79,515
Tippecanoe Ave On-Ramp to Hospitality Ln/ Carnegie Dr Off-Ramp	114,205	6%	6,759	59	C	754	11,982	12,736
Hospitality Ln/Carnegie Dr Off-Ramp to Hospitality Ln/Carnegie Dr On-Ramp	107,678	6%	6,605	56	D	3,143	48,095	51,238
Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB Off-Ramp	114,881	6%	6,980	58	C	1,967	30,405	32,372
I-215 NB Off-Ramp to Sunwest Ln On-Ramp	72,296	6%	4,445	61	B	3,123	47,670	50,793
Sunwest Ln On-Ramp to I-215 NB On-Ramp	78,756	6%	4,622	60	B	967	15,513	16,480
I-215 NB On-Ramp to I-215 SB On-Ramp	81,028	6%	4,670	60	C	854	13,969	14,823
I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Ramp	97,006	5%	5,226	60	C	968	17,002	17,970
Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave On-Ramp	93,876	5%	5,159	59	C	3,747	64,442	68,190
Mt Vernon Ave On-Ramp to 9th St Off-Ramp	99,683	5%	5,374	61	C	249	4,369	4,618
9th St Off-Ramp to La Cadena Dr On-Ramp	94,720	6%	5,281	59	C	3,272	55,407	58,679
La Cadena Dr On-Ramp to Rancho Ave Off-Ramp	99,470	6%	5,479	58	C	483	8,281	8,763
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	95,881	6%	5,392	59	C	3,150	52,860	56,010
Rancho Ave On-Ramp to Pepper Ave Off-Ramp	101,480	6%	6,053	58	D	2,522	39,760	42,282

TABLE 2-2. EXISTING DAILY TRAFFIC VOLUMES - YEAR 2012 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	95,258	6%	5,962	59	C	3,545	53,101	56,647
Pepper Ave On-Ramp to Riverside Ave Off-Ramp	101,659	6%	6,270	58	D	1,067	16,240	17,307
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	92,778	7%	6,033	62	C	3,561	51,195	54,756
Riverside Ave On-Ramp to Cedar Ave Off-Ramp	103,589	6%	6,488	58	D	5,532	82,792	88,324
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	94,912	7%	6,267	59	C	4,553	64,403	68,956
Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra Ave in existing)	102,688	6%	6,644	58	D	3,481	50,317	53,798
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	93,115	7%	6,506	59	C	4,489	59,753	64,242
Sierra Ave On-Ramp to Citrus Ave Off-Ramp	105,636	7%	7,051	60	C	2,748	38,418	41,165
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	97,875	7%	6,763	59	C	3,646	49,112	52,758
Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in existing)	108,595	7%	7,171	60	D	2,999	42,416	45,415
Cherry Off-Ramp to Cherry On-Ramp	99,385	7%	6,765	61	C	3,724	50,981	54,705
Cherry On-Ramp to Etiwanda Ave Off-Ramp	113,496	7%	8,016	59	D	10,164	133,744	143,908
Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-Ramp	106,789	7%	7,683	60	D	5,217	67,300	72,517
Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-Ramp	113,764	8%	8,600	54	D	2,238	27,374	29,613
Etiwanda Ave On-Ramp to I-15 Off-Ramp	114,445	8%	8,717	58	D	1,160	14,070	15,230
I-15 Off-Ramp to I-15 SB On-Ramp	92,267	8%	7,574	58	C	7,904	88,388	96,292
I-15 SB On-Ramp to I-15 NB On-Ramp	118,165	8%	9,558	57	D	1,271	14,441	15,712
I-15 NB On-Ramp to Milliken Ave Off-Ramp	133,649	8%	11,185	58	D	231	2,529	2,760
Milliken Ave Off-Ramp to Milliken Ave On-Ramp	125,026	9%	10,798	56	D	6,267	66,295	72,562
Milliken Ave On-Ramp to Haven Ave Off-Ramp	134,279	9%	11,613	54	D	2,899	30,621	33,520
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	82,029	14%	11,270	59	C	4,635	29,100	33,735
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	85,625	14%	11,719	59	C	3,383	21,337	24,720
Haven Ave On-Ramp to Archibald Ave Off-Ramp	91,088	13%	12,097	60	C	3,307	21,591	24,897
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	87,420	14%	11,879	61	C	3,855	24,512	28,366
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	75,929	14%	10,946	62	C	6,848	40,655	47,503
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	83,610	14%	11,592	63	B	1,774	11,019	12,793
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	77,801	15%	11,367	62	C	4,110	24,021	28,131
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	82,539	15%	12,298	60	C	2,340	13,367	15,708
Vineyard Ave On-Ramp to 4th St Off-Ramp	87,908	14%	12,446	59	C	4,529	27,459	31,988
4th St Off-Ramp to 4th St On-Ramp	79,137	15%	12,260	60	C	6,555	35,757	42,312
4th St On-Ramp to 7th St Off-Ramp	86,996	15%	12,644	59	C	8,188	48,148	56,337
7th St Off-Ramp to Euclid Ave Loop On-Ramp	79,038	16%	12,393	60	C	4,937	26,552	31,489

TABLE 2-2. EXISTING DAILY TRAFFIC VOLUMES - YEAR 2012 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	86,447	15%	12,623	59	C	4,533	26,511	31,043
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	96,077	13%	12,893	58	D	5,453	35,181	40,634
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	86,959	14%	12,496	59	C	8,293	49,419	57,712
Mountain Ave On-Ramp to Central Ave Off-Ramp	97,356	13%	12,858	58	D	3,528	23,187	26,715
Central Ave Off-Ramp to Central Ave On-Ramp	85,809	15%	12,543	59	C	6,604	38,571	45,175
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	98,068	13%	12,825	60	C	647	4,301	4,948
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	93,535	13%	12,540	58	C	7,022	45,355	52,377
HIGH OCCUPANCY VEHICLES LANES								
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	34,468	0%	0	32	D	0	14,175	14,175
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	34,468	0%	0	32	D	0	9,951	9,951
Haven Ave On-Ramp to Archibald Ave Off-Ramp	34,681	0%	0	32	D	0	9,480	9,480
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	25,868	0%	0	49	C	0	8,394	8,394
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	25,868	0%	0	49	C	0	16,183	16,183
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	25,868	0%	0	49	C	0	3,958	3,958
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	25,868	0%	0	49	C	0	9,353	9,353
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	26,350	0%	0	43	C	0	5,015	5,015
Vineyard Ave On-Ramp to 4th St Off-Ramp	26,350	0%	0	43	C	0	9,588	9,588
4th St Off-Ramp to 4th St On-Ramp	26,350	0%	0	43	C	0	14,089	14,089
4th St On-Ramp to 7th St Off-Ramp	26,350	0%	0	43	C	0	17,064	17,064
7th St Off-Ramp to Euclid Ave Loop On-Ramp	28,027	0%	0	40	D	0	11,166	11,166
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	28,027	0%	0	40	D	0	10,065	10,065
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	28,027	0%	0	40	D	0	11,854	11,854
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	28,027	0%	0	40	D	0	18,601	18,601
Mountain Ave On-Ramp to Central Ave Off-Ramp	28,027	0%	0	40	D	0	7,691	7,691
Central Ave Off-Ramp to Central Ave On-Ramp	30,851	0%	0	38	D	0	16,242	16,242
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	30,851	0%	0	38	D	0	1,557	1,557
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	30,851	0%	0	38	D	0	17,276	17,276

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-3. ALTERNATIVE 1 (NO-BUILD) DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
LA County Line to Monte Vista Ave Off-Ramp	127,001	12%	14,925	50	D	3,824	28,716	32,540
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	118,158	12%	14,611	54	D	9,883	70,039	79,922
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	125,276	12%	14,976	58	C	437	3,220	3,657
Central Ave Off-Ramp to Central Ave On-Ramp	114,784	13%	14,579	55	C	8,339	57,316	65,654
Central Ave On-Ramp to Mountain Ave Off-Ramp	124,762	12%	14,896	58	C	3,098	22,850	25,948
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	112,846	13%	14,556	57	C	4,991	33,701	38,692
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	124,458	12%	15,037	52	D	7,187	52,301	59,489
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	110,982	13%	14,573	56	C	9,405	62,216	71,621
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	119,658	12%	14,857	54	D	7,605	53,648	61,253
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	103,132	14%	14,235	58	C	2,449	15,293	17,742
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	115,333	13%	14,516	56	C	4,776	33,174	37,951
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	106,547	13%	13,712	57	C	3,352	22,697	26,049
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	118,125	12%	14,041	61	C	2,701	20,024	22,725
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	106,771	13%	13,387	60	C	4,531	31,610	36,141
Holt Blvd On-Ramp to Archibald Ave On-Ramp	125,439	12%	14,512	56	C	5,661	43,273	48,934
Archibald Ave On-Ramp to Haven Ave Off-Ramp	125,866	12%	14,720	56	C	3,285	24,806	28,092
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	113,897	12%	13,769	54	C	5,728	41,652	47,379
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	145,444	10%	13,981	50	D	4,365	41,044	45,409
Haven Ave On-Ramp to Milliken Ave Off-Ramp	150,260	10%	14,398	54	D	3,227	30,448	33,675
Milliken Ave Off-Ramp to Milliken Ave Loop On-Ramp	135,597	10%	13,326	52	D	7,067	64,841	71,908
Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp	145,524	10%	14,004	55	C	744	6,986	7,730
I-15 NB Off-Ramp to I-15 SB Off-Ramp	115,145	8%	8,790	57	C	2,183	26,410	28,592
I-15 SB Off-Ramp to I-15 NB On-Ramp	97,145	8%	7,488	57	B	2,297	27,498	29,795
I-15 NB On-Ramp to I-15 SB On-Ramp	117,159	7%	8,383	59	B	1,816	23,567	25,383
I-15 SB On-Ramp to Etiwanda Ave Off-Ramp	120,391	7%	8,506	56	C	1,197	15,750	16,947
Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp	114,715	7%	7,638	56	D	9,773	137,009	146,782
Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp	118,978	7%	7,946	60	C	7,346	102,649	109,995
Cherry Ave Off-Ramp to Cherry Ave On-Ramp	102,157	7%	6,680	59	C	4,069	58,163	62,232
Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citrus Ave in existing)	116,192	6%	7,334	60	C	2,614	38,804	41,418
Beach Ave Off-Ramp to Beach Ave On-Ramp (Future)	110,785	6%	7,009	61	C	4,439	65,723	70,162
Beach Ave On-Ramp to Citrus Ave Off-Ramp (Future)	115,758	6%	7,237	60	C	3,243	48,631	51,874

TABLE 2-3. ALTERNATIVE 1 (NO-BUILD) DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	107,305	7%	7,008	58	C	3,754	53,733	57,487
Citrus Ave On-Ramp to Sierra Ave Off-Ramp	114,498	6%	7,221	58	C	3,383	50,263	53,647
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	95,396	7%	6,466	58	B	4,121	56,687	60,808
Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar Ave in existing)	107,164	6%	6,656	59	B	2,059	31,089	33,147
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	107,164	6%	6,656	59	B	2,467	37,246	39,713
Alder Ave On-Ramp to Cedar Ave Off-Ramp (Future)	107,164	6%	6,656	59	B	3,322	50,167	53,489
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	93,449	6%	6,014	58	B	5,105	74,214	79,319
Cedar Ave On-Ramp to Riverside Ave Off-Ramp	101,860	6%	6,249	60	B	4,971	76,055	81,026
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	91,992	6%	5,822	61	B	3,358	49,709	53,068
Riverside Ave On-Ramp to Pepper Ave Off-Ramp	102,442	6%	6,132	60	B	1,224	19,220	20,444
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	93,660	6%	5,874	59	B	3,875	57,914	61,789
Pepper Ave On-Ramp to Rancho Ave Off-Ramp	99,306	6%	5,983	61	B	1,559	24,317	25,876
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	99,306	6%	5,983	58	C	2,465	38,453	40,918
Rancho Ave On-Ramp to La Cadena Dr Off-Ramp	102,275	6%	6,036	60	B	1,084	17,282	18,366
La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th St On-Ramp	95,784	6%	5,727	58	B	3,032	47,674	50,706
La Cadena Dr/9th St On-Ramp to Mt Vernon Ave Off-Ramp	100,374	6%	5,805	60	B	163	2,654	2,817
Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ramp	94,769	6%	5,610	61	B	3,398	54,007	57,405
Mt Vernon Ave On-Ramp to I-215 Off-Ramp	98,492	6%	5,687	60	B	275	4,492	4,768
I-215 Off-Ramp to I-215 NB On-Ramp	82,173	6%	4,951	60	A	4,663	72,737	77,400
I-215 NB On-Ramp to I-215 SB On-Ramp	118,375	6%	6,930	57	C	760	12,216	12,975
I-215 SB On-Ramp to Redlands Blvd Off-Ramp	146,266	6%	8,468	57	C	1,096	17,843	18,940
Redlands Blvd Off-Ramp to Waterman Ave Off-Ramp	132,904	6%	7,994	54	D	869	13,578	14,447
Waterman Ave Off-Ramp to Waterman Ave On-Ramp	126,485	6%	7,684	49	D	4,852	75,022	79,874
Waterman Ave On-Ramp to Anderson St Off-Ramp	132,404	6%	7,848	55	D	2,217	35,189	37,407
Anderson St Off-Ramp to Anderson St On-Ramp	120,752	6%	7,374	51	D	2,980	45,815	48,795
Anderson St On-Ramp to Mountain View Ave Off-Ramp	124,817	6%	7,401	60	C	1,540	24,429	25,969
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	114,160	6%	6,965	58	C	5,506	84,730	90,235
Mountain View Ave On-Ramp to California St Off-Ramp	124,860	6%	7,209	59	C	1,323	21,595	22,919
California St Off-Ramp to California St On-Ramp	115,805	6%	6,767	56	D	5,695	91,759	97,454
California St On-Ramp to Alabama St Off-Ramp	120,925	6%	6,863	59	C	1,206	20,047	21,253
Alabama St Off-Ramp to SR-210 NB Off-Ramp	109,815	6%	6,467	61	B	2,532	40,465	42,997
SR-210 NB Off-Ramp to Tennessee St Off-Ramp	94,446	6%	6,000	60	B	1,060	15,622	16,682

TABLE 2-3. ALTERNATIVE 1 (NO-BUILD) DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Tennessee St Off-Ramp to Tennessee St On-Ramp	83,042	7%	5,513	60	A	3,546	49,869	53,415
Tennessee St On-Ramp to SR-210 SB On-Ramp	88,751	6%	5,608	58	B	1,113	16,497	17,609
SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ramp	111,640	7%	8,261	57	C	418	5,231	5,649
Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Ramp	98,013	8%	7,891	54	C	3,399	38,822	42,221
Pearl Ave On-Ramp to University St Off-Ramp	103,218	8%	7,991	58	B	2,375	28,304	30,679
University St Off-Ramp to Cypress Ave On-Ramp	91,111	8%	7,739	56	C	6,156	66,323	72,479
Cypress Ave On-Ramp to Ford St Off-Ramp	93,447	8%	7,768	61	B	3,556	39,223	42,778
Ford St Off-Ramp to Redlands Blvd On-Ramp	84,732	9%	7,614	60	B	4,950	50,134	55,084
Redlands Blvd On-Ramp to Wabash Ave On-Ramp	90,157	9%	7,685	63	A	4,534	48,654	53,188
HIGH OCCUPANCY VEHICLES LANES								
LA County Line to Monte Vista Ave Off-Ramp	17,781	0%	0	50	A	0	4,556	4,556
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	17,781	0%	0	50	A	0	12,027	12,027
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	17,781	0%	0	50	A	0	519	519
Central Ave Off-Ramp to Central Ave On-Ramp	17,781	0%	0	50	A	0	10,170	10,170
Central Ave On-Ramp to Mountain Ave Off-Ramp	17,781	0%	0	50	A	0	3,698	3,698
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	18,814	0%	0	49	A	0	6,451	6,451
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	18,814	0%	0	49	A	0	8,993	8,993
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	18,814	0%	0	49	A	0	12,142	12,142
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	18,814	0%	0	49	A	0	9,631	9,631
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	22,501	0%	0	52	B	0	3,871	3,871
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	22,501	0%	0	52	B	0	7,404	7,404
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	22,501	0%	0	52	B	0	5,501	5,501
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	22,501	0%	0	52	B	0	4,329	4,329
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	22,501	0%	0	52	B	0	7,616	7,616
Holt Blvd On-Ramp to Archibald Ave On-Ramp	22,501	0%	0	52	B	0	8,778	8,778
Archibald Ave On-Ramp to Haven Ave Off-Ramp	26,550	0%	0	38	C	0	5,926	5,926
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	26,550	0%	0	38	C	0	11,045	11,045

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-4. ALTERNATIVE 1 (NO-BUILD) DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
Wabash Ave Off-Ramp to Redlands Blvd/Ford St Off-Ramp	95,802	10%	95,802	61	D	3,951	3,951	38,527
Redlands Blvd/Ford St Off-Ramp to Ford St On-Ramp	90,494	11%	90,494	60	D	7,625	7,625	70,697
Ford St On-Ramp to Cypress Ave Off-Ramp	100,616	10%	100,616	61	D	4,951	4,951	50,139
Cypress Ave Off-Ramp to University St On-Ramp	98,245	10%	98,245	57	D	7,419	7,419	73,592
University St On-Ramp to 6th St Off-Ramp	109,621	9%	109,621	59	D	3,848	3,848	41,592
6th St Off-Ramp to Orange St Loop On-Ramp	103,692	10%	103,692	56	D	3,601	3,601	37,292
Orange St Loop On-Ramp to Orange St On-Ramp	114,475	9%	114,475	59	D	3,829	3,829	42,881
Orange St On-Ramp to SR-210 NB Off-Ramp	119,927	9%	119,927	58	D	1,801	1,801	20,681
SR-210 Off-Ramp to Tennessee Off-Ramp	92,446	8%	92,446	59	C	2,029	2,029	24,639
Tennessee St Off-Ramp to Alabama St Off-Ramp	89,586	8%	89,586	59	C	1,321	1,321	15,633
Alabama St Off-Ramp to SR-210 SB On-Ramp	86,922	9%	86,922	62	C	5,890	5,890	68,049
SR-210 SB On-Ramp to Alabama St On-Ramp	97,519	8%	97,519	62	C	2,020	2,020	25,457
Alabama St On-Ramp to California St Off-Ramp	119,927	7%	119,927	62	C	1,044	1,044	14,590
California St Off-Ramp to California St On-Ramp	114,953	7%	114,953	59	D	7,317	7,317	99,084
California St On-Ramp to Mountain View Ave Off-Ramp	124,882	7%	124,882	61	D	1,716	1,716	24,033
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	116,032	8%	116,032	59	D	1,938	1,938	25,817
Mountain View Ave On-Ramp to Tippecanoe Ave Off-Ramp	128,676	7%	128,676	60	D	1,904	1,904	26,600
Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-Ramp	123,463	7%	123,463	52	D	6,936	6,936	93,528
Tippecanoe Ave On-Ramp to Hospitality Ln/ Carnegie Dr Off-Ramp	133,940	7%	133,940	56	D	1,054	1,054	14,936
Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitality Ln/ Carnegie Dr On-Ramp	126,575	7%	126,575	52	D	4,393	4,393	60,229
Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB Off-Ramp	135,053	7%	135,053	55	D	2,731	2,731	38,056
I-215 NB Off-Ramp to Sunwest Ln On-Ramp	83,358	8%	83,358	60	C	4,701	4,701	58,565
Sunwest Ln On-Ramp to I-215 NB On-Ramp	90,105	8%	90,105	59	C	1,447	1,447	18,855
I-215 NB On-Ramp to I-215 SB On-Ramp	92,015	8%	92,015	59	C	1,276	1,276	16,833
I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Ramp	115,049	7%	115,049	58	C	1,435	1,435	21,313
Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave On-Ramp	108,449	7%	108,449	57	D	5,555	5,555	78,776
Mt Vernon Ave On-Ramp to 9th St Off-Ramp	116,100	7%	116,100	59	C	367	367	5,378
9th St Off-Ramp to La Cadena Dr On-Ramp	109,332	7%	109,332	57	D	4,851	4,851	67,731
La Cadena Dr On-Ramp to Rancho Ave Off-Ramp	113,839	7%	113,839	60	C	707	707	10,029
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	108,626	7%	108,626	57	D	4,638	4,638	63,455
Rancho Ave On-Ramp to Pepper Ave Off-Ramp	114,825	7%	114,825	60	C	3,394	3,394	47,842

TABLE 2-4. ALTERNATIVE 1 (NO-BUILD) DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	106,978	7%	106,978	58	D	4,758	4,758	63,616
Pepper Ave On-Ramp to Riverside Ave Off-Ramp	113,002	7%	113,002	60	C	1,391	1,391	19,239
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	102,856	8%	102,856	61	C	4,650	4,650	60,704
Riverside Ave On-Ramp to Cedar Ave Off-Ramp	114,855	7%	114,855	60	C	7,225	7,225	97,930
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	102,758	8%	102,758	58	C	5,935	5,935	74,657
Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra Ave in existing)	113,560	8%	113,560	60	C	4,536	4,536	59,494
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	113,560	8%	113,560	60	C	3,249	3,249	42,608
Alder Ave On-Ramp to Alder Ave Off-Ramp (Future)	113,560	8%	113,560	60	C	3,132	3,132	41,074
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	102,169	8%	102,169	58	C	5,852	5,852	70,489
Sierra Ave On-Ramp to Citrus Ave Off-Ramp	112,297	8%	112,297	60	C	3,423	3,423	43,761
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	104,671	8%	104,671	58	D	4,616	4,616	56,421
Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in existing)	118,029	8%	118,029	61	D	3,825	3,825	49,360
Beach Ave Off-Ramp to Beach Ave On-Ramp	113,398	8%	113,398	62	C	5,638	5,638	71,507
Beach Ave On-Ramp to Cherry Off-Ramp	122,610	8%	122,610	61	D	3,721	3,721	48,361
Cherry Off-Ramp to Cherry On-Ramp	111,108	8%	111,108	60	D	4,895	4,895	61,158
Cherry On-Ramp to Etiwanda Ave Off-Ramp	126,163	8%	126,163	61	D	12,802	12,802	159,970
Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-Ramp	119,469	8%	119,469	58	D	6,577	6,577	81,128
Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-Ramp	127,579	9%	127,579	50	E	2,832	2,832	33,209
Etiwanda Ave On-Ramp to I-15 Off-Ramp	131,222	9%	131,222	56	D	1,512	1,512	17,462
I-15 Off-Ramp to I-15 SB On-Ramp	107,415	10%	107,415	56	D	5,815	5,815	60,936
I-15 SB On-Ramp to I-15 NB On-Ramp	138,905	10%	138,905	54	D	1,840	1,840	18,470
I-15 NB On-Ramp to Milliken Ave Off-Ramp	158,350	10%	158,350	60	D	334	334	3,270
Milliken Ave Off-Ramp to Milliken Ave On-Ramp	148,934	11%	148,934	52	E	9,098	9,098	86,438
Milliken Ave On-Ramp to Haven Ave Off-Ramp	159,264	10%	159,264	48	E	4,156	4,156	39,757
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	123,532	13%	123,532	53	D	6,637	6,637	50,803
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	130,090	13%	130,090	51	E	4,865	4,865	37,557
Haven Ave On-Ramp to Archibald Ave Off-Ramp	135,953	13%	135,953	56	D	4,725	4,725	37,161
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	131,156	13%	131,156	57	D	5,545	5,545	42,558
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	114,468	14%	114,468	60	D	9,989	9,989	71,614
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	126,130	13%	126,130	61	D	2,532	2,532	19,298
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	117,387	14%	117,387	59	D	5,899	5,899	42,444
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	123,310	14%	123,310	58	D	3,256	3,256	23,467

TABLE 2-4. ALTERNATIVE 1 (NO-BUILD) DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Vineyard Ave On-Ramp to 4th St Off-Ramp	129,335	13%	129,335	53	D	6,282	6,282	47,063
4th St Off-Ramp to 4th St On-Ramp	116,551	15%	116,551	56	D	6,594	6,594	45,283
4th St On-Ramp to 7th St Off-Ramp	134,194	13%	134,194	51	E	4,673	4,673	34,763
7th St Off-Ramp to Euclid Ave Loop On-Ramp	123,902	14%	123,902	55	D	7,079	7,079	49,363
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	131,118	14%	131,118	53	E	6,467	6,467	47,085
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	141,033	13%	141,033	48	E	7,719	7,719	59,648
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	129,803	14%	129,803	53	D	5,727	5,727	42,370
Mountain Ave On-Ramp to Central Ave Off-Ramp	140,421	13%	140,421	49	E	4,907	4,907	38,532
Central Ave Off-Ramp to Central Ave On-Ramp	126,515	14%	126,515	54	D	9,176	9,176	66,605
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	138,850	13%	138,850	57	D	898	898	7,006
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	132,945	13%	132,945	52	E	9,773	9,773	74,446
HIGH OCCUPANCY VEHICLES LANES								
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	25,898	0%	25,898	40	C	0	0	10,651
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	25,898	0%	25,898	40	C	0	0	7,477
Haven Ave On-Ramp to Archibald Ave Off-Ramp	26,427	0%	26,427	39	C	0	0	7,223
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	22,501	0%	22,501	44	C	0	0	7,301
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	22,501	0%	22,501	44	C	0	0	14,077
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	22,501	0%	22,501	44	C	0	0	3,443
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	22,501	0%	22,501	44	C	0	0	8,136
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	22,089	0%	22,089	46	C	0	0	4,204
Vineyard Ave On-Ramp to 4th St Off-Ramp	22,089	0%	22,089	46	C	0	0	8,038
4th St Off-Ramp to 4th St On-Ramp	22,089	0%	22,089	46	C	0	0	8,582
4th St On-Ramp to 7th St Off-Ramp	22,089	0%	22,089	46	C	0	0	5,722
7th St Off-Ramp to Euclid Ave Loop On-Ramp	24,515	0%	24,515	44	C	0	0	9,767
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	24,515	0%	24,515	44	C	0	0	8,803
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	24,515	0%	24,515	44	C	0	0	10,368
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	24,515	0%	24,515	44	C	0	0	8,002
Mountain Ave On-Ramp to Central Ave Off-Ramp	24,515	0%	24,515	44	C	0	0	6,727
Central Ave Off-Ramp to Central Ave On-Ramp	28,008	0%	28,008	40	D	0	0	14,745
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	28,008	0%	28,008	40	D	0	0	1,413
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	28,008	0%	28,008	40	D	0	0	15,684

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-5. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
LA County Line to Monte Vista Ave Off-Ramp	124,584	12%	15,286	52	D	3,917	28,004	31,920
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	115,475	13%	15,052	55	C	10,181	67,927	78,108
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	132,810	12%	15,421	57	C	450	3,426	3,877
Central Ave Off-Ramp to Central Ave On-Ramp	119,122	13%	15,144	54	D	8,662	59,473	68,136
Central Ave On-Ramp to Mountain Ave Off-Ramp	125,780	12%	15,456	58	C	3,215	22,945	26,160
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	112,884	13%	15,070	57	C	5,167	33,538	38,705
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	124,176	13%	15,540	52	D	7,428	51,926	59,354
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	110,540	14%	15,072	56	C	9,727	61,609	71,336
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	125,098	12%	15,356	52	D	7,861	56,177	64,038
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	103,105	14%	14,800	58	C	2,546	15,191	17,737
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	115,200	13%	15,092	55	C	4,966	32,941	37,907
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	106,307	13%	14,291	57	C	3,494	22,496	25,990
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	123,239	12%	14,629	60	C	2,814	20,895	23,709
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	110,680	13%	13,959	59	C	4,725	32,739	37,464
Holt Blvd On-Ramp to Archibald Ave On-Ramp	130,595	12%	15,166	55	C	5,916	45,029	50,946
Archibald Ave On-Ramp to Haven Ave Off-Ramp	135,117	11%	15,363	54	D	3,429	26,728	30,156
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	116,075	13%	14,614	52	D	6,079	42,206	48,285
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	122,302	12%	14,850	56	C	4,636	33,548	38,184
Haven Ave On-Ramp to Milliken Ave Off-Ramp	127,295	12%	15,322	58	C	3,434	25,094	28,528
Milliken Ave Off-Ramp to Milliken Ave Loop On-Ramp	114,053	12%	14,225	57	C	7,544	52,940	60,484
Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp	127,060	12%	14,921	58	C	793	5,956	6,749
I-15 NB Off-Ramp to I-15 SB Off-Ramp	100,838	9%	9,335	59	B	2,318	22,722	25,040
I-15 SB Off-Ramp to I-15 NB On-Ramp	83,399	10%	7,984	58	B	2,449	23,130	25,579
I-15 NB On-Ramp to I-15 SB On-Ramp	103,230	9%	8,942	60	B	1,937	20,428	22,365
I-15 SB On-Ramp to Etiwanda Ave Off-Ramp	106,192	9%	9,069	58	B	1,277	13,671	14,948
Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp	99,349	8%	8,168	59	C	10,451	116,670	127,121
Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp	104,658	8%	8,528	61	B	7,884	88,872	96,756
Cherry Ave Off-Ramp to Cherry Ave On-Ramp	89,323	8%	7,221	60	B	4,399	50,015	54,414
Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citrus Ave in existing)	102,479	8%	7,856	61	B	2,801	33,729	36,530
Beach Ave Off-Ramp to Beach Ave On-Ramp (Future)	97,144	8%	7,513	62	B	4,758	56,765	61,523
Beach Ave On-Ramp to Citrus Ave Off-Ramp (Future)	101,815	8%	7,756	61	B	3,476	42,150	45,626

TABLE 2-5. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	93,954	8%	7,520	60	B	4,029	46,305	50,334
Citrus Ave On-Ramp to Sierra Ave Off-Ramp	100,086	8%	7,739	59	B	3,626	43,268	46,894
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	82,683	8%	6,965	59	B	4,440	48,264	52,704
Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar Ave in existing)	94,280	8%	7,166	60	B	2,217	26,945	29,162
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	93,915	8%	7,166	60	B	2,656	32,147	34,803
Alder Ave On-Ramp to Cedar Ave Off-Ramp (Future)	93,915	8%	7,166	60	B	3,577	43,299	46,876
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	81,783	8%	6,481	60	B	5,501	63,916	69,417
Cedar Ave On-Ramp to Riverside Ave Off-Ramp	90,423	7%	6,733	61	A	5,356	66,573	71,929
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	81,097	8%	6,282	62	A	3,624	43,159	46,783
Riverside Ave On-Ramp to Pepper Ave Off-Ramp	91,110	7%	6,610	61	A	1,319	16,863	18,182
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	85,534	7%	6,411	59	B	4,229	52,199	56,428
Pepper Ave On-Ramp to Rancho Ave Off-Ramp	90,485	7%	6,522	61	A	1,699	21,878	23,577
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	84,780	7%	6,311	60	B	2,600	32,332	34,932
Rancho Ave On-Ramp to La Cadena Dr Off-Ramp	87,803	7%	6,369	61	A	1,144	14,624	15,768
La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th St On-Ramp	82,311	7%	6,055	60	B	3,205	40,368	43,574
La Cadena Dr/9th St On-Ramp to Mt Vernon Ave Off-Ramp	86,690	7%	6,132	61	A	172	2,261	2,433
Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ramp	82,125	7%	5,936	62	A	3,595	46,151	49,747
Mt Vernon Ave On-Ramp to I-215 Off-Ramp	86,033	7%	6,013	61	A	291	3,874	4,165
I-215 Off-Ramp to I-215 NB On-Ramp	71,078	7%	5,295	61	A	4,987	61,961	66,949
I-215 NB On-Ramp to I-215 SB On-Ramp	106,638	7%	7,322	59	B	803	10,886	11,689
I-215 SB On-Ramp to Redlands Blvd Off-Ramp	134,756	7%	8,884	58	C	1,150	16,299	17,449
Redlands Blvd Off-Ramp to Waterman Ave Off-Ramp	121,046	7%	8,438	56	C	917	12,241	13,158
Waterman Ave Off-Ramp to Waterman Ave On-Ramp	114,282	7%	8,144	52	C	5,143	67,025	72,168
Waterman Ave On-Ramp to Anderson St Off-Ramp	115,769	7%	8,317	57	C	2,350	30,357	32,707
Anderson St Off-Ramp to Anderson St On-Ramp	104,373	7%	7,815	54	C	3,158	39,018	42,176
Anderson St On-Ramp to Mountain View Ave Off-Ramp	108,675	7%	7,845	61	B	1,632	20,978	22,611
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	98,403	7%	7,375	60	C	5,829	71,951	77,780
Mountain View Ave On-Ramp to California St Off-Ramp	108,775	7%	7,623	61	B	1,399	18,567	19,966
California St Off-Ramp to California St On-Ramp	100,164	7%	7,161	58	C	6,026	78,266	84,291
California St On-Ramp to Alabama St Off-Ramp	105,397	7%	7,260	61	B	1,276	17,248	18,524
Alabama St Off-Ramp to SR-210 NB Off-Ramp	94,809	7%	6,816	61	B	2,669	34,453	37,122
SR-210 NB Off-Ramp to Tennessee St Off-Ramp	80,485	8%	6,321	62	A	1,116	13,100	14,216

TABLE 2-5. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Tennessee St Off-Ramp to Tennessee St On-Ramp	69,702	8%	5,807	61	A	3,735	41,099	44,834
Tennessee St On-Ramp to SR-210 SB On-Ramp	75,486	8%	5,909	60	A	1,173	13,805	14,977
SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ramp	99,373	9%	8,550	59	B	433	4,596	5,028
Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Ramp	80,441	10%	8,173	58	B	3,521	31,131	34,651
Pearl Ave On-Ramp to University St Off-Ramp	85,309	10%	8,275	60	A	2,460	22,896	25,356
University St Off-Ramp to Cypress Ave On-Ramp	73,595	11%	8,005	59	A	6,368	52,177	58,545
Cypress Ave On-Ramp to Ford St Off-Ramp	75,871	11%	8,039	63	A	3,680	31,053	34,733
Ford St Off-Ramp to Redlands Blvd On-Ramp	68,307	12%	7,898	62	A	5,134	39,272	44,407
Redlands Blvd On-Ramp to Wabash Ave On-Ramp	73,558	11%	7,954	63	A	4,693	38,703	43,396
HIGH OCCUPANCY VEHICLES LANES								
LA County Line to Monte Vista Ave Off-Ramp	24,878	0%	0	42	B	0	6,374	6,374
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	24,878	0%	0	42	B	0	16,827	16,827
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	24,878	0%	0	42	B	0	726	726
Central Ave Off-Ramp to Central Ave On-Ramp	24,878	0%	0	42	B	0	14,230	14,230
Central Ave On-Ramp to Mountain Ave Off-Ramp	24,878	0%	0	42	B	0	5,174	5,174
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	24,878	0%	0	42	B	0	8,530	8,530
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	19,380	0%	0	47	A	0	9,263	9,263
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	19,380	0%	0	47	A	0	12,507	12,507
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	19,380	0%	0	47	A	0	9,921	9,921
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	17,378	0%	0	54	A	0	2,990	2,990
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	17,378	0%	0	54	A	0	5,718	5,718
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	17,378	0%	0	54	A	0	4,249	4,249
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	17,378	0%	0	54	A	0	3,343	3,343
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	17,378	0%	0	54	A	0	5,882	5,882
Holt Blvd On-Ramp to Archibald Ave On-Ramp	17,378	0%	0	54	A	0	6,779	6,779
Archibald Ave On-Ramp to Haven Ave Off-Ramp	17,378	0%	0	54	A	0	3,879	3,879
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	17,378	0%	0	54	A	0	7,229	7,229
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	10,123	0%	0	53	A	0	3,161	3,161
Haven Ave On-Ramp to Milliken Ave Off-Ramp	10,123	0%	0	53	A	0	2,269	2,269
Milliken Ave Off-Ramp to Milliken Ave Loop On-Ramp	10,123	0%	0	53	A	0	5,368	5,368
Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp	10,123	0%	0	53	A	0	538	538
I-15 NB Off-Ramp to I-15 SB Off-Ramp	10,123	0%	0	53	A	0	2,514	2,514

TABLE 2-5. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
I-15 SB Off-Ramp to I-15 NB On-Ramp	10,123	0%	0	53	A	0	3,105	3,105
I-15 NB On-Ramp to I-15 SB On-Ramp	10,123	0%	0	53	A	0	2,193	2,193
I-15 SB On-Ramp to Etiwanda Ave Off-Ramp	10,123	0%	0	53	A	0	1,425	1,425
Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp	10,123	0%	0	53	A	0	12,953	12,953
Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp	10,123	0%	0	53	A	0	9,359	9,359
Cherry Ave Off-Ramp to Cherry Ave On-Ramp	6,368	0%	0	59	A	0	3,880	3,880
Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citrus Ave in existing)	6,368	0%	0	59	A	0	2,270	2,270
Beach Ave Off-Ramp to Beach Ave On-Ramp (Future)	6,368	0%	0	59	A	0	4,033	4,033
Beach Ave On-Ramp to Citrus Ave Off-Ramp (Future)	6,368	0%	0	59	A	0	2,854	2,854
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	6,368	0%	0	59	A	0	3,412	3,412
Citrus Ave On-Ramp to Sierra Ave Off-Ramp	6,368	0%	0	59	A	0	2,984	2,984
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	6,368	0%	0	59	A	0	4,059	4,059
Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar Ave in existing)	6,368	0%	0	59	A	0	1,970	1,970
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	7,581	0%	0	44	A	0	2,809	2,809
Alder Ave On-Ramp to Cedar Ave Off-Ramp (Future)	7,581	0%	0	44	A	0	3,784	3,784
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	7,581	0%	0	44	A	0	6,435	6,435
Cedar Ave On-Ramp to Riverside Ave Off-Ramp	7,581	0%	0	44	A	0	6,030	6,030
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	7,581	0%	0	44	A	0	4,373	4,373
Riverside Ave On-Ramp to Pepper Ave Off-Ramp	7,581	0%	0	44	A	0	1,513	1,513
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	7,581	0%	0	44	A	0	5,001	5,001
Pepper Ave On-Ramp to Rancho Ave Off-Ramp	7,581	0%	0	44	A	0	1,975	1,975
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	7,581	0%	0	44	A	0	3,124	3,124
Rancho Ave On-Ramp to La Cadena Dr Off-Ramp	7,581	0%	0	44	A	0	1,361	1,361
La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th St On-Ramp	7,581	0%	0	44	A	0	4,013	4,013
La Cadena Dr/9th St On-Ramp to Mt Vernon Ave Off-Ramp	7,581	0%	0	44	A	0	213	213
Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ramp	8,433	0%	0	58	A	0	5,108	5,108
Mt Vernon Ave On-Ramp to I-215 Off-Ramp	8,433	0%	0	58	A	0	408	408
I-215 Off-Ramp to I-215 NB On-Ramp	8,433	0%	0	58	A	0	7,943	7,943
I-215 NB On-Ramp to I-215 SB On-Ramp	8,433	0%	0	58	A	0	924	924
I-215 SB On-Ramp to Redlands Blvd Off-Ramp	8,433	0%	0	58	A	0	1,092	1,092
Redlands Blvd Off-Ramp to Waterman Ave Off-Ramp	8,433	0%	0	58	A	0	917	917
Waterman Ave Off-Ramp to Waterman Ave On-Ramp	8,433	0%	0	58	A	0	5,325	5,325

TABLE 2-5. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Waterman Ave On-Ramp to Anderson St Off-Ramp	8,433	0%	0	58	A	0	2,382	2,382
Anderson St Off-Ramp to Anderson St On-Ramp	13,704	0%	0	53	A	0	5,537	5,537
Anderson St On-Ramp to Mountain View Ave Off-Ramp	13,704	0%	0	53	A	0	2,851	2,851
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	13,704	0%	0	53	A	0	10,832	10,832
Mountain View Ave On-Ramp to California St Off-Ramp	13,704	0%	0	53	A	0	2,515	2,515
California St Off-Ramp to California St On-Ramp	13,704	0%	0	53	A	0	11,532	11,532
California St On-Ramp to Alabama St Off-Ramp	14,226	0%	0	53	A	0	2,500	2,500
Alabama St Off-Ramp to SR-210 NB Off-Ramp	14,226	0%	0	53	A	0	5,570	5,570
SR-210 NB Off-Ramp to Tennessee St Off-Ramp	14,226	0%	0	53	A	0	2,513	2,513
Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Ramp	19,871	0%	0	46	A	0	8,560	8,560
Pearl Ave On-Ramp to University St Off-Ramp	19,871	0%	0	46	A	0	5,906	5,906
University St Off-Ramp to Cypress Ave On-Ramp	19,871	0%	0	46	A	0	15,808	15,808
Cypress Ave On-Ramp to Ford St Off-Ramp	19,871	0%	0	46	A	0	9,097	9,097

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-6. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
Wabash Ave Off-Ramp to Redlands Blvd/Ford St Off-Ramp	77,456	13%	10,101	62	A	4,062	27,087	31,149
Redlands Blvd/Ford St Off-Ramp to Ford St On-Ramp	72,959	14%	10,041	61	B	7,844	49,154	56,998
Ford St On-Ramp to Cypress Ave Off-Ramp	81,783	12%	10,220	62	B	5,093	35,661	40,754
Cypress Ave Off-Ramp to University St On-Ramp	79,552	13%	10,189	58	B	7,632	51,958	59,590
University St On-Ramp to 6th St Off-Ramp	90,912	11%	10,441	60	B	3,962	30,532	34,494
6th St Off-Ramp to Orange St Loop On-Ramp	85,480	12%	10,312	58	B	3,708	27,033	30,742
Orange St Loop On-Ramp to Orange St On-Ramp	95,969	11%	10,520	60	B	3,941	32,008	35,949
Orange St On-Ramp to SR-210 NB Off-Ramp	101,763	11%	10,744	59	B	1,853	15,696	17,549
SR-210 Off-Ramp to Tennessee Off-Ramp	78,126	10%	7,705	60	A	2,054	18,769	20,823
Tennessee St Off-Ramp to Alabama St Off-Ramp	75,266	10%	7,656	60	A	1,336	11,798	13,134
Alabama St Off-Ramp to SR-210 SB On-Ramp	72,834	10%	7,608	62	A	5,956	51,063	57,020
SR-210 SB On-Ramp to Alabama St On-Ramp	84,598	9%	7,834	62	A	2,045	20,039	22,084
Alabama St On-Ramp to California St Off-Ramp	106,729	8%	8,687	62	A	1,057	11,928	12,985
California St Off-Ramp to California St On-Ramp	101,624	8%	8,597	60	C	7,411	80,185	87,595
California St On-Ramp to Mountain View Ave Off-Ramp	121,228	7%	9,039	61	C	1,739	21,590	23,330
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	110,850	8%	8,855	59	C	1,970	22,694	24,664
Mountain View Ave On-Ramp to Tippecanoe Ave Off-Ramp	109,644	9%	9,361	61	B	1,935	20,730	22,665
Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-Ramp	104,529	9%	9,304	56	C	7,048	72,137	79,185
Tippecanoe Ave On-Ramp to Hospitality Ln/ Carnegie Dr Off-Ramp	113,576	8%	9,605	58	B	1,071	11,594	12,665
Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitality Ln/Carnegie Dr On-Ramp	106,495	9%	9,371	56	C	4,459	46,216	50,675
Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB Off-Ramp	129,537	8%	9,818	56	C	2,767	33,735	36,502
I-215 NB Off-Ramp to Sunwest Ln On-Ramp	75,773	9%	7,009	60	A	4,924	48,312	53,236
Sunwest Ln On-Ramp to I-215 NB On-Ramp	82,566	9%	7,242	60	A	1,515	15,762	17,278
I-215 NB On-Ramp to I-215 SB On-Ramp	84,531	9%	7,301	59	A	1,336	14,128	15,464
I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Ramp	106,630	8%	8,104	59	B	1,501	18,252	19,753
Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave On-Ramp	97,675	8%	8,035	58	B	5,836	65,113	70,949
Mt Vernon Ave On-Ramp to 9th St Off-Ramp	97,360	9%	8,319	61	B	385	4,125	4,510
9th St Off-Ramp to La Cadena Dr On-Ramp	92,300	9%	8,195	59	B	5,077	52,102	57,179
La Cadena Dr On-Ramp to Rancho Ave Off-Ramp	96,647	9%	8,392	61	A	739	7,775	8,515
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	92,421	9%	8,305	59	B	4,852	49,137	53,989
Rancho Ave On-Ramp to Pepper Ave Off-Ramp	97,293	9%	8,516	61	A	3,548	36,989	40,537

TABLE 2-6. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	89,979	9%	8,363	59	B	4,973	48,535	53,508
Pepper Ave On-Ramp to Riverside Ave Off-Ramp	107,264	8%	8,533	60	B	1,453	16,809	18,262
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	96,706	9%	8,239	61	B	4,862	52,212	57,074
Riverside Ave On-Ramp to Cedar Ave Off-Ramp	109,293	8%	8,847	60	B	7,543	85,644	93,187
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	96,798	9%	8,537	59	B	6,202	64,124	70,327
Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra Ave in existing)	107,070	8%	9,047	60	B	4,740	51,354	56,094
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	107,070	8%	9,047	60	B	3,394	36,778	40,172
Alder Ave On-Ramp to Alder Ave Off-Ramp (Future)	95,211	10%	9,047	61	A	3,272	31,165	34,437
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	84,449	10%	8,861	60	A	6,113	52,150	58,263
Sierra Ave On-Ramp to Citrus Ave Off-Ramp	106,499	9%	9,182	60	B	3,578	37,924	41,502
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	98,498	9%	8,959	59	B	4,829	48,264	53,093
Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in existing)	113,167	8%	9,534	61	B	3,987	43,340	47,327
Beach Ave Off-Ramp to Beach Ave On-Ramp	108,391	9%	9,322	62	B	5,878	62,471	68,349
Beach Ave On-Ramp to Cherry Off-Ramp	117,925	8%	9,847	61	C	3,884	42,629	46,513
Cherry Off-Ramp to Cherry On-Ramp	103,073	9%	9,308	60	C	5,123	51,612	56,735
Cherry On-Ramp to Etiwanda Ave Off-Ramp	110,247	10%	10,490	61	B	13,301	126,488	139,789
Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-Ramp	102,543	10%	10,090	60	C	6,852	62,782	69,634
Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-Ramp	110,016	10%	11,319	54	C	2,946	25,691	28,637
Etiwanda Ave On-Ramp to I-15 Off-Ramp	115,530	10%	11,766	57	C	1,566	13,808	15,374
I-15 Off-Ramp to I-15 SB On-Ramp	92,057	12%	10,612	58	B	6,020	46,203	52,223
I-15 SB On-Ramp to I-15 NB On-Ramp	124,438	11%	13,978	56	C	1,859	14,687	16,546
I-15 NB On-Ramp to Milliken Ave Off-Ramp	143,983	11%	16,061	60	B	332	2,642	2,973
Milliken Ave Off-Ramp to Milliken Ave On-Ramp	134,393	12%	15,530	55	D	9,013	68,985	77,999
Milliken Ave On-Ramp to Haven Ave Off-Ramp	132,996	12%	16,480	55	C	4,114	29,086	33,200
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	124,879	13%	15,951	52	D	6,560	44,797	51,357
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	130,861	13%	16,586	50	D	4,789	32,991	37,780
Haven Ave On-Ramp to Archibald Ave Off-Ramp	136,819	12%	16,981	55	D	4,642	32,756	37,397
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	131,209	13%	16,726	56	C	5,427	37,148	42,575
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	126,092	12%	15,630	58	D	9,779	69,107	78,886
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	137,246	12%	16,176	59	D	2,475	18,524	20,999
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	126,664	13%	15,936	57	D	5,762	40,036	45,798
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	122,059	14%	16,683	58	D	3,175	20,054	23,229

TABLE 2-6. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Vineyard Ave On-Ramp to 4th St Off-Ramp	126,927	13%	16,852	53	D	6,132	40,054	46,187
4th St Off-Ramp to 4th St On-Ramp	124,379	13%	16,548	55	D	6,429	41,895	48,324
4th St On-Ramp to 7th St Off-Ramp	141,700	12%	17,618	49	E	4,564	32,144	36,708
7th St Off-Ramp to Euclid Ave Loop On-Ramp	132,775	13%	17,352	53	D	6,913	45,985	52,899
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	137,994	13%	17,588	51	E	6,316	43,238	49,554
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	147,439	12%	17,855	47	E	7,551	54,805	62,356
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	135,163	13%	17,222	52	D	5,622	38,498	44,119
Mountain Ave On-Ramp to Central Ave Off-Ramp	137,315	13%	17,501	50	E	4,802	32,877	37,680
Central Ave Off-Ramp to Central Ave On-Ramp	126,865	13%	17,021	54	D	8,961	57,828	66,789
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	149,454	12%	17,423	55	D	879	6,662	7,541
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	142,768	12%	17,084	49	E	9,567	70,380	79,947
HIGH OCCUPANCY VEHICLES LANES								
Ford St On-Ramp to Cypress Ave Off-Ramp	15,978	0%	0	50	A	0	6,426	6,426
Cypress Ave Off-Ramp to University St On-Ramp	15,978	0%	0	50	A	0	12,483	12,483
University St On-Ramp to 6th St Off-Ramp	15,978	0%	0	50	A	0	7,962	7,962
6th St Off-Ramp to Orange St Loop On-Ramp	15,978	0%	0	50	A	0	6,597	6,597
Orange St Loop On-Ramp to Orange St On-Ramp	16,585	0%	0	50	A	0	6,293	6,293
Orange St On-Ramp to SR-210 NB Off-Ramp	16,585	0%	0	50	A	0	5,965	5,965
SR-210 Off-Ramp to Tennessee Off-Ramp	16,585	0%	0	50	A	0	6,212	6,212
Tennessee St Off-Ramp to Alabama St Off-Ramp	16,585	0%	0	50	A	0	2,860	2,860
Alabama St Off-Ramp to SR-210 SB On-Ramp	16,585	0%	0	50	A	0	4,420	4,420
SR-210 SB On-Ramp to Alabama St On-Ramp	16,585	0%	0	50	A	0	2,894	2,894
Alabama St On-Ramp to California St Off-Ramp	16,585	0%	0	50	A	0	12,984	12,984
California St Off-Ramp to California St On-Ramp	16,585	0%	0	50	A	0	4,329	4,329
California St On-Ramp to Mountain View Ave Off-Ramp	16,585	0%	0	50	A	0	2,018	2,018
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	21,091	0%	0	45	A	0	7,847	7,847
Mountain View Ave On-Ramp to Tippecanoe Ave Off-Ramp	21,091	0%	0	45	A	0	4,059	4,059
Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-Ramp	21,091	0%	0	45	A	0	4,693	4,693
Tippecanoe Ave On-Ramp to Hospitality Ln/ Carnegie Dr Off-Ramp	21,091	0%	0	45	A	0	4,360	4,360
Hospitality Ln/Carnegie Dr Off-Ramp to Hospitality Ln/Carnegie Dr On-Ramp	21,091	0%	0	45	A	0	6,765	6,765
Hospitality Ln/Carnegie Dr On-Ramp to I-215 NB Off-Ramp	21,091	0%	0	45	A	0	2,352	2,352
I-215 NB Off-Ramp to Sunwest Ln On-Ramp	21,091	0%	0	45	A	0	5,850	5,850

TABLE 2-6. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Sunwest Ln On-Ramp to I-215 NB On-Ramp	21,091	0%	0	45	A	0	5,943	5,943
I-215 NB On-Ramp to I-215 SB On-Ramp	21,091	0%	0	45	A	0	14,818	14,818
I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Ramp	21,091	0%	0	45	A	0	4,413	4,413
Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave On-Ramp	21,091	0%	0	45	A	0	3,858	3,858
Mt Vernon Ave On-Ramp to 9th St Off-Ramp	16,401	0%	0	51	A	0	3,038	3,038
9th St Off-Ramp to La Cadena Dr On-Ramp	16,401	0%	0	51	A	0	5,870	5,870
La Cadena Dr On-Ramp to Rancho Ave Off-Ramp	16,401	0%	0	51	A	0	760	760
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	16,401	0%	0	51	A	0	10,160	10,160
Rancho Ave On-Ramp to Pepper Ave Off-Ramp	16,401	0%	0	51	A	0	1,445	1,445
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	16,401	0%	0	51	A	0	3,929	3,929
Pepper Ave On-Ramp to Riverside Ave Off-Ramp	16,401	0%	0	51	A	0	6,834	6,834
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	16,401	0%	0	51	A	0	4,004	4,004
Riverside Ave On-Ramp to Cedar Ave Off-Ramp	16,401	0%	0	51	A	0	2,792	2,792
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	16,401	0%	0	51	A	0	4,495	4,495
Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra Ave in existing)	16,401	0%	0	51	A	0	13,984	13,984
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	18,470	0%	0	48	A	0	5,684	5,684
Alder Ave On-Ramp to Alder Ave Off-Ramp (Future)	18,470	0%	0	48	A	0	9,676	9,676
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	18,470	0%	0	48	A	0	6,930	6,930
Sierra Ave On-Ramp to Citrus Ave Off-Ramp	18,470	0%	0	48	A	0	6,680	6,680
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	18,470	0%	0	48	A	0	4,871	4,871
Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in existing)	18,470	0%	0	48	A	0	7,198	7,198
Beach Ave Off-Ramp to Beach Ave On-Ramp	18,470	0%	0	48	A	0	4,352	4,352
Beach Ave On-Ramp to Cherry Off-Ramp	18,470	0%	0	48	A	0	7,724	7,724
Cherry Off-Ramp to Cherry On-Ramp	18,470	0%	0	48	A	0	5,221	5,221
Cherry On-Ramp to Etiwanda Ave Off-Ramp	14,841	0%	0	53	A	0	5,854	5,854
Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-Ramp	14,841	0%	0	53	A	0	3,894	3,894
Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-Ramp	14,841	0%	0	53	A	0	18,818	18,818
Etiwanda Ave On-Ramp to I-15 Off-Ramp	14,841	0%	0	53	A	0	7,233	7,233
I-15 Off-Ramp to I-15 SB On-Ramp	14,841	0%	0	53	A	0	3,863	3,863
I-15 SB On-Ramp to I-15 NB On-Ramp	14,841	0%	0	53	A	0	1,975	1,975
I-15 NB On-Ramp to Milliken Ave Off-Ramp	14,841	0%	0	53	A	0	8,419	8,419
Milliken Ave Off-Ramp to Milliken Ave On-Ramp	14,841	0%	0	53	A	0	1,973	1,973

TABLE 2-6. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Milliken Ave On-Ramp to Haven Ave Off-Ramp	14,841	0%	0	53	A	0	306	306
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	14,841	0%	0	53	A	0	4,312	4,312
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	29,360	0%	0	45	C	0	7,329	7,329
Haven Ave On-Ramp to Archibald Ave Off-Ramp	29,360	0%	0	45	C	0	8,239	8,239
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	29,360	0%	0	45	C	0	8,476	8,476
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	29,360	0%	0	45	C	0	8,025	8,025
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	29,360	0%	0	45	C	0	6,125	6,125
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	29,360	0%	0	45	C	0	18,368	18,368
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	29,360	0%	0	45	C	0	4,492	4,492
Vineyard Ave On-Ramp to 4th St Off-Ramp	29,360	0%	0	45	C	0	6,355	6,355
4th St Off-Ramp to 4th St On-Ramp	29,360	0%	0	45	C	0	5,587	5,587
4th St On-Ramp to 7th St Off-Ramp	29,360	0%	0	45	C	0	10,684	10,684
7th St Off-Ramp to Euclid Ave Loop On-Ramp	17,409	0%	0	49	A	0	6,764	6,764
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	17,409	0%	0	49	A	0	4,510	4,510
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	17,409	0%	0	49	A	0	4,298	4,298
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	28,611	0%	0	38	C	0	10,274	10,274
Mountain Ave On-Ramp to Central Ave Off-Ramp	28,611	0%	0	38	C	0	12,101	12,101
Central Ave Off-Ramp to Central Ave On-Ramp	28,611	0%	0	38	C	0	9,339	9,339
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	28,611	0%	0	38	C	0	7,851	7,851
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	28,611	0%	0	38	C	0	7,253	7,253

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-7. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
LA County Line to Monte Vista Ave Off-Ramp	127,971	12%	15,033	52	D	3,852	28,936	32,788
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	119,470	12%	14,848	55	C	10,043	70,766	80,809
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	127,701	12%	15,257	58	C	445	3,282	3,727
Central Ave Off-Ramp to Central Ave On-Ramp	116,520	13%	14,879	55	C	8,510	58,137	66,647
Central Ave On-Ramp to Mountain Ave Off-Ramp	127,422	12%	15,246	57	C	3,171	23,330	26,501
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	115,458	13%	14,934	56	C	5,121	34,467	39,588
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	127,443	12%	15,454	52	D	7,387	53,529	60,916
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	112,419	13%	15,055	56	C	9,716	62,833	72,548
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	121,432	13%	15,345	53	D	7,855	54,306	62,161
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	106,940	14%	14,718	57	C	2,532	15,865	18,397
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	119,237	13%	15,005	54	D	4,937	34,298	39,235
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	110,100	13%	14,213	56	C	3,475	23,443	26,918
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	123,778	12%	14,542	60	C	2,798	21,015	23,813
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	111,427	12%	13,894	59	C	4,703	33,014	37,717
Holt Blvd On-Ramp to Archibald Ave On-Ramp	130,493	12%	15,027	55	C	5,862	45,044	50,906
Archibald Ave On-Ramp to Haven Ave Off-Ramp	135,187	11%	15,238	53	D	3,401	26,771	30,172
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	121,652	12%	14,273	50	D	5,937	44,668	50,605
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	135,547	11%	14,496	53	D	4,526	37,794	42,319
Haven Ave On-Ramp to Milliken Ave Off-Ramp	140,601	11%	14,929	56	C	3,346	28,164	31,510
Milliken Ave Off-Ramp to Milliken Ave Loop On-Ramp	126,273	11%	13,860	54	C	7,350	59,614	66,964
Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp	136,088	11%	14,524	57	C	771	6,457	7,229
I-15 NB Off-Ramp to I-15 SB Off-Ramp	104,844	9%	9,626	59	B	2,390	23,644	26,035
I-15 SB Off-Ramp to I-15 NB On-Ramp	85,767	10%	8,329	58	B	2,555	23,751	26,305
I-15 NB On-Ramp to I-15 SB On-Ramp	105,908	9%	9,256	53	C	2,005	20,940	22,945
I-15 SB On-Ramp to Etiwanda Ave Off-Ramp	109,396	9%	9,385	58	B	1,321	14,078	15,399
Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp	103,000	8%	8,490	59	C	10,863	120,929	131,792
Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp	107,385	8%	8,801	61	B	8,137	91,140	99,277
Cherry Ave Off-Ramp to Cherry Ave On-Ramp	94,763	8%	7,506	60	C	4,573	53,155	57,728
Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citrus Ave in existing)	108,355	8%	8,150	60	C	2,905	35,720	38,625
Beach Ave Off-Ramp to Beach Ave On-Ramp (Future)	102,211	8%	7,806	58	C	4,944	59,789	64,733
Beach Ave On-Ramp to Citrus Ave Off-Ramp (Future)	107,553	7%	8,045	61	B	3,605	44,593	48,197

TABLE 2-7. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	98,928	8%	7,815	59	C	4,187	48,813	52,999
Citrus Ave On-Ramp to Sierra Ave Off-Ramp	106,400	8%	8,032	59	B	3,763	46,090	49,853
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	86,811	8%	7,266	59	B	4,632	50,704	55,336
Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar Ave in existing)	98,604	8%	7,454	60	B	2,306	28,194	30,500
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	99,756	7%	7,454	60	B	2,762	34,205	36,967
Alder Ave On-Ramp to Cedar Ave Off-Ramp (Future)	99,756	7%	7,454	60	B	3,720	46,071	49,791
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	85,666	8%	6,793	59	B	5,766	66,947	72,713
Cedar Ave On-Ramp to Riverside Ave Off-Ramp	94,924	7%	7,053	60	B	5,610	69,899	75,509
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	85,834	8%	6,651	61	B	3,837	45,678	49,515
Riverside Ave On-Ramp to Pepper Ave Off-Ramp	96,126	7%	6,935	61	B	1,384	17,799	19,183
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	89,742	8%	6,749	59	B	4,452	54,752	59,204
Pepper Ave On-Ramp to Rancho Ave Off-Ramp	95,737	7%	6,864	58	B	1,789	23,157	24,946
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	89,132	7%	6,650	59	B	2,740	33,986	36,726
Rancho Ave On-Ramp to La Cadena Dr Off-Ramp	93,184	7%	6,747	58	B	1,212	15,522	16,734
La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th St On-Ramp	87,474	7%	6,452	59	B	3,416	42,892	46,307
La Cadena Dr/9th St On-Ramp to Mt Vernon Ave Off-Ramp	92,253	7%	6,534	61	B	183	2,406	2,589
Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ramp	86,173	7%	6,378	61	A	3,863	48,335	52,198
Mt Vernon Ave On-Ramp to I-215 Off-Ramp	90,446	7%	6,467	60	A	313	4,065	4,378
I-215 Off-Ramp to I-215 NB On-Ramp	73,477	8%	5,713	60	A	5,382	63,827	69,208
I-215 NB On-Ramp to I-215 SB On-Ramp	111,068	7%	7,757	58	B	850	11,324	12,174
I-215 SB On-Ramp to Redlands Blvd Off-Ramp	136,797	7%	9,213	58	C	1,193	16,521	17,714
Redlands Blvd Off-Ramp to Waterman Ave Off-Ramp	123,638	7%	8,713	56	C	947	12,493	13,440
Waterman Ave Off-Ramp to Waterman Ave On-Ramp	117,398	7%	8,408	53	D	5,309	68,827	74,136
Waterman Ave On-Ramp to Anderson St Off-Ramp	123,637	7%	8,583	57	C	2,425	32,505	34,930
Anderson St Off-Ramp to Anderson St On-Ramp	108,755	7%	8,116	54	C	3,280	40,667	43,947
Anderson St On-Ramp to Mountain View Ave Off-Ramp	112,851	7%	8,144	61	C	1,694	21,785	23,480
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	101,654	8%	7,689	60	C	6,078	74,272	80,350
Mountain View Ave On-Ramp to California St Off-Ramp	112,632	7%	7,940	61	C	1,457	19,216	20,674
California St Off-Ramp to California St On-Ramp	103,097	7%	7,470	59	C	6,286	80,473	86,759
California St On-Ramp to Alabama St Off-Ramp	117,956	6%	7,557	59	C	1,328	19,403	20,731
Alabama St Off-Ramp to SR-210 NB Off-Ramp	107,086	7%	7,148	61	B	2,799	39,130	41,929
SR-210 NB Off-Ramp to Tennessee St Off-Ramp	89,661	7%	6,618	61	B	1,169	14,668	15,837

TABLE 2-7. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Tennessee St Off-Ramp to Tennessee St On-Ramp	78,206	8%	6,142	60	A	3,950	46,354	50,305
Tennessee St On-Ramp to SR-210 SB On-Ramp	84,005	7%	6,238	59	B	1,238	15,430	16,668
SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ramp	106,196	9%	9,183	58	B	465	4,909	5,373
Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Ramp	91,354	10%	8,795	57	B	3,789	35,564	39,353
Pearl Ave On-Ramp to University St Off-Ramp	96,092	9%	8,891	56	C	2,643	25,918	28,561
University St Off-Ramp to Cypress Ave On-Ramp	83,574	10%	8,629	58	B	6,865	59,619	66,483
Cypress Ave On-Ramp to Ford St Off-Ramp	85,609	10%	8,656	61	B	3,962	35,228	39,190
Ford St Off-Ramp to Redlands Blvd On-Ramp	87,606	10%	8,491	60	B	5,520	51,432	56,952
Redlands Blvd On-Ramp to Wabash Ave On-Ramp	92,859	9%	8,559	61	B	5,050	49,733	54,783
LA County Line to Monte Vista Ave Off-Ramp	34,609	0%	0	54	B	0	8,867	8,867
HIGH OCCUPANCY VEHICLES LANES								
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	34,609	0%	0	54	B	0	23,409	23,409
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	34,609	0%	0	54	B	0	1,010	1,010
Central Ave Off-Ramp to Central Ave On-Ramp	34,609	0%	0	54	B	0	19,795	19,795
Central Ave On-Ramp to Mountain Ave Off-Ramp	34,609	0%	0	54	B	0	7,198	7,198
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	34,609	0%	0	54	B	0	11,866	11,866
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	34,377	0%	0	53	B	0	16,432	16,432
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	34,377	0%	0	53	B	0	22,185	22,185
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	34,377	0%	0	53	B	0	17,598	17,598
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	31,285	0%	0	58	B	0	5,382	5,382
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	31,285	0%	0	58	B	0	10,294	10,294
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	31,285	0%	0	58	B	0	7,649	7,649
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	31,285	0%	0	58	B	0	6,019	6,019
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	31,285	0%	0	58	B	0	10,590	10,590
Holt Blvd On-Ramp to Archibald Ave On-Ramp	31,285	0%	0	58	B	0	12,204	12,204
Archibald Ave On-Ramp to Haven Ave Off-Ramp	31,285	0%	0	58	B	0	6,982	6,982
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	31,285	0%	0	58	B	0	13,014	13,014
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	22,859	0%	0	57	A	0	7,137	7,137
Haven Ave On-Ramp to Milliken Ave Off-Ramp	22,859	0%	0	57	A	0	5,123	5,123
Milliken Ave Off-Ramp to Milliken Ave Loop On-Ramp	22,859	0%	0	57	A	0	12,122	12,122
Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp	22,859	0%	0	57	A	0	1,214	1,214
I-15 NB Off-Ramp to I-15 SB Off-Ramp	22,859	0%	0	57	A	0	5,676	5,676

TABLE 2-7. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
I-15 SB Off-Ramp to I-15 NB On-Ramp	22,859	0%	0	57	A	0	7,011	7,011
I-15 NB On-Ramp to I-15 SB On-Ramp	22,859	0%	0	57	A	0	4,952	4,952
I-15 SB On-Ramp to Etiwanda Ave Off-Ramp	22,859	0%	0	57	A	0	3,218	3,218
Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp	22,859	0%	0	57	A	0	29,248	29,248
Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp	22,859	0%	0	57	A	0	21,133	21,133
Cherry Ave Off-Ramp to Cherry Ave On-Ramp	18,081	0%	0	60	A	0	11,015	11,015
Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citrus Ave in Existing)	18,081	0%	0	60	A	0	6,445	6,445
Beach Ave Off-Ramp to Beach Ave On-Ramp (Future)	18,081	0%	0	60	A	0	11,451	11,451
Beach Ave On-Ramp to Citrus Ave Off-Ramp (Future)	18,081	0%	0	60	A	0	8,103	8,103
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	18,081	0%	0	60	A	0	9,687	9,687
Citrus Ave On-Ramp to Sierra Ave Off-Ramp	18,081	0%	0	60	A	0	8,472	8,472
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	18,081	0%	0	60	A	0	11,525	11,525
Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar Ave in Existing)	18,081	0%	0	60	A	0	5,593	5,593
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	16,929	0%	0	61	A	0	6,274	6,274
Alder Ave On-Ramp to Cedar Ave Off-Ramp (Future)	16,929	0%	0	61	A	0	8,450	8,450
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	16,929	0%	0	61	A	0	14,370	14,370
Cedar Ave On-Ramp to Riverside Ave Off-Ramp	16,929	0%	0	61	A	0	13,467	13,467
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	16,929	0%	0	61	A	0	9,766	9,766
Riverside Ave On-Ramp to Pepper Ave Off-Ramp	16,929	0%	0	61	A	0	3,379	3,379
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	16,929	0%	0	61	A	0	11,169	11,169
Pepper Ave On-Ramp to Rancho Ave Off-Ramp	16,929	0%	0	61	A	0	4,411	4,411
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	16,929	0%	0	61	A	0	6,976	6,976
Rancho Ave On-Ramp to La Cadena Dr Off-Ramp	16,929	0%	0	61	A	0	3,040	3,040
La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th St On-Ramp	16,929	0%	0	61	A	0	8,962	8,962
La Cadena Dr/9th St On-Ramp to Mt Vernon Ave Off-Ramp	16,929	0%	0	61	A	0	475	475
Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ramp	18,292	0%	0	60	A	0	11,080	11,080
Mt Vernon Ave On-Ramp to I-215 Off-Ramp	18,292	0%	0	60	A	0	885	885
I-215 Off-Ramp to I-215 NB On-Ramp	18,292	0%	0	60	A	0	17,229	17,229
I-215 NB On-Ramp to I-215 SB On-Ramp	18,292	0%	0	60	A	0	2,005	2,005
I-215 SB On-Ramp to Redlands Blvd Off-Ramp	18,292	0%	0	60	A	0	2,369	2,369
Redlands Blvd Off-Ramp to Waterman Ave Off-Ramp	18,292	0%	0	60	A	0	1,988	1,988
Waterman Ave Off-Ramp to Waterman Ave On-Ramp	18,292	0%	0	60	A	0	11,551	11,551

TABLE 2-7. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2025 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Waterman Ave On-Ramp to Anderson St Off-Ramp	18,292	0%	0	60	A	0	5,168	5,168
Anderson St Off-Ramp to Anderson St On-Ramp	21,057	0%	0	60	A	0	8,509	8,509
Anderson St On-Ramp to Mountain View Ave Off-Ramp	21,057	0%	0	60	A	0	4,381	4,381
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	21,057	0%	0	60	A	0	16,644	16,644
Mountain View Ave On-Ramp to California St Off-Ramp	21,057	0%	0	60	A	0	3,865	3,865
California St Off-Ramp to California St On-Ramp	21,057	0%	0	60	A	0	17,720	17,720
California St On-Ramp to Alabama St Off-Ramp	10,785	0%	0	58	A	0	1,895	1,895
Alabama St Off-Ramp to SR-210 NB Off-Ramp	10,785	0%	0	58	A	0	4,223	4,223
SR-210 NB Off-Ramp to Tennessee St Off-Ramp	10,785	0%	0	58	A	0	1,905	1,905
Tennessee St Off-Ramp to Tennessee St On-Ramp	10,785	0%	0	58	A	0	6,937	6,937
Tennessee St On-Ramp to SR-210 SB On-Ramp	10,785	0%	0	58	A	0	2,140	2,140
SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ramp	10,785	0%	0	58	A	0	546	546
Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Ramp	11,411	0%	0	57	A	0	4,915	4,915
Pearl Ave On-Ramp to University St Off-Ramp	11,411	0%	0	57	A	0	3,391	3,391
University St Off-Ramp to Cypress Ave On-Ramp	11,411	0%	0	57	A	0	9,077	9,077
Cypress Ave On-Ramp to Ford St Off-Ramp	11,411	0%	0	57	A	0	5,224	5,224

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-8. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
Wabash Ave Off-Ramp to Redlands Blvd/Ford St Off-Ramp	97,992	11%	10,461	58	D	4,207	35,201	39,408
Redlands Blvd/Ford St Off-Ramp to Ford St On-Ramp	92,785	11%	10,399	60	D	8,124	64,363	72,487
Ford St On-Ramp to Cypress Ave Off-Ramp	92,198	11%	10,578	60	D	5,272	40,673	45,944
Cypress Ave Off-Ramp to University St On-Ramp	89,880	12%	10,548	58	C	7,901	59,425	67,326
University St On-Ramp to 6th St Off-Ramp	101,938	11%	10,804	57	D	4,099	34,578	38,677
6th St Off-Ramp to Orange St Loop On-Ramp	96,123	11%	10,677	58	D	3,840	30,730	34,569
Orange St Loop On-Ramp to Orange St On-Ramp	107,242	10%	10,888	60	C	4,079	36,093	40,171
Orange St On-Ramp to SR-210 NB Off-Ramp	113,340	10%	11,120	59	D	1,918	17,628	19,546
SR-210 Off-Ramp to Tennessee Off-Ramp	89,565	9%	8,457	59	C	2,254	21,617	23,871
Tennessee St Off-Ramp to Alabama St Off-Ramp	86,535	10%	8,414	60	C	1,468	13,632	15,100
Alabama St Off-Ramp to SR-210 SB On-Ramp	84,007	10%	8,368	62	C	6,551	59,216	65,767
SR-210 SB On-Ramp to Alabama St On-Ramp	97,677	9%	8,652	62	C	2,259	23,240	25,498
Alabama St On-Ramp to California St Off-Ramp	119,736	8%	9,513	62	C	1,157	13,410	14,567
California St Off-Ramp to California St On-Ramp	105,242	9%	9,426	60	D	8,125	82,589	90,714
California St On-Ramp to Mountain View Ave Off-Ramp	116,092	9%	9,897	61	D	1,905	20,437	22,341
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	107,127	9%	9,698	60	D	2,158	21,678	23,836
Mountain View Ave On-Ramp to Tippecanoe Ave Off-Ramp	120,428	8%	10,217	61	D	2,112	22,783	24,895
Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-Ramp	115,063	9%	10,164	55	D	7,699	79,466	87,165
Tippecanoe Ave On-Ramp to Hospitality Ln/Carnegie Dr Off-Ramp	126,053	8%	10,456	57	D	1,166	12,891	14,057
Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitality Ln/Carnegie Dr On-Ramp	118,357	9%	10,230	54	D	4,868	51,451	56,319
Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB Off-Ramp	126,952	8%	10,698	57	D	3,014	32,759	35,773
I-215 NB Off-Ramp to Sunwest Ln On-Ramp	71,174	11%	7,584	61	B	5,328	44,677	50,005
Sunwest Ln On-Ramp to I-215 NB On-Ramp	78,186	10%	7,823	61	B	1,637	14,724	16,361
I-215 NB On-Ramp to I-215 SB On-Ramp	80,307	10%	7,887	60	B	1,443	13,249	14,691
I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Ramp	101,520	8%	8,583	60	C	1,590	17,216	18,806
Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave On-Ramp	95,413	9%	8,496	59	C	6,171	63,135	69,306
Mt Vernon Ave On-Ramp to 9th St Off-Ramp	104,253	8%	8,792	60	C	407	4,422	4,830
9th St Off-Ramp to La Cadena Dr On-Ramp	97,019	9%	8,694	59	C	5,386	54,717	60,103
La Cadena Dr On-Ramp to Rancho Ave Off-Ramp	101,528	9%	8,894	58	D	784	8,161	8,944
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	96,059	9%	8,804	59	C	5,143	50,971	56,114
Rancho Ave On-Ramp to Pepper Ave Off-Ramp	102,859	9%	9,022	58	D	3,759	39,097	42,856

TABLE 2-8. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	95,154	9%	8,883	59	C	5,282	51,303	56,585
Pepper Ave On-Ramp to Riverside Ave Off-Ramp	101,263	9%	9,055	61	C	1,542	15,698	17,240
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	91,119	10%	8,776	62	C	5,179	48,598	53,777
Riverside Ave On-Ramp to Cedar Ave Off-Ramp	103,373	9%	9,363	61	C	7,983	80,156	88,139
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	90,974	10%	9,044	60	C	6,571	59,525	66,095
Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra Ave in existing)	102,273	9%	9,551	61	C	5,004	48,577	53,581
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	102,273	9%	9,551	61	C	3,583	34,789	38,373
Alder Ave On-Ramp to Alder Ave Off-Ramp (Future)	102,876	9%	9,551	61	C	3,454	33,755	37,210
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	91,744	10%	9,381	60	C	6,472	56,824	63,296
Sierra Ave On-Ramp to Citrus Ave Off-Ramp	102,654	9%	9,727	61	C	3,790	36,213	40,004
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	94,723	10%	9,505	59	C	5,123	45,935	51,058
Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in existing)	108,231	9%	10,069	62	C	4,211	41,052	45,262
Beach Ave Off-Ramp to Beach Ave On-Ramp	103,453	10%	9,858	60	D	6,216	59,019	65,235
Beach Ave On-Ramp to Cherry Off-Ramp	113,093	9%	10,358	61	D	4,086	40,522	44,607
Cherry Off-Ramp to Cherry On-Ramp	101,572	10%	9,808	61	D	5,399	50,511	55,909
Cherry On-Ramp to Etiwanda Ave Off-Ramp	110,645	10%	11,050	62	C	14,011	126,282	140,294
Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-Ramp	103,878	10%	10,631	60	D	7,219	63,321	70,541
Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-Ramp	114,440	10%	11,710	54	D	3,048	26,740	29,788
Etiwanda Ave On-Ramp to I-15 Off-Ramp	118,326	10%	12,215	58	D	1,626	14,121	15,746
I-15 Off-Ramp to I-15 SB On-Ramp	94,223	12%	11,067	58	C	6,278	47,174	53,452
I-15 SB On-Ramp to I-15 NB On-Ramp	127,577	11%	14,238	56	D	1,893	15,070	16,963
I-15 NB On-Ramp to Milliken Ave Off-Ramp	148,065	11%	16,153	57	D	334	2,724	3,058
Milliken Ave Off-Ramp to Milliken Ave On-Ramp	138,312	11%	15,635	55	D	9,074	71,199	80,273
Milliken Ave On-Ramp to Haven Ave Off-Ramp	148,900	11%	16,571	52	E	4,137	33,033	37,170
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	139,475	12%	16,046	47	E	6,599	50,761	57,360
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	132,994	13%	16,838	50	E	4,861	33,535	38,396
Haven Ave On-Ramp to Archibald Ave Off-Ramp	139,708	12%	17,232	55	D	4,710	33,477	38,187
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	134,018	13%	17,016	56	D	5,521	37,965	43,487
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	115,111	14%	15,933	60	D	9,968	62,048	72,016
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	126,849	13%	16,494	61	D	2,524	16,885	19,408
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	117,417	14%	16,278	59	D	5,886	36,569	42,455
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	124,370	14%	17,045	58	D	3,244	20,424	23,668

TABLE 2-8. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Vineyard Ave On-Ramp to 4th St Off-Ramp	128,946	13%	17,235	53	D	6,271	40,650	46,921
4th St Off-Ramp to 4th St On-Ramp	116,378	15%	16,955	56	D	6,587	38,628	45,216
4th St On-Ramp to 7th St Off-Ramp	134,566	13%	17,988	51	E	4,660	30,200	34,860
7th St Off-Ramp to Euclid Ave Loop On-Ramp	124,161	14%	17,740	55	D	7,068	42,399	49,467
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	131,249	14%	17,978	53	D	6,456	40,676	47,132
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	141,094	13%	18,224	49	E	7,707	51,966	59,673
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	128,884	14%	17,562	54	D	5,733	36,337	42,070
Mountain Ave On-Ramp to Central Ave Off-Ramp	136,756	13%	17,865	50	E	4,902	32,624	37,526
Central Ave Off-Ramp to Central Ave On-Ramp	125,144	14%	17,410	54	D	9,166	56,717	65,883
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	136,313	13%	17,808	57	D	899	5,980	6,878
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	128,669	14%	17,441	54	D	9,766	62,285	72,051
HIGH OCCUPANCY VEHICLES LANES								
Ford St On-Ramp to Cypress Ave Off-Ramp	11,030	0%	0	60	A	0	4,436	4,436
Cypress Ave Off-Ramp to University St On-Ramp	11,030	0%	0	60	A	0	8,617	8,617
University St On-Ramp to 6th St Off-Ramp	11,030	0%	0	60	A	0	5,496	5,496
6th St Off-Ramp to Orange St Loop On-Ramp	11,030	0%	0	60	A	0	8,262	8,262
Orange St Loop On-Ramp to Orange St On-Ramp	11,110	0%	0	60	A	0	4,215	4,215
Orange St On-Ramp to SR-210 NB Off-Ramp	11,110	0%	0	60	A	0	3,995	3,995
SR-210 Off-Ramp to Tennessee Off-Ramp	11,110	0%	0	60	A	0	4,162	4,162
Tennessee St Off-Ramp to Alabama St Off-Ramp	11,110	0%	0	60	A	0	1,916	1,916
Alabama St Off-Ramp to SR-210 SB On-Ramp	11,110	0%	0	60	A	0	2,961	2,961
SR-210 SB On-Ramp to Alabama St On-Ramp	11,110	0%	0	60	A	0	1,939	1,939
Alabama St On-Ramp to California St Off-Ramp	11,110	0%	0	60	A	0	8,697	8,697
California St Off-Ramp to California St On-Ramp	20,814	0%	0	60	A	0	5,434	5,434
California St On-Ramp to Mountain View Ave Off-Ramp	20,814	0%	0	60	A	0	2,532	2,532
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	21,076	0%	0	60	B	0	18,167	18,167
Mountain View Ave On-Ramp to Tippecanoe Ave Off-Ramp	21,076	0%	0	60	B	0	4,056	4,056
Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-Ramp	21,076	0%	0	60	B	0	4,690	4,690
Tippecanoe Ave On-Ramp to Hospitality Ln/Carnegie Dr Off-Ramp	21,076	0%	0	60	B	0	4,357	4,357
Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitality Ln/Carnegie Dr On-Ramp	21,076	0%	0	60	B	0	15,966	15,966
Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB Off-Ramp	21,076	0%	0	60	B	0	2,350	2,350
I-215 NB Off-Ramp to Sunwest Ln On-Ramp	21,076	0%	0	60	B	0	10,029	10,029

TABLE 2-8. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Sunwest Ln On-Ramp to I-215 NB On-Ramp	21,076	0%	0	60	B	0	5,939	5,939
I-215 NB On-Ramp to I-215 SB On-Ramp	21,076	0%	0	60	B	0	14,808	14,808
I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Ramp	21,076	0%	0	60	B	0	4,410	4,410
Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave On-Ramp	21,076	0%	0	60	B	0	3,856	3,856
Mt Vernon Ave On-Ramp to 9th St Off-Ramp	20,509	0%	0	60	A	0	3,799	3,799
9th St Off-Ramp to La Cadena Dr On-Ramp	20,509	0%	0	60	A	0	14,897	14,897
La Cadena Dr On-Ramp to Rancho Ave Off-Ramp	20,509	0%	0	60	A	0	950	950
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	20,509	0%	0	60	A	0	12,705	12,705
Rancho Ave On-Ramp to Pepper Ave Off-Ramp	20,509	0%	0	60	A	0	1,807	1,807
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	20,509	0%	0	60	A	0	11,981	11,981
Pepper Ave On-Ramp to Riverside Ave Off-Ramp	20,509	0%	0	60	A	0	8,545	8,545
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	20,509	0%	0	60	A	0	12,196	12,196
Riverside Ave On-Ramp to Cedar Ave Off-Ramp	20,509	0%	0	60	A	0	3,492	3,492
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	20,509	0%	0	60	A	0	12,104	12,104
Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra Ave in existing)	20,509	0%	0	60	A	0	17,487	17,487
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	19,906	0%	0	61	A	0	14,462	14,462
Alder Ave On-Ramp to Alder Ave Off-Ramp (Future)	19,906	0%	0	61	A	0	10,429	10,429
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	19,906	0%	0	61	A	0	7,469	7,469
Sierra Ave On-Ramp to Citrus Ave Off-Ramp	19,906	0%	0	61	A	0	7,200	7,200
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	19,906	0%	0	61	A	0	13,734	13,734
Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in existing)	19,906	0%	0	61	A	0	7,757	7,757
Beach Ave Off-Ramp to Beach Ave On-Ramp	19,906	0%	0	61	A	0	10,730	10,730
Beach Ave On-Ramp to Cherry Off-Ramp	19,906	0%	0	61	A	0	8,325	8,325
Cherry Off-Ramp to Cherry On-Ramp	19,906	0%	0	61	A	0	12,552	12,552
Cherry On-Ramp to Etiwanda Ave Off-Ramp	26,983	0%	0	58	B	0	10,643	10,643
Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-Ramp	26,983	0%	0	58	B	0	14,853	14,853
Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-Ramp	26,983	0%	0	58	B	0	34,214	34,214
Etiwanda Ave On-Ramp to I-15 Off-Ramp	26,983	0%	0	58	B	0	18,323	18,323
I-15 Off-Ramp to I-15 SB On-Ramp	26,983	0%	0	58	B	0	7,024	7,024
I-15 SB On-Ramp to I-15 NB On-Ramp	26,983	0%	0	58	B	0	3,591	3,591
I-15 NB On-Ramp to Milliken Ave Off-Ramp	26,983	0%	0	58	B	0	15,307	15,307
Milliken Ave Off-Ramp to Milliken Ave On-Ramp	26,983	0%	0	58	B	0	3,588	3,588

TABLE 2-8. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2025 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Milliken Ave On-Ramp to Haven Ave Off-Ramp	26,983	0%	0	58	B	0	557	557
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	26,983	0%	0	58	B	0	15,660	15,660
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	40,813	0%	0	57	D	0	10,188	10,188
Haven Ave On-Ramp to Archibald Ave Off-Ramp	40,813	0%	0	57	D	0	16,784	16,784
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	40,813	0%	0	57	D	0	11,783	11,783
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	40,813	0%	0	57	D	0	11,156	11,156
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	40,813	0%	0	57	D	0	13,243	13,243
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	40,813	0%	0	57	D	0	25,533	25,533
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	40,813	0%	0	57	D	0	6,245	6,245
Vineyard Ave On-Ramp to 4th St Off-Ramp	40,813	0%	0	57	D	0	14,757	14,757
4th St Off-Ramp to 4th St On-Ramp	40,813	0%	0	57	D	0	7,767	7,767
4th St On-Ramp to 7th St Off-Ramp	40,813	0%	0	57	D	0	14,851	14,851
7th St Off-Ramp to Euclid Ave Loop On-Ramp	42,610	0%	0	51	D	0	16,555	16,555
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	42,610	0%	0	51	D	0	11,038	11,038
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	42,610	0%	0	51	D	0	16,976	16,976
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	45,245	0%	0	51	D	0	16,248	16,248
Mountain Ave On-Ramp to Central Ave Off-Ramp	45,245	0%	0	51	D	0	19,136	19,136
Central Ave Off-Ramp to Central Ave On-Ramp	45,245	0%	0	51	D	0	14,769	14,769
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	45,245	0%	0	51	D	0	12,415	12,415
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	45,245	0%	0	51	D	0	23,820	23,820

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-9. ALTERNATIVE 1 (NO-BUILD) DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
LA County Line to Monte Vista Ave Off-Ramp	147,388	12%	17,576	42	E	4,503	33,260	37,763
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	137,866	13%	17,246	46	D	11,665	81,587	93,253
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	146,481	12%	17,678	50	D	516	3,760	4,276
Central Ave Off-Ramp to Central Ave On-Ramp	134,897	13%	17,239	47	D	9,860	67,298	77,159
Central Ave On-Ramp to Mountain Ave Off-Ramp	146,187	12%	17,625	50	D	3,666	26,738	30,404
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	133,155	13%	17,259	49	D	5,918	39,738	45,656
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	146,726	12%	17,828	42	E	8,521	61,611	70,133
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	131,704	13%	17,306	48	D	11,168	73,825	84,994
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	142,129	12%	17,689	43	E	9,055	63,701	72,756
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	123,373	14%	16,920	51	D	2,911	18,313	21,224
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	138,409	13%	17,359	45	E	5,712	39,832	45,544
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	127,515	13%	16,422	50	D	4,015	27,160	31,175
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	143,386	12%	16,931	52	D	3,257	24,328	27,585
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	125,946	12%	15,507	51	D	5,249	37,382	42,631
Holt Blvd On-Ramp to Archibald Ave On-Ramp	147,799	12%	17,122	47	D	6,679	50,978	57,657
Archibald Ave On-Ramp to Haven Ave Off-Ramp	148,752	12%	17,420	47	D	3,888	29,312	33,200
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	135,801	12%	16,318	44	D	6,788	49,703	56,491
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	172,650	10%	16,605	38	F	5,184	48,719	53,903
Haven Ave On-Ramp to Milliken Ave Off-Ramp	179,304	10%	17,136	43	E	3,840	36,343	40,184
Milliken Ave Off-Ramp to Milliken Ave Loop On-Ramp	161,697	10%	15,767	42	E	8,361	77,388	85,749
Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp	172,236	10%	16,479	46	E	875	8,273	9,149
I-15 NB Off-Ramp to I-15 SB Off-Ramp	137,635	8%	10,449	49	D	2,595	31,582	34,177
I-15 SB Off-Ramp to I-15 NB On-Ramp	117,209	8%	8,959	49	D	2,748	33,201	35,949
I-15 NB On-Ramp to I-15 SB On-Ramp	145,897	7%	10,797	50	D	2,339	29,270	31,609
I-15 SB On-Ramp to Etiwanda Ave Off-Ramp	148,223	7%	10,915	45	E	1,536	19,328	20,865
Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp	141,059	7%	9,851	43	E	12,605	167,885	180,490
Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp	146,573	7%	10,353	48	D	9,571	125,935	135,506
Cherry Ave Off-Ramp to Cherry Ave On-Ramp	126,007	7%	8,920	48	D	5,434	71,327	76,761
Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citrus Ave in existing)	143,326	7%	9,828	48	D	3,503	47,587	51,091
Beach Ave Off-Ramp to Beach Ave On-Ramp (Future)	137,089	7%	9,364	50	D	5,930	80,891	86,822
Beach Ave On-Ramp to Citrus Ave Off-Ramp (Future)	143,666	7%	9,675	48	D	4,336	60,045	64,380

TABLE 2-9. ALTERNATIVE 1 (NO-BUILD) DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	133,184	7%	9,326	45	E	4,996	66,355	71,352
Citrus Ave On-Ramp to Sierra Ave Off-Ramp	141,906	7%	9,615	47	D	4,505	61,984	66,489
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	125,692	7%	9,031	45	D	5,757	74,363	80,120
Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar Ave in existing)	138,087	7%	9,281	48	D	2,871	39,842	42,712
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	138,087	7%	9,281	48	D	3,439	47,733	51,172
Alder Ave On-Ramp to Cedar Ave Off-Ramp (Future)	138,087	7%	9,281	48	D	4,632	64,291	68,923
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	120,364	7%	8,265	47	D	7,015	95,149	102,164
Cedar Ave On-Ramp to Riverside Ave Off-Ramp	127,590	7%	8,532	51	D	6,787	94,706	101,493
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	114,929	7%	7,985	52	D	4,606	61,693	66,300
Riverside Ave On-Ramp to Pepper Ave Off-Ramp	127,469	7%	8,444	51	C	1,685	23,753	25,438
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	120,093	7%	8,238	47	D	5,435	73,792	79,227
Pepper Ave On-Ramp to Rancho Ave Off-Ramp	126,307	7%	8,393	52	C	2,187	30,724	32,911
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	126,307	7%	8,393	52	C	3,458	48,585	52,043
Rancho Ave On-Ramp to La Cadena Dr Off-Ramp	121,520	7%	8,227	54	C	1,477	20,345	21,822
La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th St On-Ramp	114,743	7%	7,908	50	D	4,186	56,557	60,743
La Cadena Dr/9th St On-Ramp to Mt Vernon Ave Off-Ramp	119,771	7%	8,013	54	C	225	3,137	3,361
Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ramp	113,391	7%	7,822	55	C	4,738	63,947	68,685
Mt Vernon Ave On-Ramp to I-215 Off-Ramp	117,796	7%	7,935	53	C	384	5,318	5,702
I-215 Off-Ramp to I-215 NB On-Ramp	99,958	7%	7,024	55	B	6,616	87,535	94,151
I-215 NB On-Ramp to I-215 SB On-Ramp	143,319	7%	9,511	47	D	1,043	14,667	15,710
I-215 SB On-Ramp to Redlands Blvd Off-Ramp	177,729	7%	11,790	43	E	1,527	21,487	23,014
Redlands Blvd Off-Ramp to Waterman Ave Off-Ramp	161,910	7%	11,226	41	E	1,220	16,380	17,600
Waterman Ave Off-Ramp to Waterman Ave On-Ramp	154,030	7%	10,812	35	F	6,828	90,441	97,269
Waterman Ave On-Ramp to Anderson St Off-Ramp	160,708	7%	11,055	42	E	3,123	42,280	45,403
Anderson St Off-Ramp to Anderson St On-Ramp	147,109	7%	10,503	38	E	4,244	55,201	59,445
Anderson St On-Ramp to Mountain View Ave Off-Ramp	152,480	7%	10,542	48	E	2,193	29,531	31,725
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	139,064	7%	9,904	45	E	7,828	102,092	109,920
Mountain View Ave On-Ramp to California St Off-Ramp	151,460	7%	10,241	48	E	1,880	25,921	27,801
California St Off-Ramp to California St On-Ramp	139,933	7%	9,627	44	E	8,101	109,657	117,758
California St On-Ramp to Alabama St Off-Ramp	147,406	7%	9,780	48	D	1,719	24,188	25,907
Alabama St Off-Ramp to SR-210 NB Off-Ramp	134,325	7%	9,307	51	D	3,644	48,950	52,594
SR-210 NB Off-Ramp to Tennessee St Off-Ramp	115,732	8%	8,730	52	C	1,542	18,900	20,442

TABLE 2-9. ALTERNATIVE 1 (NO-BUILD) DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Tennessee St Off-Ramp to Tennessee St On-Ramp	102,471	8%	8,062	53	C	5,186	60,727	65,913
Tennessee St On-Ramp to SR-210 SB On-Ramp	108,938	8%	8,177	52	C	1,622	19,992	21,615
SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ramp	141,801	9%	13,040	45	D	660	6,515	7,175
Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Ramp	126,064	10%	12,541	43	E	5,402	48,902	54,304
Pearl Ave On-Ramp to University St Off-Ramp	132,318	10%	12,687	47	D	3,771	35,557	39,328
University St Off-Ramp to Cypress Ave On-Ramp	118,385	10%	12,336	44	D	9,813	84,363	94,176
Cypress Ave On-Ramp to Ford St Off-Ramp	122,854	10%	12,408	50	D	5,680	50,560	56,240
Ford St Off-Ramp to Redlands Blvd On-Ramp	90,541	14%	12,264	53	C	7,973	50,888	58,861
Redlands Blvd On-Ramp to Wabash Ave On-Ramp	101,142	12%	12,405	55	B	7,318	52,351	59,669
LA County Line to Monte Vista Ave Off-Ramp	21,124	0%	0	48	A	0	5,412	5,412
HIGH OCCUPANCY VEHICLES LANES								
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	21,124	0%	0	48	A	0	14,288	14,288
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	21,124	0%	0	48	A	0	617	617
Central Ave Off-Ramp to Central Ave On-Ramp	21,124	0%	0	48	A	0	12,083	12,083
Central Ave On-Ramp to Mountain Ave Off-Ramp	21,124	0%	0	48	A	0	4,393	4,393
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	22,359	0%	0	47	B	0	7,666	7,666
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	22,359	0%	0	47	B	0	10,687	10,687
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	22,359	0%	0	47	B	0	14,429	14,429
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	22,359	0%	0	47	B	0	11,446	11,446
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	26,762	0%	0	48	C	0	4,604	4,604
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	26,762	0%	0	48	C	0	8,806	8,806
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	26,762	0%	0	48	C	0	6,543	6,543
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	26,762	0%	0	48	C	0	5,149	5,149
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	26,762	0%	0	48	C	0	9,059	9,059
Holt Blvd On-Ramp to Archibald Ave On-Ramp	26,762	0%	0	48	C	0	10,440	10,440
Archibald Ave On-Ramp to Haven Ave Off-Ramp	31,725	0%	0	32	D	0	7,081	7,081
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	31,725	0%	0	32	D	0	13,197	13,197

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-10. ALTERNATIVE 1 (NO-BUILD) DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
Wabash Ave Off-Ramp to Redlands Blvd/Ford St Off-Ramp	103,485	12%	12,631	54	C	5,080	36,537	41,617
Redlands Blvd/Ford St Off-Ramp to Ford St On-Ramp	96,703	13%	12,509	54	C	9,772	65,775	75,548
Ford St On-Ramp to Cypress Ave Off-Ramp	131,433	10%	12,682	48	E	6,320	59,177	65,496
Cypress Ave Off-Ramp to University St On-Ramp	127,789	10%	12,628	42	E	9,459	86,264	95,723
University St On-Ramp to 6th St Off-Ramp	140,838	9%	12,962	47	D	4,918	48,519	53,437
6th St Off-Ramp to Orange St Loop On-Ramp	133,659	10%	12,776	41	E	4,595	43,474	48,069
Orange St Loop On-Ramp to Orange St On-Ramp	145,606	9%	13,041	45	E	4,885	49,657	54,542
Orange St On-Ramp to SR-210 NB Off-Ramp	152,476	9%	13,344	42	E	2,301	23,993	26,295
SR-210 Off-Ramp to Tennessee Off-Ramp	113,726	7%	8,494	52	C	2,264	28,047	30,311
Tennessee St Off-Ramp to Alabama St Off-Ramp	110,333	8%	8,446	53	C	1,474	17,779	19,253
Alabama St Off-Ramp to SR-210 SB On-Ramp	106,068	8%	8,362	57	C	6,546	76,492	83,038
SR-210 SB On-Ramp to Alabama St On-Ramp	121,076	7%	8,643	57	C	2,256	29,350	31,607
Alabama St On-Ramp to California St Off-Ramp	147,327	7%	9,669	55	C	1,176	16,748	17,924
California St Off-Ramp to California St On-Ramp	140,230	7%	9,525	46	E	8,210	112,662	120,872
California St On-Ramp to Mountain View Ave Off-Ramp	152,698	7%	10,125	49	E	1,948	27,437	29,386
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	141,562	7%	9,832	45	E	2,188	29,310	31,498
Mountain View Ave On-Ramp to Tippecanoe Ave Off-Ramp	158,844	7%	10,616	46	E	2,195	30,641	32,836
Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-Ramp	152,212	7%	10,544	36	F	7,988	107,320	115,307
Tippecanoe Ave On-Ramp to Hospitality Ln/ Carnegie Dr Off-Ramp	164,924	7%	10,857	41	E	1,211	17,181	18,391
Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitality Ln/ Carnegie Dr On-Ramp	156,433	7%	10,554	35	F	5,022	69,415	74,437
Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB Off-Ramp	166,701	7%	11,061	40	E	3,117	43,857	46,974
I-215 NB Off-Ramp to Sunwest Ln On-Ramp	103,912	7%	7,296	56	B	5,126	67,880	73,006
Sunwest Ln On-Ramp to I-215 NB On-Ramp	111,558	7%	7,572	53	C	1,585	21,760	23,345
I-215 NB On-Ramp to I-215 SB On-Ramp	113,205	7%	7,628	53	C	1,395	19,314	20,710
I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Ramp	139,322	6%	8,539	49	D	1,582	24,227	25,809
Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave On-Ramp	131,823	6%	8,405	46	D	6,105	89,649	95,754
Mt Vernon Ave On-Ramp to 9th St Off-Ramp	140,652	6%	8,675	50	D	402	6,114	6,516
9th St Off-Ramp to La Cadena Dr On-Ramp	132,446	6%	8,541	45	D	5,291	76,758	82,050
La Cadena Dr On-Ramp to Rancho Ave Off-Ramp	137,619	6%	8,757	51	D	771	11,353	12,124
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	132,882	7%	8,697	45	D	5,080	72,544	77,625
Rancho Ave On-Ramp to Pepper Ave Off-Ramp	140,518	6%	8,906	50	D	3,711	54,836	58,547

TABLE 2-10. ALTERNATIVE 1 (NO-BUILD) DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	131,417	7%	8,710	46	D	5,180	72,970	78,150
Pepper Ave On-Ramp to Riverside Ave Off-Ramp	138,389	6%	8,899	50	D	1,515	22,046	23,561
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	125,975	7%	8,451	50	D	4,988	69,361	74,348
Riverside Ave On-Ramp to Cedar Ave Off-Ramp	141,136	6%	9,115	49	D	7,772	112,566	120,338
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	131,055	7%	8,783	46	D	6,381	88,835	95,216
Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra Ave in existing)	143,928	6%	9,300	48	D	4,872	70,531	75,403
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	143,928	6%	9,300	48	D	3,489	50,512	54,002
Alder Ave On-Ramp to Alder Ave Off-Ramp (Future)	143,928	6%	9,300	48	D	3,364	48,694	52,058
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	131,982	7%	9,296	46	D	6,414	84,644	91,057
Sierra Ave On-Ramp to Citrus Ave Off-Ramp	140,608	7%	9,544	50	D	3,719	51,074	54,794
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	131,237	7%	9,246	46	D	4,984	65,757	70,740
Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in existing)	145,772	7%	9,795	50	D	4,096	56,866	60,962
Beach Ave Off-Ramp to Beach Ave On-Ramp	139,618	7%	9,513	52	D	5,999	82,042	88,040
Beach Ave On-Ramp to Cherry Off-Ramp	149,501	7%	10,053	49	E	3,965	55,003	58,968
Cherry Off-Ramp to Cherry On-Ramp	135,081	7%	9,269	47	E	5,102	69,252	74,354
Cherry On-Ramp to Etiwanda Ave Off-Ramp	152,411	7%	10,507	48	E	13,322	179,929	193,251
Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-Ramp	144,621	7%	9,895	43	E	6,719	91,488	98,208
Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-Ramp	151,928	7%	10,766	35	F	2,802	36,744	39,547
Etiwanda Ave On-Ramp to I-15 Off-Ramp	155,069	7%	11,057	43	E	1,471	19,164	20,636
I-15 Off-Ramp to I-15 SB On-Ramp	124,277	8%	9,628	47	D	5,462	65,039	70,501
I-15 SB On-Ramp to I-15 NB On-Ramp	158,617	8%	12,639	41	E	1,681	19,410	21,091
I-15 NB On-Ramp to Milliken Ave Off-Ramp	177,334	8%	13,672	53	D	282	3,380	3,662
Milliken Ave Off-Ramp to Milliken Ave On-Ramp	165,112	8%	12,875	40	E	7,472	88,355	95,827
Milliken Ave On-Ramp to Haven Ave Off-Ramp	175,206	8%	13,819	36	F	3,450	40,287	43,737
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	132,425	10%	13,068	45	D	5,374	49,086	54,460
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	138,909	10%	13,518	42	E	3,903	36,201	40,104
Haven Ave On-Ramp to Archibald Ave Off-Ramp	145,906	10%	14,057	47	D	3,842	36,039	39,881
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	139,544	10%	13,787	50	D	4,474	40,806	45,280
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	118,878	10%	12,178	54	C	7,619	66,754	74,373
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	136,913	10%	13,192	54	D	2,018	18,930	20,948
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	125,021	10%	12,846	52	D	4,645	40,560	45,204
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	130,703	10%	13,541	50	D	2,577	22,297	24,874

TABLE 2-10. ALTERNATIVE 1 (NO-BUILD) DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Vineyard Ave On-Ramp to 4th St Off-Ramp	138,601	10%	13,735	44	E	4,998	45,437	50,435
4th St Off-Ramp to 4th St On-Ramp	122,308	11%	13,287	51	D	5,162	42,357	47,520
4th St On-Ramp to 7th St Off-Ramp	140,657	10%	14,024	44	E	3,633	32,805	36,438
7th St Off-Ramp to Euclid Ave Loop On-Ramp	127,597	11%	13,665	49	D	5,444	45,391	50,836
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	135,217	10%	13,867	46	D	4,980	43,577	48,557
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	146,009	10%	14,143	41	E	5,982	55,770	61,752
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	132,377	10%	13,326	47	D	4,350	38,860	43,210
Mountain Ave On-Ramp to Central Ave Off-Ramp	143,780	10%	13,667	42	E	3,750	35,703	39,454
Central Ave Off-Ramp to Central Ave On-Ramp	128,164	10%	13,166	49	D	6,931	60,541	67,473
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	141,722	10%	13,506	51	D	682	6,470	7,151
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	133,886	10%	13,084	47	D	7,327	67,646	74,973
HIGH OCCUPANCY VEHICLES LANES								
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	29,765	0%	0	36	C	0	12,241	12,241
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	29,765	0%	0	36	C	0	8,593	8,593
Haven Ave On-Ramp to Archibald Ave Off-Ramp	30,172	0%	0	35	C	0	8,247	8,247
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	26,762	0%	0	40	C	0	8,684	8,684
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	26,762	0%	0	40	C	0	16,743	16,743
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	26,762	0%	0	40	C	0	4,095	4,095
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	26,762	0%	0	40	C	0	9,676	9,676
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	25,389	0%	0	44	B	0	4,832	4,832
Vineyard Ave On-Ramp to 4th St Off-Ramp	25,389	0%	0	44	B	0	9,239	9,239
4th St Off-Ramp to 4th St On-Ramp	25,389	0%	0	44	B	0	9,864	9,864
4th St On-Ramp to 7th St Off-Ramp	25,389	0%	0	44	B	0	6,577	6,577
7th St Off-Ramp to Euclid Ave Loop On-Ramp	28,582	0%	0	40	C	0	11,387	11,387
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	28,582	0%	0	40	C	0	10,264	10,264
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	28,582	0%	0	40	C	0	12,088	12,088
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	28,582	0%	0	40	C	0	9,330	9,330
Mountain Ave On-Ramp to Central Ave Off-Ramp	28,582	0%	0	40	C	0	7,843	7,843
Central Ave Off-Ramp to Central Ave On-Ramp	31,762	0%	0	35	D	0	16,721	16,721
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	31,762	0%	0	35	D	0	1,603	1,603
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	31,762	0%	0	35	D	0	17,786	17,786

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-11. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
LA County Line to Monte Vista Ave Off-Ramp	144,632	12%	17,783	43	E	4,556	32,501	37,057
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	134,860	13%	17,509	48	D	11,843	79,376	91,219
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	155,156	12%	17,940	47	D	524	4,005	4,529
Central Ave Off-Ramp to Central Ave On-Ramp	140,124	13%	17,648	45	E	10,094	70,054	80,149
Central Ave On-Ramp to Mountain Ave Off-Ramp	147,236	12%	18,031	50	D	3,750	26,872	30,622
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	133,117	13%	17,619	49	D	6,041	39,601	45,642
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	146,415	12%	18,180	42	E	8,690	61,294	69,984
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	131,319	13%	17,661	48	D	11,397	73,348	84,745
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	148,572	12%	18,030	41	E	9,230	66,825	76,054
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	123,114	14%	17,324	51	D	2,980	18,199	21,180
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	137,960	13%	17,777	45	E	5,850	39,546	45,396
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	126,560	13%	16,840	50	D	4,117	26,825	30,942
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	149,327	12%	17,351	50	D	3,338	25,390	28,728
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	130,297	12%	15,956	50	D	5,401	38,703	44,104
Holt Blvd On-Ramp to Archibald Ave On-Ramp	153,922	11%	17,682	45	E	6,898	53,148	60,046
Archibald Ave On-Ramp to Haven Ave Off-Ramp	160,177	11%	17,998	42	E	4,017	31,733	35,749
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	138,373	12%	17,047	42	E	7,091	50,470	57,561
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	145,165	12%	17,398	47	D	5,432	39,890	45,322
Haven Ave On-Ramp to Milliken Ave Off-Ramp	151,855	12%	18,014	50	D	4,037	29,995	34,032
Milliken Ave Off-Ramp to Milliken Ave Loop On-Ramp	136,445	12%	16,629	49	D	8,819	63,540	72,358
Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp	149,772	12%	17,366	50	D	922	7,033	7,955
I-15 NB Off-Ramp to I-15 SB Off-Ramp	120,978	9%	11,136	52	C	2,765	27,276	30,041
I-15 SB Off-Ramp to I-15 NB On-Ramp	101,205	9%	9,506	52	C	2,916	28,125	31,040
I-15 NB On-Ramp to I-15 SB On-Ramp	128,942	9%	11,512	53	C	2,494	25,442	27,936
I-15 SB On-Ramp to Etiwanda Ave Off-Ramp	131,497	9%	11,640	48	D	1,639	16,872	18,510
Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp	123,692	9%	10,567	48	D	13,521	144,747	158,268
Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp	129,718	9%	11,123	51	D	10,283	109,641	119,924
Cherry Ave Off-Ramp to Cherry Ave On-Ramp	110,286	9%	9,597	51	D	5,846	61,338	67,184
Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citrus Ave in existing)	126,847	8%	10,514	50	D	3,748	41,469	45,216
Beach Ave Off-Ramp to Beach Ave On-Ramp (Future)	120,719	8%	10,036	52	C	6,356	70,098	76,454
Beach Ave On-Ramp to Citrus Ave Off-Ramp (Future)	126,683	8%	10,372	50	D	4,648	52,122	56,770

TABLE 2-11. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	116,675	9%	10,016	49	D	5,366	57,141	62,507
Citrus Ave On-Ramp to Sierra Ave Off-Ramp	124,209	8%	10,318	50	D	4,834	53,362	58,197
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	109,163	9%	9,704	49	C	6,186	63,398	69,584
Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar Ave in existing)	121,299	8%	9,964	51	C	3,082	34,438	37,520
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	121,299	8%	9,964	51	C	3,692	41,258	44,951
Alder Ave On-Ramp to Cedar Ave Off-Ramp (Future)	121,299	8%	9,964	51	C	4,973	55,571	60,544
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	104,903	8%	8,853	51	C	7,514	81,527	89,041
Cedar Ave On-Ramp to Riverside Ave Off-Ramp	112,357	8%	9,123	53	C	7,257	82,119	89,376
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	98,930	9%	8,499	55	C	4,903	52,167	57,070
Riverside Ave On-Ramp to Pepper Ave Off-Ramp	111,075	8%	8,969	54	C	1,790	20,377	22,167
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	101,761	9%	8,659	52	C	5,712	61,421	67,133
Pepper Ave On-Ramp to Rancho Ave Off-Ramp	107,128	8%	8,818	56	B	2,298	25,616	27,914
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	107,128	8%	8,818	56	B	3,633	40,507	44,141
Rancho Ave On-Ramp to La Cadena Dr Off-Ramp	109,570	8%	8,872	55	C	1,593	18,083	19,676
La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th St On-Ramp	102,411	8%	8,483	52	C	4,491	49,724	54,215
La Cadena Dr/9th St On-Ramp to Mt Vernon Ave Off-Ramp	107,289	8%	8,589	55	C	241	2,770	3,011
Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ramp	101,271	8%	8,374	57	B	5,072	56,271	61,344
Mt Vernon Ave On-Ramp to I-215 Off-Ramp	105,424	8%	8,492	55	B	411	4,692	5,103
I-215 Off-Ramp to I-215 NB On-Ramp	87,022	9%	7,492	57	B	7,057	74,910	81,967
I-215 NB On-Ramp to I-215 SB On-Ramp	130,087	8%	10,098	51	C	1,107	13,152	14,259
I-215 SB On-Ramp to Redlands Blvd Off-Ramp	166,599	8%	12,778	46	E	1,655	19,918	21,572
Redlands Blvd Off-Ramp to Waterman Ave Off-Ramp	150,323	8%	12,236	44	E	1,330	15,011	16,341
Waterman Ave Off-Ramp to Waterman Ave On-Ramp	141,960	8%	11,844	39	E	7,479	82,167	89,647
Waterman Ave On-Ramp to Anderson St Off-Ramp	143,232	8%	12,101	47	D	3,419	37,047	40,466
Anderson St Off-Ramp to Anderson St On-Ramp	129,952	9%	11,526	43	D	4,658	47,855	52,512
Anderson St On-Ramp to Mountain View Ave Off-Ramp	135,327	9%	11,567	51	D	2,407	25,749	28,156
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	122,397	9%	10,869	49	D	8,591	88,155	96,746
Mountain View Ave On-Ramp to California St Off-Ramp	135,227	8%	11,225	50	D	2,060	22,761	24,821
California St Off-Ramp to California St On-Ramp	124,487	8%	10,566	47	D	8,892	95,868	104,760
California St On-Ramp to Alabama St Off-Ramp	132,046	8%	10,712	50	D	1,883	21,325	23,207
Alabama St Off-Ramp to SR-210 NB Off-Ramp	119,804	8%	10,178	52	C	3,985	42,923	46,908
SR-210 NB Off-Ramp to Tennessee St Off-Ramp	101,479	9%	9,528	54	C	1,683	16,242	17,924

TABLE 2-11. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Tennessee St Off-Ramp to Tennessee St On-Ramp	89,103	10%	8,810	55	B	5,667	51,647	57,314
Tennessee St On-Ramp to SR-210 SB On-Ramp	96,181	9%	8,934	52	B	1,773	17,311	19,083
SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ramp	127,636	11%	13,434	47	D	680	5,779	6,458
Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Ramp	104,942	12%	12,925	47	C	5,568	39,638	45,206
Pearl Ave On-Ramp to University St Off-Ramp	110,916	12%	13,071	51	C	3,885	29,082	32,967
University St Off-Ramp to Cypress Ave On-Ramp	97,479	13%	12,698	48	C	10,101	67,444	77,545
Cypress Ave On-Ramp to Ford St Off-Ramp	101,180	13%	12,766	54	C	5,844	40,474	46,318
Ford St Off-Ramp to Redlands Blvd On-Ramp	93,987	13%	12,631	51	C	8,211	52,889	61,101
Redlands Blvd On-Ramp to Wabash Ave On-Ramp	102,936	12%	12,737	54	C	7,514	53,213	60,727
HIGH OCCUPANCY VEHICLES LANES								
LA County Line to Monte Vista Ave Off-Ramp	29,207	0%	0	36	C	0	7,483	7,483
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	29,207	0%	0	36	C	0	19,756	19,756
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	29,207	0%	0	36	C	0	853	853
Central Ave Off-Ramp to Central Ave On-Ramp	29,207	0%	0	36	C	0	16,706	16,706
Central Ave On-Ramp to Mountain Ave Off-Ramp	29,207	0%	0	36	C	0	6,074	6,074
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	29,207	0%	0	36	C	0	10,014	10,014
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	23,490	0%	0	43	B	0	11,228	11,228
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	23,490	0%	0	43	B	0	15,159	15,159
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	23,490	0%	0	43	B	0	12,025	12,025
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	21,738	0%	0	52	B	0	3,740	3,740
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	21,738	0%	0	52	B	0	7,153	7,153
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	21,738	0%	0	52	B	0	5,315	5,315
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	21,738	0%	0	52	B	0	4,182	4,182
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	21,738	0%	0	52	B	0	7,358	7,358
Holt Blvd On-Ramp to Archibald Ave On-Ramp	21,738	0%	0	52	B	0	8,480	8,480
Archibald Ave On-Ramp to Haven Ave Off-Ramp	21,738	0%	0	52	B	0	4,852	4,852
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	21,738	0%	0	52	B	0	9,043	9,043
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	12,309	0%	0	52	A	0	3,843	3,843
Haven Ave On-Ramp to Milliken Ave Off-Ramp	12,309	0%	0	52	A	0	2,759	2,759
Milliken Ave Off-Ramp to Milliken Ave Loop On-Ramp	12,309	0%	0	52	A	0	6,528	6,528
Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp	12,309	0%	0	52	A	0	654	654
I-15 NB Off-Ramp to I-15 SB Off-Ramp	12,309	0%	0	52	A	0	3,057	3,057

TABLE 2-11. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
I-15 SB Off-Ramp to I-15 NB On-Ramp	12,309	0%	0	52	A	0	3,775	3,775
I-15 NB On-Ramp to I-15 SB On-Ramp	12,309	0%	0	52	A	0	2,667	2,667
I-15 SB On-Ramp to Etiwanda Ave Off-Ramp	12,309	0%	0	52	A	0	1,733	1,733
Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp	12,309	0%	0	52	A	0	15,750	15,750
Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp	12,309	0%	0	52	A	0	11,380	11,380
Cherry Ave Off-Ramp to Cherry Ave On-Ramp	9,313	0%	0	56	A	0	5,673	5,673
Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citrus Ave in existing)	9,313	0%	0	56	A	0	3,320	3,320
Beach Ave Off-Ramp to Beach Ave On-Ramp (Future)	9,313	0%	0	56	A	0	5,898	5,898
Beach Ave On-Ramp to Citrus Ave Off-Ramp (Future)	9,313	0%	0	56	A	0	4,173	4,173
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	9,313	0%	0	56	A	0	4,989	4,989
Citrus Ave On-Ramp to Sierra Ave Off-Ramp	9,313	0%	0	56	A	0	4,364	4,364
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	9,313	0%	0	56	A	0	5,936	5,936
Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar Ave in existing)	9,313	0%	0	56	A	0	2,881	2,881
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	9,313	0%	0	56	A	0	3,451	3,451
Alder Ave On-Ramp to Cedar Ave Off-Ramp (Future)	9,313	0%	0	56	A	0	4,648	4,648
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	10,618	0%	0	42	A	0	9,013	9,013
Cedar Ave On-Ramp to Riverside Ave Off-Ramp	10,618	0%	0	42	A	0	8,446	8,446
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	10,618	0%	0	42	A	0	6,125	6,125
Riverside Ave On-Ramp to Pepper Ave Off-Ramp	10,618	0%	0	42	A	0	2,119	2,119
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	10,618	0%	0	42	A	0	7,005	7,005
Pepper Ave On-Ramp to Rancho Ave Off-Ramp	10,618	0%	0	42	A	0	2,767	2,767
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	10,618	0%	0	42	A	0	4,375	4,375
Rancho Ave On-Ramp to La Cadena Dr Off-Ramp	10,618	0%	0	42	A	0	1,907	1,907
La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th St On-Ramp	10,618	0%	0	42	A	0	5,621	5,621
La Cadena Dr/9th St On-Ramp to Mt Vernon Ave Off-Ramp	10,618	0%	0	42	A	0	298	298
Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ramp	11,353	0%	0	56	A	0	6,877	6,877
Mt Vernon Ave On-Ramp to I-215 Off-Ramp	11,353	0%	0	56	A	0	550	550
I-215 Off-Ramp to I-215 NB On-Ramp	11,353	0%	0	56	A	0	10,693	10,693
I-215 NB On-Ramp to I-215 SB On-Ramp	11,353	0%	0	56	A	0	1,244	1,244
I-215 SB On-Ramp to Redlands Blvd Off-Ramp	11,353	0%	0	56	A	0	1,470	1,470
Redlands Blvd Off-Ramp to Waterman Ave Off-Ramp	11,353	0%	0	56	A	0	1,234	1,234
Waterman Ave Off-Ramp to Waterman Ave On-Ramp	11,353	0%	0	56	A	0	7,169	7,169

TABLE 2-11. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Waterman Ave On-Ramp to Anderson St Off-Ramp	11,353	0%	0	56	A	0	3,207	3,207
Anderson St Off-Ramp to Anderson St On-Ramp	18,397	0%	0	49	A	0	7,434	7,434
Anderson St On-Ramp to Mountain View Ave Off-Ramp	18,397	0%	0	49	A	0	3,828	3,828
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	18,397	0%	0	49	A	0	14,542	14,542
Mountain View Ave On-Ramp to California St Off-Ramp	18,397	0%	0	49	A	0	3,377	3,377
California St Off-Ramp to California St On-Ramp	18,397	0%	0	49	A	0	15,482	15,482
California St On-Ramp to Alabama St Off-Ramp	18,903	0%	0	49	A	0	3,322	3,322
Alabama St Off-Ramp to SR-210 NB Off-Ramp	18,903	0%	0	49	A	0	7,401	7,401
SR-210 NB Off-Ramp to Tennessee St Off-Ramp	18,903	0%	0	49	A	0	3,339	3,339
Tennessee St Off-Ramp to Tennessee St On-Ramp	18,903	0%	0	49	A	0	12,159	12,159
Tennessee St On-Ramp to SR-210 SB On-Ramp	18,903	0%	0	49	A	0	3,751	3,751
SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ramp	18,903	0%	0	49	A	0	956	956
Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Ramp	26,337	0%	0	38	C	0	11,345	11,345
Pearl Ave On-Ramp to University St Off-Ramp	26,337	0%	0	38	C	0	7,828	7,828
University St Off-Ramp to Cypress Ave On-Ramp	26,337	0%	0	38	C	0	20,951	20,951
Cypress Ave On-Ramp to Ford St Off-Ramp	26,337	0%	0	38	C	0	12,057	12,057

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-12. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
Wabash Ave Off-Ramp to Redlands Blvd/Ford St Off-Ramp	105,988	12%	13,007	52	D	5,231	37,393	42,624
Redlands Blvd/Ford St Off-Ramp to Ford St On-Ramp	99,056	13%	12,909	52	D	10,085	67,301	77,386
Ford St On-Ramp to Cypress Ave Off-Ramp	107,422	12%	13,099	53	D	6,528	47,004	53,531
Cypress Ave Off-Ramp to University St On-Ramp	104,477	12%	13,043	49	D	9,770	68,491	78,261
University St On-Ramp to 6th St Off-Ramp	117,261	11%	13,407	52	C	5,087	39,404	44,491
6th St Off-Ramp to Orange St Loop On-Ramp	110,634	12%	13,220	49	D	4,754	35,034	39,788
Orange St Loop On-Ramp to Orange St On-Ramp	123,072	11%	13,484	51	D	5,051	41,050	46,101
Orange St On-Ramp to SR-210 NB Off-Ramp	130,403	11%	13,783	49	D	2,377	20,111	22,488
SR-210 Off-Ramp to Tennessee Off-Ramp	96,746	9%	8,948	55	B	2,385	23,400	25,785
Tennessee St Off-Ramp to Alabama St Off-Ramp	93,357	10%	8,889	56	B	1,551	14,740	16,291
Alabama St Off-Ramp to SR-210 SB On-Ramp	89,859	10%	8,816	59	B	6,902	63,447	70,348
SR-210 SB On-Ramp to Alabama St On-Ramp	104,988	9%	9,127	58	B	2,383	25,024	27,407
Alabama St On-Ramp to California St Off-Ramp	131,202	8%	10,186	57	C	1,239	14,723	15,962
California St Off-Ramp to California St On-Ramp	124,158	8%	10,033	51	D	8,648	98,370	107,018
California St On-Ramp to Mountain View Ave Off-Ramp	149,294	7%	10,668	49	D	2,053	26,678	28,731
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	136,483	8%	10,405	47	E	2,315	28,052	30,368
Mountain View Ave On-Ramp to Tippecanoe Ave Off-Ramp	136,354	8%	11,216	53	D	2,319	25,868	28,187
Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-Ramp	129,832	9%	11,134	45	D	8,434	89,919	98,353
Tippecanoe Ave On-Ramp to Hospitality Ln/ Carnegie Dr Off-Ramp	140,203	8%	11,446	49	D	1,276	14,358	15,635
Hospitality Ln/Carnegie Dr Off-Ramp to Hospitality Ln/Carnegie Dr On-Ramp	131,783	8%	11,104	45	D	5,284	57,424	62,708
Hospitality Ln/Carnegie Dr On-Ramp to I-215 NB Off-Ramp	161,440	7%	11,608	41	E	3,271	42,220	45,491
I-215 NB Off-Ramp to Sunwest Ln On-Ramp	94,787	8%	7,900	58	B	5,550	61,044	66,595
Sunwest Ln On-Ramp to I-215 NB On-Ramp	102,382	8%	8,188	56	B	1,713	19,711	21,424
I-215 NB On-Ramp to I-215 SB On-Ramp	104,310	8%	8,248	55	C	1,509	17,574	19,082
I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Ramp	130,341	7%	9,218	52	C	1,708	22,438	24,146
Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave On-Ramp	119,310	8%	9,127	50	D	6,630	80,035	86,665
Mt Vernon Ave On-Ramp to 9th St Off-Ramp	118,601	8%	9,416	55	C	436	5,058	5,494
9th St Off-Ramp to La Cadena Dr On-Ramp	113,048	8%	9,230	51	C	5,718	64,315	70,033
La Cadena Dr On-Ramp to Rancho Ave Off-Ramp	118,116	8%	9,446	55	C	832	9,574	10,406
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	113,674	8%	9,379	51	C	5,479	60,925	66,404
Rancho Ave On-Ramp to Pepper Ave Off-Ramp	119,831	8%	9,597	54	C	3,999	45,929	49,928

TABLE 2-12. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	111,229	8%	9,383	51	C	5,580	60,565	66,144
Pepper Ave On-Ramp to Riverside Ave Off-Ramp	131,689	7%	9,574	52	C	1,630	20,790	22,420
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	119,085	8%	9,125	52	D	5,385	64,897	70,282
Riverside Ave On-Ramp to Cedar Ave Off-Ramp	134,941	7%	9,819	51	D	8,372	106,684	115,056
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	124,306	8%	9,456	48	D	6,870	83,442	90,312
Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra Ave in existing)	136,536	7%	9,988	50	D	5,233	66,298	71,531
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	136,536	7%	9,988	50	D	3,747	47,481	51,228
Alder Ave On-Ramp to Alder Ave Off-Ramp (Future)	136,536	7%	9,988	50	D	3,613	45,771	49,384
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	111,467	9%	9,994	52	C	6,895	70,008	76,904
Sierra Ave On-Ramp to Citrus Ave Off-Ramp	133,308	8%	10,253	52	D	3,996	47,953	51,949
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	123,515	8%	9,951	49	D	5,364	61,214	66,578
Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in existing)	139,898	8%	10,513	51	D	4,397	54,109	58,506
Beach Ave Off-Ramp to Beach Ave On-Ramp	133,489	8%	10,224	53	D	6,447	77,728	84,175
Beach Ave On-Ramp to Cherry Off-Ramp	144,878	7%	10,836	49	D	4,274	52,870	57,144
Cherry Off-Ramp to Cherry On-Ramp	125,569	8%	10,053	50	D	5,534	63,585	69,118
Cherry On-Ramp to Etiwanda Ave Off-Ramp	134,614	8%	11,308	52	D	14,338	156,347	170,685
Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-Ramp	125,223	9%	10,711	49	D	7,274	77,762	85,035
Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-Ramp	132,189	9%	11,681	42	E	3,041	31,368	34,409
Etiwanda Ave On-Ramp to I-15 Off-Ramp	137,524	9%	11,878	48	D	1,581	16,720	18,301
I-15 Off-Ramp to I-15 SB On-Ramp	107,310	9%	10,172	52	C	5,770	55,106	60,876
I-15 SB On-Ramp to I-15 NB On-Ramp	142,255	9%	13,082	46	D	1,739	17,176	18,915
I-15 NB On-Ramp to Milliken Ave Off-Ramp	161,528	9%	14,129	56	C	292	3,044	3,336
Milliken Ave Off-Ramp to Milliken Ave On-Ramp	148,727	9%	13,281	45	D	7,708	78,610	86,318
Milliken Ave On-Ramp to Haven Ave Off-Ramp	146,226	10%	14,190	46	D	3,542	32,960	36,503
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	134,739	10%	13,362	43	E	5,495	49,917	55,412
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	141,021	10%	13,778	40	E	3,978	36,736	40,713
Haven Ave On-Ramp to Archibald Ave Off-Ramp	148,159	10%	14,269	46	D	3,900	36,597	40,497
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	140,473	10%	13,915	49	D	4,515	41,066	45,581
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	134,686	9%	12,349	48	D	7,726	76,537	84,263
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	151,787	9%	13,330	49	D	2,040	21,185	23,224
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	137,348	9%	12,979	48	E	4,693	44,969	49,661
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	129,764	11%	13,654	50	D	2,598	22,096	24,695

TABLE 2-12. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Vineyard Ave On-Ramp to 4th St Off-Ramp	136,182	10%	13,851	45	E	5,040	44,514	49,554
4th St Off-Ramp to 4th St On-Ramp	134,218	10%	13,367	47	D	5,193	46,953	52,147
4th St On-Ramp to 7th St Off-Ramp	152,249	9%	14,072	39	E	3,645	35,795	39,441
7th St Off-Ramp to Euclid Ave Loop On-Ramp	141,385	10%	13,728	44	E	5,469	50,860	56,329
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	147,228	9%	13,926	42	E	5,001	47,869	52,870
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	157,591	9%	14,227	37	F	6,017	60,633	66,650
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	142,918	9%	13,502	44	E	4,407	42,244	46,651
Mountain Ave On-Ramp to Central Ave Off-Ramp	141,185	10%	13,775	43	E	3,780	34,962	38,742
Central Ave Off-Ramp to Central Ave On-Ramp	128,721	10%	13,255	48	D	6,978	60,788	67,766
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	157,641	9%	13,648	46	E	689	7,266	7,954
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	149,164	9%	13,225	41	E	7,406	76,123	83,528
HIGH OCCUPANCY VEHICLES LANES								
Ford St On-Ramp to Cypress Ave Off-Ramp	22,200	0%	0	45	B	0	11,063	11,063
Cypress Ave Off-Ramp to University St On-Ramp	22,200	0%	0	45	B	0	16,629	16,629
University St On-Ramp to 6th St Off-Ramp	22,200	0%	0	45	B	0	8,423	8,423
6th St Off-Ramp to Orange St Loop On-Ramp	22,200	0%	0	45	B	0	7,984	7,984
Orange St Loop On-Ramp to Orange St On-Ramp	22,591	0%	0	45	B	0	8,462	8,462
Orange St On-Ramp to SR-210 NB Off-Ramp	22,591	0%	0	45	B	0	3,896	3,896
SR-210 Off-Ramp to Tennessee Off-Ramp	22,591	0%	0	45	B	0	6,021	6,021
Tennessee St Off-Ramp to Alabama St Off-Ramp	22,591	0%	0	45	B	0	3,942	3,942
Alabama St Off-Ramp to SR-210 SB On-Ramp	22,591	0%	0	45	B	0	17,686	17,686
SR-210 SB On-Ramp to Alabama St On-Ramp	22,591	0%	0	45	B	0	5,897	5,897
Alabama St On-Ramp to California St Off-Ramp	22,591	0%	0	45	B	0	2,748	2,748
California St Off-Ramp to California St On-Ramp	22,591	0%	0	45	B	0	19,472	19,472
California St On-Ramp to Mountain View Ave Off-Ramp	22,591	0%	0	45	B	0	4,347	4,347
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	28,125	0%	0	36	C	0	6,258	6,258
Mountain View Ave On-Ramp to Tippecanoe Ave Off-Ramp	28,125	0%	0	36	C	0	5,814	5,814
Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-Ramp	28,125	0%	0	36	C	0	21,306	21,306
Tippecanoe Ave On-Ramp to Hospitality Ln/ Carnegie Dr Off-Ramp	28,125	0%	0	36	C	0	3,136	3,136
Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitality Ln/Carnegie Dr On-Ramp	28,125	0%	0	36	C	0	13,383	13,383
Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB Off-Ramp	28,125	0%	0	36	C	0	7,925	7,925
I-215 NB Off-Ramp to Sunwest Ln On-Ramp	28,125	0%	0	36	C	0	19,760	19,760

TABLE 2-12. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Sunwest Ln On-Ramp to I-215 NB On-Ramp	28,125	0%	0	36	C	0	5,885	5,885
I-215 NB On-Ramp to I-215 SB On-Ramp	28,125	0%	0	36	C	0	5,145	5,145
I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Ramp	28,125	0%	0	36	C	0	5,210	5,210
Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave On-Ramp	28,125	0%	0	36	C	0	20,430	20,430
Mt Vernon Ave On-Ramp to 9th St Off-Ramp	21,138	0%	0	47	A	0	979	979
9th St Off-Ramp to La Cadena Dr On-Ramp	21,138	0%	0	47	A	0	13,095	13,095
La Cadena Dr On-Ramp to Rancho Ave Off-Ramp	21,138	0%	0	47	A	0	1,862	1,862
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	21,138	0%	0	47	A	0	12,348	12,348
Rancho Ave On-Ramp to Pepper Ave Off-Ramp	21,138	0%	0	47	A	0	8,807	8,807
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	21,138	0%	0	47	A	0	12,570	12,570
Pepper Ave On-Ramp to Riverside Ave Off-Ramp	21,138	0%	0	47	A	0	3,599	3,599
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	21,138	0%	0	47	A	0	12,475	12,475
Riverside Ave On-Ramp to Cedar Ave Off-Ramp	21,138	0%	0	47	A	0	18,023	18,023
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	21,138	0%	0	47	A	0	15,357	15,357
Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra Ave in existing)	21,138	0%	0	47	A	0	11,074	11,074
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	21,138	0%	0	47	A	0	7,931	7,931
Alder Ave On-Ramp to Alder Ave Off-Ramp (Future)	21,138	0%	0	47	A	0	7,645	7,645
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	23,253	0%	0	44	B	0	16,043	16,043
Sierra Ave On-Ramp to Citrus Ave Off-Ramp	23,253	0%	0	44	B	0	9,061	9,061
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	23,253	0%	0	44	B	0	12,534	12,534
Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in existing)	23,253	0%	0	44	B	0	9,724	9,724
Beach Ave Off-Ramp to Beach Ave On-Ramp	23,253	0%	0	44	B	0	14,663	14,663
Beach Ave On-Ramp to Cherry Off-Ramp	23,253	0%	0	44	B	0	9,172	9,172
Cherry Off-Ramp to Cherry On-Ramp	23,253	0%	0	44	B	0	12,799	12,799
Cherry On-Ramp to Etiwanda Ave Off-Ramp	18,446	0%	0	50	A	0	23,389	23,389
Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-Ramp	18,446	0%	0	50	A	0	12,526	12,526
Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-Ramp	18,446	0%	0	50	A	0	4,801	4,801
Etiwanda Ave On-Ramp to I-15 Off-Ramp	18,446	0%	0	50	A	0	2,455	2,455
I-15 Off-Ramp to I-15 SB On-Ramp	18,446	0%	0	50	A	0	10,464	10,464
I-15 SB On-Ramp to I-15 NB On-Ramp	18,446	0%	0	50	A	0	2,453	2,453
I-15 NB On-Ramp to Milliken Ave Off-Ramp	18,446	0%	0	50	A	0	381	381
Milliken Ave Off-Ramp to Milliken Ave On-Ramp	18,446	0%	0	50	A	0	10,706	10,706

TABLE 2-12. ALTERNATIVE 2 DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Milliken Ave On-Ramp to Haven Ave Off-Ramp	18,446	0%	0	50	A	0	4,605	4,605
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	18,446	0%	0	50	A	0	7,586	7,586
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	33,835	0%	0	37	D	0	9,768	9,768
Haven Ave On-Ramp to Archibald Ave Off-Ramp	33,835	0%	0	37	D	0	9,248	9,248
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	33,835	0%	0	37	D	0	10,979	10,979
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	33,835	0%	0	37	D	0	21,168	21,168
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	33,835	0%	0	37	D	0	5,177	5,177
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	33,835	0%	0	37	D	0	12,234	12,234
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	33,835	0%	0	37	D	0	6,439	6,439
Vineyard Ave On-Ramp to 4th St Off-Ramp	33,835	0%	0	37	D	0	12,312	12,312
4th St Off-Ramp to 4th St On-Ramp	33,835	0%	0	37	D	0	13,146	13,146
4th St On-Ramp to 7th St Off-Ramp	33,835	0%	0	37	D	0	8,765	8,765
7th St Off-Ramp to Euclid Ave Loop On-Ramp	17,539	0%	0	50	A	0	6,988	6,988
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	17,539	0%	0	50	A	0	6,298	6,298
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	17,539	0%	0	50	A	0	7,418	7,418
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	33,203	0%	0	31	D	0	10,838	10,838
Mountain Ave On-Ramp to Central Ave Off-Ramp	33,203	0%	0	31	D	0	9,111	9,111
Central Ave Off-Ramp to Central Ave On-Ramp	33,203	0%	0	31	D	0	17,480	17,480
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	33,203	0%	0	31	D	0	1,675	1,675
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	33,203	0%	0	31	D	0	18,593	18,593

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-13. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
LA County Line to Monte Vista Ave Off-Ramp	144,135	12%	17,071	45	E	4,374	32,556	36,930
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	135,067	12%	16,875	49	D	11,414	79,945	91,359
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	144,770	12%	17,313	51	D	505	3,720	4,226
Central Ave Off-Ramp to Central Ave On-Ramp	132,378	13%	16,903	49	D	9,668	66,050	75,718
Central Ave On-Ramp to Mountain Ave Off-Ramp	144,563	12%	17,291	51	D	3,596	26,470	30,066
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	131,362	13%	16,955	50	D	5,813	39,227	45,041
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	145,368	12%	17,572	44	E	8,399	61,084	69,483
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	128,707	13%	17,126	49	D	11,052	72,008	83,060
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	139,586	13%	17,487	45	E	8,952	62,503	71,454
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	122,066	14%	16,779	53	C	2,887	18,113	20,999
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	137,474	13%	17,231	46	D	5,670	39,566	45,236
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	125,469	13%	16,307	51	D	3,987	26,688	30,675
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	144,617	12%	16,847	52	D	3,241	24,581	27,822
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	126,093	12%	15,467	52	D	5,235	37,446	42,681
Holt Blvd On-Ramp to Archibald Ave On-Ramp	148,167	12%	17,093	48	D	6,668	51,133	57,801
Archibald Ave On-Ramp to Haven Ave Off-Ramp	154,531	11%	17,391	45	E	3,881	30,608	34,489
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	140,606	12%	16,347	42	E	6,800	51,690	58,490
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	156,485	11%	16,648	44	E	5,198	43,659	48,856
Haven Ave On-Ramp to Milliken Ave Off-Ramp	163,479	11%	17,211	48	D	3,857	32,780	36,637
Milliken Ave Off-Ramp to Milliken Ave Loop On-Ramp	146,528	11%	15,904	47	D	8,434	69,271	77,705
Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp	157,438	11%	16,621	50	D	883	7,480	8,363
I-15 NB Off-Ramp to I-15 SB Off-Ramp	122,400	9%	10,806	53	C	2,683	27,711	30,394
I-15 SB Off-Ramp to I-15 NB On-Ramp	100,849	9%	9,328	53	C	2,861	28,070	30,931
I-15 NB On-Ramp to I-15 SB On-Ramp	129,912	9%	11,217	54	C	2,430	25,716	28,146
I-15 SB On-Ramp to Etiwanda Ave Off-Ramp	132,829	9%	11,343	49	D	1,597	17,101	18,698
Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp	125,299	8%	10,285	49	D	13,160	147,164	160,324
Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp	131,092	8%	10,814	52	D	9,998	111,197	121,194
Cherry Ave Off-Ramp to Cherry Ave On-Ramp	113,687	8%	9,353	51	D	5,698	63,558	69,256
Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citrus Ave in Existing)	130,770	8%	10,262	51	D	3,658	42,957	46,615
Beach Ave Off-Ramp to Beach Ave On-Ramp (Future)	123,610	8%	9,784	53	C	6,196	72,089	78,285
Beach Ave On-Ramp to Citrus Ave Off-Ramp (Future)	130,301	8%	10,102	51	D	4,527	53,864	58,391

TABLE 2-13. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	119,343	8%	9,756	49	D	5,227	58,710	63,936
Citrus Ave On-Ramp to Sierra Ave Off-Ramp	128,258	8%	10,046	50	D	4,707	55,387	60,094
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	111,044	9%	9,450	50	C	6,024	64,759	70,783
Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar Ave in Existing)	123,476	8%	9,697	52	C	2,999	35,194	38,193
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	123,476	8%	9,697	52	C	3,594	42,164	45,758
Alder Ave On-Ramp to Cedar Ave Off-Ramp (Future)	123,476	8%	9,697	52	C	4,840	56,791	61,631
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	107,754	8%	8,663	51	C	7,353	84,108	91,461
Cedar Ave On-Ramp to Riverside Ave Off-Ramp	114,910	8%	8,931	54	C	7,104	84,303	91,407
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	99,927	8%	8,311	57	C	4,794	52,851	57,645
Riverside Ave On-Ramp to Pepper Ave Off-Ramp	112,772	8%	8,775	55	C	1,751	20,754	22,505
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	102,080	8%	8,477	53	C	5,592	61,751	67,343
Pepper Ave On-Ramp to Rancho Ave Off-Ramp	108,387	8%	8,635	56	B	2,250	25,992	28,242
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	108,387	8%	8,635	56	B	3,558	41,102	44,660
Rancho Ave On-Ramp to La Cadena Dr Off-Ramp	111,096	8%	8,687	56	C	1,560	18,390	19,950
La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th St On-Ramp	103,521	8%	8,338	53	C	4,414	50,388	54,802
La Cadena Dr/9th St On-Ramp to Mt Vernon Ave Off-Ramp	108,701	8%	8,443	56	B	237	2,814	3,051
Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ramp	97,524	8%	8,248	59	B	4,996	54,078	59,074
Mt Vernon Ave On-Ramp to I-215 Off-Ramp	102,370	8%	8,370	57	B	405	4,550	4,955
I-215 Off-Ramp to I-215 NB On-Ramp	81,395	9%	7,393	59	A	6,964	69,703	76,667
I-215 NB On-Ramp to I-215 SB On-Ramp	125,716	8%	9,961	53	C	1,092	12,688	13,780
I-215 SB On-Ramp to Redlands Blvd Off-Ramp	162,836	8%	12,642	48	D	1,637	19,448	21,085
Redlands Blvd Off-Ramp to Waterman Ave Off-Ramp	147,096	8%	12,072	46	D	1,312	14,678	15,990
Waterman Ave Off-Ramp to Waterman Ave On-Ramp	139,314	8%	11,663	42	E	7,365	80,611	87,976
Waterman Ave On-Ramp to Anderson St Off-Ramp	146,550	8%	11,915	47	D	3,366	38,037	41,403
Anderson St Off-Ramp to Anderson St On-Ramp	129,832	9%	11,359	45	D	4,590	47,874	52,464
Anderson St On-Ramp to Mountain View Ave Off-Ramp	135,274	8%	11,398	52	D	2,371	25,773	28,145
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	121,391	9%	10,740	51	D	8,489	87,462	95,951
Mountain View Ave On-Ramp to California St Off-Ramp	134,309	8%	11,077	52	D	2,033	22,620	24,653
California St Off-Ramp to California St On-Ramp	122,302	9%	10,447	49	D	8,792	94,130	102,921
California St On-Ramp to Alabama St Off-Ramp	144,892	7%	10,588	47	E	1,861	23,604	25,465
Alabama St Off-Ramp to SR-210 NB Off-Ramp	131,362	8%	10,111	50	D	3,959	47,475	51,434
SR-210 NB Off-Ramp to Tennessee St Off-Ramp	110,115	9%	9,429	53	C	1,665	17,784	19,450

TABLE 2-13. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Tennessee St Off-Ramp to Tennessee St On-Ramp	96,438	9%	8,751	54	B	5,629	56,403	62,032
Tennessee St On-Ramp to SR-210 SB On-Ramp	103,435	9%	8,872	52	C	1,760	18,762	20,523
SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ramp	133,459	10%	13,342	47	D	675	6,078	6,753
Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Ramp	116,947	11%	12,831	46	D	5,527	44,850	50,377
Pearl Ave On-Ramp to University St Off-Ramp	122,906	11%	12,977	50	C	3,857	32,674	36,531
University St Off-Ramp to Cypress Ave On-Ramp	108,663	12%	12,620	47	D	10,039	76,403	86,442
Cypress Ave On-Ramp to Ford St Off-Ramp	112,486	11%	12,686	53	C	5,807	45,687	51,494
Ford St Off-Ramp to Redlands Blvd On-Ramp	93,456	13%	12,542	51	C	8,154	52,602	60,756
Redlands Blvd On-Ramp to Wabash Ave On-Ramp	103,574	12%	12,675	53	C	7,478	53,626	61,104
HIGH OCCUPANCY VEHICLES LANES								
LA County Line to Monte Vista Ave Off-Ramp	41,952	0%	0	54	B	0	10,749	10,749
Monte Vista Ave Off-Ramp to Monte Vista Ave/Palo Verde St On-Ramp	41,952	0%	0	54	B	0	28,376	28,376
Monte Vista Ave/Palo Verde St On-Ramp to Central Ave Off-Ramp	41,952	0%	0	54	B	0	1,225	1,225
Central Ave Off-Ramp to Central Ave On-Ramp	41,952	0%	0	54	B	0	23,996	23,996
Central Ave On-Ramp to Mountain Ave Off-Ramp	41,952	0%	0	54	B	0	8,725	8,725
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	41,952	0%	0	54	B	0	14,384	14,384
Mountain Ave On-Ramp to Euclid Ave Off-Ramp	41,862	0%	0	54	B	0	20,009	20,009
Euclid Ave Off-Ramp to Euclid Ave On-Ramp	41,862	0%	0	54	B	0	27,015	27,015
Euclid Ave On-Ramp to San Bernardino Ave/4th St Off-Ramp	41,862	0%	0	54	B	0	21,429	21,429
San Bernardino Ave/4th St Off-Ramp to San Bernardino Ave/4th St On-Ramp	40,252	0%	0	56	B	0	6,925	6,925
San Bernardino Ave/4th St On-Ramp to Vineyard Ave Off-Ramp	40,252	0%	0	56	B	0	13,245	13,245
Vineyard Ave Off-Ramp to Vineyard Ave On-Ramp	40,252	0%	0	56	B	0	9,841	9,841
Vineyard Ave On-Ramp to Archibald Ave Off-Ramp	40,252	0%	0	56	B	0	7,744	7,744
Archibald Ave Off-Ramp to Holt Blvd On-Ramp	40,252	0%	0	56	B	0	13,625	13,625
Holt Blvd On-Ramp to Archibald Ave On-Ramp	40,252	0%	0	56	B	0	15,703	15,703
Archibald Ave On-Ramp to Haven Ave Off-Ramp	40,252	0%	0	56	B	0	8,984	8,984
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	40,252	0%	0	56	B	0	16,744	16,744
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	30,212	0%	0	54	A	0	9,433	9,433
Haven Ave On-Ramp to Milliken Ave Off-Ramp	30,212	0%	0	54	A	0	6,771	6,771
Milliken Ave Off-Ramp to Milliken Ave Loop On-Ramp	30,212	0%	0	54	A	0	16,022	16,022
Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp	30,212	0%	0	54	A	0	1,605	1,605
I-15 NB Off-Ramp to I-15 SB Off-Ramp	30,212	0%	0	54	A	0	7,502	7,502

TABLE 2-13. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
I-15 SB Off-Ramp to I-15 NB On-Ramp	30,212	0%	0	54	A	0	9,266	9,266
I-15 NB On-Ramp to I-15 SB On-Ramp	30,212	0%	0	54	A	0	6,546	6,546
I-15 SB On-Ramp to Etiwanda Ave Off-Ramp	30,212	0%	0	54	A	0	4,253	4,253
Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp	30,212	0%	0	54	A	0	38,657	38,657
Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp	30,212	0%	0	54	A	0	27,931	27,931
Cherry Ave Off-Ramp to Cherry Ave On-Ramp	26,318	0%	0	58	A	0	16,032	16,032
Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citrus Ave in Existing)	26,318	0%	0	58	A	0	9,381	9,381
Beach Ave Off-Ramp to Beach Ave On-Ramp (Future)	26,318	0%	0	58	A	0	16,668	16,668
Beach Ave On-Ramp to Citrus Ave Off-Ramp (Future)	26,318	0%	0	58	A	0	11,794	11,794
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	26,318	0%	0	58	A	0	14,100	14,100
Citrus Ave On-Ramp to Sierra Ave Off-Ramp	26,318	0%	0	58	A	0	12,331	12,331
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	26,318	0%	0	58	A	0	16,776	16,776
Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar Ave in Existing)	26,318	0%	0	58	A	0	8,141	8,141
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	26,318	0%	0	58	A	0	9,753	9,753
Alder Ave On-Ramp to Cedar Ave Off-Ramp (Future)	26,318	0%	0	58	A	0	13,136	13,136
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	23,265	0%	0	59	A	0	19,747	19,747
Cedar Ave On-Ramp to Riverside Ave Off-Ramp	23,265	0%	0	59	A	0	18,506	18,506
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	23,265	0%	0	59	A	0	13,421	13,421
Riverside Ave On-Ramp to Pepper Ave Off-Ramp	23,265	0%	0	59	A	0	4,643	4,643
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	23,265	0%	0	59	A	0	15,348	15,348
Pepper Ave On-Ramp to Rancho Ave Off-Ramp	23,265	0%	0	59	A	0	6,062	6,062
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	23,265	0%	0	59	A	0	9,586	9,586
Rancho Ave On-Ramp to La Cadena Dr Off-Ramp	23,265	0%	0	59	A	0	4,178	4,178
La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th St On-Ramp	23,265	0%	0	59	A	0	12,316	12,316
La Cadena Dr/9th St On-Ramp to Mt Vernon Ave Off-Ramp	23,265	0%	0	59	A	0	653	653
Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ramp	27,467	0%	0	57	A	0	16,638	16,638
Mt Vernon Ave On-Ramp to I-215 Off-Ramp	27,467	0%	0	57	A	0	1,330	1,330
I-215 Off-Ramp to I-215 NB On-Ramp	27,467	0%	0	57	A	0	25,871	25,871
I-215 NB On-Ramp to I-215 SB On-Ramp	27,467	0%	0	57	A	0	3,011	3,011
I-215 SB On-Ramp to Redlands Blvd Off-Ramp	27,467	0%	0	57	A	0	3,557	3,557
Redlands Blvd Off-Ramp to Waterman Ave Off-Ramp	27,467	0%	0	57	A	0	2,986	2,986
Waterman Ave Off-Ramp to Waterman Ave On-Ramp	27,467	0%	0	57	A	0	17,345	17,345

TABLE 2-13. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2045 (EASTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Waterman Ave On-Ramp to Anderson St Off-Ramp	27,467	0%	0	57	A	0	7,760	7,760
Anderson St Off-Ramp to Anderson St On-Ramp	30,229	0%	0	57	A	0	12,215	12,215
Anderson St On-Ramp to Mountain View Ave Off-Ramp	30,229	0%	0	57	A	0	6,289	6,289
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	30,229	0%	0	57	A	0	23,894	23,894
Mountain View Ave On-Ramp to California St Off-Ramp	30,229	0%	0	57	A	0	5,549	5,549
California St Off-Ramp to California St On-Ramp	30,229	0%	0	57	A	0	25,439	25,439
California St On-Ramp to Alabama St Off-Ramp	14,350	0%	0	50	B	0	2,522	2,522
Alabama St Off-Ramp to SR-210 NB Off-Ramp	14,350	0%	0	50	B	0	5,619	5,619
SR-210 NB Off-Ramp to Tennessee St Off-Ramp	14,350	0%	0	50	B	0	2,535	2,535
Tennessee St Off-Ramp to Tennessee St On-Ramp	14,350	0%	0	50	B	0	9,230	9,230
Tennessee St On-Ramp to SR-210 SB On-Ramp	14,350	0%	0	50	B	0	2,847	2,847
SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ramp	14,350	0%	0	50	B	0	726	726
Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Ramp	14,948	0%	0	48	B	0	6,439	6,439
Pearl Ave On-Ramp to University St Off-Ramp	14,948	0%	0	48	B	0	4,443	4,443
University St Off-Ramp to Cypress Ave On-Ramp	14,948	0%	0	48	B	0	11,891	11,891
Cypress Ave On-Ramp to Ford St Off-Ramp	14,948	0%	0	48	B	0	6,843	6,843

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

TABLE 2-14. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
MAINLINES								
Wabash Ave Off-Ramp to Redlands Blvd/Ford St Off-Ramp	105,355	12%	12,853	53	D	5,169	37,200	42,369
Redlands Blvd/Ford St Off-Ramp to Ford St On-Ramp	98,961	13%	12,749	52	D	9,960	67,352	77,312
Ford St On-Ramp to Cypress Ave Off-Ramp	120,988	11%	12,938	51	E	6,447	53,844	60,291
Cypress Ave Off-Ramp to University St On-Ramp	117,524	11%	12,883	46	E	9,650	78,384	88,034
University St On-Ramp to 6th St Off-Ramp	130,850	10%	13,226	50	D	5,018	44,629	49,647
6th St Off-Ramp to Orange St Loop On-Ramp	123,629	11%	13,040	45	E	4,690	39,772	44,461
Orange St Loop On-Ramp to Orange St On-Ramp	135,841	10%	13,311	48	E	4,986	45,898	50,884
Orange St On-Ramp to SR-210 NB Off-Ramp	143,043	10%	13,624	45	E	2,349	22,318	24,668
SR-210 Off-Ramp to Tennessee Off-Ramp	107,562	9%	9,276	53	D	2,472	26,196	28,668
Tennessee St Off-Ramp to Alabama St Off-Ramp	103,961	9%	9,222	55	D	1,609	16,532	18,141
Alabama St Off-Ramp to SR-210 SB On-Ramp	100,007	9%	9,150	58	C	7,163	71,130	78,293
SR-210 SB On-Ramp to Alabama St On-Ramp	116,794	8%	9,470	57	D	2,472	28,017	30,489
Alabama St On-Ramp to California St Off-Ramp	143,542	7%	10,516	55	D	1,279	16,184	17,463
California St Off-Ramp to California St On-Ramp	122,719	8%	10,374	52	D	8,942	96,836	105,778
California St On-Ramp to Mountain View Ave Off-Ramp	135,885	8%	10,990	54	D	2,115	24,035	26,150
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	124,791	9%	10,700	51	D	2,381	25,385	27,766
Mountain View Ave On-Ramp to Tippecanoe Ave Off-Ramp	140,859	8%	11,518	52	D	2,381	26,737	29,118
Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-Ramp	134,014	9%	11,448	45	E	8,672	92,849	101,521
Tippecanoe Ave On-Ramp to Hospitality Ln/ Carnegie Dr Off-Ramp	146,970	8%	11,770	48	D	1,313	15,077	16,389
Hospitality Ln/Carnegie Dr Off-Ramp to Hospitality Ln/Carnegie Dr On-Ramp	137,999	8%	11,448	43	E	5,447	60,218	65,666
Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB Off-Ramp	148,041	8%	11,968	47	E	3,372	38,343	41,716
I-215 NB Off-Ramp to Sunwest Ln On-Ramp	83,466	9%	7,878	60	B	5,535	53,106	58,641
Sunwest Ln On-Ramp to I-215 NB On-Ramp	91,290	9%	8,161	58	C	1,708	17,396	19,103
I-215 NB On-Ramp to I-215 SB On-Ramp	93,308	9%	8,222	58	C	1,504	15,566	17,070
I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Ramp	121,053	8%	9,143	55	D	1,694	20,731	22,425
Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave On-Ramp	113,497	8%	9,005	53	D	6,541	75,901	82,443
Mt Vernon Ave On-Ramp to 9th St Off-Ramp	124,628	7%	9,287	54	D	430	5,343	5,773
9th St Off-Ramp to La Cadena Dr On-Ramp	116,602	8%	9,158	50	D	5,673	66,561	72,234
La Cadena Dr On-Ramp to Rancho Ave Off-Ramp	121,823	8%	9,378	54	D	826	9,906	10,732
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	116,425	8%	9,311	51	D	5,439	62,572	68,011
Rancho Ave On-Ramp to Pepper Ave Off-Ramp	124,515	8%	9,531	54	D	3,971	47,908	51,879

TABLE 2-14. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	115,268	8%	9,334	51	D	5,551	62,996	68,546
Pepper Ave On-Ramp to Riverside Ave Off-Ramp	122,300	8%	9,520	55	D	1,621	19,201	20,822
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	109,665	8%	9,067	55	D	5,351	59,371	64,722
Riverside Ave On-Ramp to Cedar Ave Off-Ramp	126,862	8%	9,783	53	D	8,341	99,826	108,167
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	116,014	8%	9,426	51	D	6,848	77,440	84,288
Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra Ave in existing)	129,139	8%	9,928	52	D	5,201	62,454	67,655
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	129,139	8%	9,928	52	D	3,725	44,728	48,453
Alder Ave On-Ramp to Alder Ave Off-Ramp (Future)	129,139	8%	9,928	52	D	3,591	43,118	46,709
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	117,176	8%	9,916	51	D	6,841	74,001	80,842
Sierra Ave On-Ramp to Citrus Ave Off-Ramp	126,678	8%	10,191	53	D	3,971	45,394	49,365
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	117,000	8%	9,887	51	D	5,329	57,737	63,066
Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in existing)	131,694	8%	10,443	53	D	4,367	50,708	55,075
Beach Ave Off-Ramp to Beach Ave On-Ramp	125,282	8%	10,157	56	D	6,405	72,595	79,000
Beach Ave On-Ramp to Cherry Off-Ramp	135,878	8%	10,709	52	D	4,224	49,370	53,594
Cherry Off-Ramp to Cherry On-Ramp	121,269	8%	9,912	52	D	5,456	61,295	66,751
Cherry On-Ramp to Etiwanda Ave Off-Ramp	133,199	8%	11,171	54	D	14,164	154,727	168,891
Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-Ramp	125,141	8%	10,543	50	D	7,159	77,820	84,979
Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-Ramp	135,459	8%	11,336	42	E	2,951	32,309	35,260
Etiwanda Ave On-Ramp to I-15 Off-Ramp	138,789	8%	11,639	48	D	1,549	16,920	18,469
I-15 Off-Ramp to I-15 SB On-Ramp	107,883	9%	10,109	53	D	5,735	55,466	61,201
I-15 SB On-Ramp to I-15 NB On-Ramp	143,475	9%	12,909	47	E	1,716	17,361	19,077
I-15 NB On-Ramp to Milliken Ave Off-Ramp	163,227	9%	13,896	56	D	287	3,084	3,371
Milliken Ave Off-Ramp to Milliken Ave On-Ramp	150,091	9%	13,057	45	E	7,578	79,532	87,110
Milliken Ave On-Ramp to Haven Ave Off-Ramp	160,284	9%	13,949	42	E	3,482	36,530	40,012
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	147,838	9%	13,157	38	E	5,411	55,388	60,799
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	143,132	9%	13,574	40	E	3,919	37,404	41,323
Haven Ave On-Ramp to Archibald Ave Off-Ramp	150,847	9%	14,064	46	E	3,844	37,388	41,232
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	142,706	10%	13,737	49	D	4,457	41,848	46,306
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	120,062	10%	12,218	53	D	7,644	67,470	75,114
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	137,928	10%	13,189	53	D	2,018	19,086	21,104
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	123,873	10%	12,846	53	D	4,645	40,144	44,789
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	130,960	10%	13,535	50	D	2,576	22,347	24,923

TABLE 2-14. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Vineyard Ave On-Ramp to 4th St Off-Ramp	136,912	10%	13,754	45	E	5,005	44,815	49,820
4th St Off-Ramp to 4th St On-Ramp	119,977	11%	13,290	52	D	5,163	41,450	46,614
4th St On-Ramp to 7th St Off-Ramp	138,643	10%	13,966	45	E	3,618	32,298	35,916
7th St Off-Ramp to Euclid Ave Loop On-Ramp	127,236	11%	13,624	50	D	5,428	45,264	50,692
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	134,426	10%	13,820	47	E	4,963	43,310	48,273
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	144,950	10%	14,089	42	E	5,959	55,345	61,304
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	130,177	10%	13,258	48	D	4,328	38,164	42,492
Mountain Ave On-Ramp to Central Ave Off-Ramp	139,034	10%	13,546	44	E	3,717	34,434	38,151
Central Ave Off-Ramp to Central Ave On-Ramp	125,536	10%	13,065	50	D	6,878	59,211	66,089
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	137,943	10%	13,458	52	D	679	6,281	6,961
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	128,619	10%	13,038	50	D	7,301	64,723	72,024
HIGH OCCUPANCY VEHICLES LANES								
Ford St On-Ramp to Cypress Ave Off-Ramp	14,659	0%	0	55	C	0	7,305	7,305
Cypress Ave Off-Ramp to University St On-Ramp	14,659	0%	0	55	C	0	10,981	10,981
University St On-Ramp to 6th St Off-Ramp	14,659	0%	0	55	C	0	5,562	5,562
6th St Off-Ramp to Orange St Loop On-Ramp	14,659	0%	0	55	C	0	5,272	5,272
Orange St Loop On-Ramp to Orange St On-Ramp	14,743	0%	0	55	C	0	5,523	5,523
Orange St On-Ramp to SR-210 NB Off-Ramp	14,743	0%	0	55	C	0	2,542	2,542
SR-210 Off-Ramp to Tennessee Off-Ramp	14,743	0%	0	55	C	0	3,929	3,929
Tennessee St Off-Ramp to Alabama St Off-Ramp	14,743	0%	0	55	C	0	2,573	2,573
Alabama St Off-Ramp to SR-210 SB On-Ramp	14,743	0%	0	55	C	0	11,542	11,542
SR-210 SB On-Ramp to Alabama St On-Ramp	14,743	0%	0	55	C	0	3,849	3,849
Alabama St On-Ramp to California St Off-Ramp	14,743	0%	0	55	C	0	1,794	1,794
California St Off-Ramp to California St On-Ramp	28,790	0%	0	59	B	0	24,816	24,816
California St On-Ramp to Mountain View Ave Off-Ramp	28,790	0%	0	59	B	0	5,540	5,540
Mountain View Ave Off-Ramp to Mountain View Ave On-Ramp	31,123	0%	0	58	B	0	6,925	6,925
Mountain View Ave On-Ramp to Tippecanoe Ave Off-Ramp	31,123	0%	0	58	B	0	6,434	6,434
Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-Ramp	31,123	0%	0	58	B	0	23,577	23,577
Tippecanoe Ave On-Ramp to Hospitality Ln/ Carnegie Dr Off-Ramp	31,123	0%	0	58	B	0	3,471	3,471
Hospitality Ln/Carnegie Dr Off-Ramp to Hospitality Ln/Carnegie Dr On-Ramp	31,123	0%	0	58	B	0	14,810	14,810
Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB Off-Ramp	31,123	0%	0	58	B	0	8,770	8,770
I-215 NB Off-Ramp to Sunwest Ln On-Ramp	31,123	0%	0	58	B	0	21,866	21,866

TABLE 2-14. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Sunwest Ln On-Ramp to I-215 NB On-Ramp	31,123	0%	0	58	B	0	6,513	6,513
I-215 NB On-Ramp to I-215 SB On-Ramp	31,123	0%	0	58	B	0	5,694	5,694
I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Ramp	31,123	0%	0	58	B	0	5,766	5,766
Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave On-Ramp	31,123	0%	0	58	B	0	22,607	22,607
Mt Vernon Ave On-Ramp to 9th St Off-Ramp	29,256	0%	0	59	B	0	1,355	1,355
9th St Off-Ramp to La Cadena Dr On-Ramp	29,256	0%	0	59	B	0	18,124	18,124
La Cadena Dr On-Ramp to Rancho Ave Off-Ramp	29,256	0%	0	59	B	0	2,577	2,577
Rancho Ave Off-Ramp to Rancho Ave On-Ramp	29,256	0%	0	59	B	0	17,090	17,090
Rancho Ave On-Ramp to Pepper Ave Off-Ramp	29,256	0%	0	59	B	0	12,190	12,190
Pepper Ave Off-Ramp to Pepper Ave On-Ramp	29,256	0%	0	59	B	0	17,398	17,398
Pepper Ave On-Ramp to Riverside Ave Off-Ramp	29,256	0%	0	59	B	0	4,981	4,981
Riverside Ave Off-Ramp to Riverside Ave On-Ramp	29,256	0%	0	59	B	0	17,266	17,266
Riverside Ave On-Ramp to Cedar Ave Off-Ramp	29,256	0%	0	59	B	0	24,945	24,945
Cedar Ave Off-Ramp to Cedar Ave On-Ramp	29,256	0%	0	59	B	0	21,255	21,255
Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra Ave in existing)	29,256	0%	0	59	B	0	15,327	15,327
Alder Ave Off-Ramp to Alder Ave On-Ramp (Future)	29,256	0%	0	59	B	0	10,977	10,977
Alder Ave On-Ramp to Alder Ave Off-Ramp (Future)	29,256	0%	0	59	B	0	10,582	10,582
Sierra Ave Off-Ramp to Sierra Ave On-Ramp	29,348	0%	0	59	B	0	20,248	20,248
Sierra Ave On-Ramp to Citrus Ave Off-Ramp	29,348	0%	0	59	B	0	11,437	11,437
Citrus Ave Off-Ramp to Citrus Ave On-Ramp	29,348	0%	0	59	B	0	15,819	15,819
Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in existing)	29,348	0%	0	59	B	0	12,273	12,273
Beach Ave Off-Ramp to Beach Ave On-Ramp	29,348	0%	0	59	B	0	18,506	18,506
Beach Ave On-Ramp to Cherry Off-Ramp	29,348	0%	0	59	B	0	11,576	11,576
Cherry Off-Ramp to Cherry On-Ramp	29,348	0%	0	59	B	0	16,154	16,154
Cherry On-Ramp to Etiwanda Ave Off-Ramp	35,670	0%	0	57	C	0	45,228	45,228
Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-Ramp	35,670	0%	0	57	C	0	24,222	24,222
Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-Ramp	35,670	0%	0	57	C	0	9,285	9,285
Etiwanda Ave On-Ramp to I-15 Off-Ramp	35,670	0%	0	57	C	0	4,747	4,747
I-15 Off-Ramp to I-15 SB On-Ramp	35,670	0%	0	57	C	0	20,235	20,235
I-15 SB On-Ramp to I-15 NB On-Ramp	35,670	0%	0	57	C	0	4,743	4,743
I-15 NB On-Ramp to Milliken Ave Off-Ramp	35,670	0%	0	57	C	0	737	737
Milliken Ave Off-Ramp to Milliken Ave On-Ramp	35,670	0%	0	57	C	0	20,702	20,702

TABLE 2-14. ALTERNATIVE 3 DAILY TRAFFIC VOLUMES - YEAR 2045 (WESTBOUND)

Location	ADT	% Trucks	Truck Volume	Speed (MPH)	LOS	Truck VMT	Non-Truck VMT	Total VMT
Milliken Ave On-Ramp to Haven Ave Off-Ramp	35,670	0%	0	57	C	0	8,904	8,904
Haven Ave Off-Ramp to Haven Ave Loop On-Ramp	35,670	0%	0	57	C	0	14,669	14,669
Haven Ave Loop On-Ramp to Haven Ave On-Ramp	46,974	0%	0	55	D	0	13,562	13,562
Haven Ave On-Ramp to Archibald Ave Off-Ramp	46,974	0%	0	55	D	0	12,840	12,840
Archibald Ave Off-Ramp to Holt Blvd Off-Ramp	46,974	0%	0	55	D	0	15,242	15,242
Holt Blvd Off-Ramp to Archibald Ave On-Ramp	46,974	0%	0	55	D	0	29,388	29,388
Archibald Ave On-Ramp to Vineyard Ave Off-Ramp	46,974	0%	0	55	D	0	7,187	7,187
Vineyard Ave Off-Ramp to Vineyard Ave Loop On-Ramp	46,974	0%	0	55	D	0	16,985	16,985
Vineyard Ave Loop On-Ramp to Vineyard Ave On-Ramp	46,974	0%	0	55	D	0	8,939	8,939
Vineyard Ave On-Ramp to 4th St Off-Ramp	46,974	0%	0	55	D	0	17,093	17,093
4th St Off-Ramp to 4th St On-Ramp	46,974	0%	0	55	D	0	18,251	18,251
4th St On-Ramp to 7th St Off-Ramp	46,974	0%	0	55	D	0	12,169	12,169
7th St Off-Ramp to Euclid Ave Loop On-Ramp	47,462	0%	0	51	D	0	18,909	18,909
Euclid Ave Loop On-Ramp to Euclid Ave On-Ramp	47,462	0%	0	51	D	0	17,044	17,044
Euclid Ave On-Ramp to Mountain Ave Off-Ramp	47,462	0%	0	51	D	0	20,073	20,073
Mountain Ave Off-Ramp to Mountain Ave On-Ramp	49,726	0%	0	51	D	0	16,231	16,231
Mountain Ave On-Ramp to Central Ave Off-Ramp	49,726	0%	0	51	D	0	13,645	13,645
Central Ave Off-Ramp to Central Ave On-Ramp	49,726	0%	0	51	D	0	26,179	26,179
Central Ave On-Ramp to Monte Vista Ave Off-Ramp	49,726	0%	0	51	D	0	2,509	2,509
Monte Vista Ave Off-Ramp to Monte Vista Ave On-Ramp	49,726	0%	0	51	D	0	27,845	27,845

Note: ADT = average daily traffic; MPH = miles per hour: LOS = Level of Service; VMT = vehicle miles traveled
SOURCE: Parsons.

3. REGULATORY SETTING

The Federal Clean Air Act (FCAA), as amended, is the primary federal law that governs air quality while the California Clean Air Act (CCAA) is its companion state law. These laws, and related regulations by the U.S. EPA and the CARB, set standards for the concentration of pollutants in the air. At the federal level, these standards are called National Ambient Air Quality Standards (NAAQS). NAAQS and California Ambient Air Quality Standards (CAAQS) have been established for six transportation-related criteria pollutants that have been linked to potential health concerns: carbon monoxide (CO), nitrogen dioxide (NO_2), ozone (O_3), particulate matter (PM), which is broken down for regulatory purposes into particles of 10 micrometers or smaller (PM_{10}) and particles of 2.5 micrometers and smaller ($PM_{2.5}$), and sulfur dioxide (SO_2). In addition, national and State standards exist for lead (Pb), and State standards exist for visibility reducing particles, sulfates, hydrogen sulfide, and vinyl chloride. The NAAQS and State standards are set at levels that protect public health with a margin of safety, and are subject to periodic review and revision. Both State and federal regulatory schemes also cover toxic air contaminants (air toxics); some criteria pollutants are also air toxics or may include certain air toxics in their general definition.

3.1. FEDERAL CLEAN AIR ACT

Federal air quality standards and regulated provide the basic scheme for project-level air quality analysis under the National Environmental Policy Act (NEPA). In addition to this environmental analysis, a parallel conformity requirement under the FCAA also applies. The sections of FCAA directly applicable to the proposed project include Title I (Non-attainment Provisions) and Title II (Mobile Source Provisions). Title I requirements are implemented for the purpose of attaining NAAQS for the following criteria pollutants: (1) O_3, (2) NO_2, (3) SO_2, (4) PM_{10} and $PM_{2.5}$, (5) CO, and (6) Pb. Title II of the FCAA pertains to mobile sources, such as cars, trucks, buses, and planes. Reformulated gasoline, automobile pollution control devices, and vapor recovery nozzles on gas pumps are a few mechanisms that U.S. EPA uses to regulate mobile air emission sources. The provisions of Title II resulted in tailpipe emission standards for vehicles, which have strengthened in recent years to improve air quality.[1] For example, the standards for NO_2 emissions have been lowered substantially, and the specification requirements for cleaner burning gasoline have been made more stringent.

3.2. CALIFORNIA CLEAN AIR ACT

Air quality in California is also regulated under the CCAA. In California, the CCAA is administered by CARB at the State level and by the air quality management districts and air pollution control districts at the regional and local levels. A major element of the CCAA is the requirement that local air districts which are in violation of the CAAQS must prepare air quality management or attainment plans that identify air quality problems, causes, trends and actions to be taken to attain and maintain California's air quality standards by the earliest practicable date. CCAA standards are more stringent than FCAA standards.

[1]Congressional Research Service, *Clean Air Act: A Summary of the Act and Its Major Requirements, January*, 2011.

3.3. REGIONAL AIR QUALITY MANAGEMENT

The South Coast Air Quality Management District (SCAQMD) has jurisdiction over air quality planning for all of Orange County, Los Angeles County (except for the Antelope Valley), the non-desert portion of western San Bernardino County, and the western Coachella Valley portions of Riverside County. The South Coast Air Basin is a subregion within SCAQMD jurisdiction. The SCAQMD has adopted a series of Air Quality Management Plans (AQMPs) to meet the CAAQS and NAAQS. The following list summarizes the main components of the past AQMP updates and revisions:

- The first AQMP was prepared and approved by the SCAQMD in 1979.
- The 1979 AQMP was revised in 1982 to reflect better data and modeling tools.
- In 1987, a federal court ordered the U.S. EPA to disapprove the 1982 AQMP because it did not demonstrate attainment of all NAAQS by 1987 as required by the FCAA. This led to the preparation of the 1989 AQMP.
- The 1989 AQMP was specifically designed to attain all NAAQS. This plan called for three tiers of measures as needed to attain all standards and relied on significant future technology advancement to attain these standards.
- The SCAQMD prepared and adopted the 1991 AQMP to comply with the CCAA.
- In 1992, the 1991 AQMP was amended to add a control measure containing market incentive programs.
- In 1994, the SCAQMD prepared and adopted the 1994 AQMP to comply with the CCAA three-year update requirement and to meet the FCAA requirement for an O_3 State Implementation Plan (SIP). The 1994 AQMP included the following:
    - All geographical areas under the jurisdiction of the SCAQMD, as opposed to just the South Coast Air Basin;
    - The basic control strategies remained the same although the three-tiered structure of control measures was replaced and measures previously referred to as Tier I, II or III were replaced with short/intermediate-term or long-term control measures;
    - Updated and refined control measures carried over from 1991;
    - Best Available Control Measure PM_{10} Plan; and
    - The O_3 attainment demonstration plan.
- The 1997 AQMP was designed to comply with the three-year update requirements specified in the CCAA as well as to include an attainment demonstration for PM_{10} as required by the FCAA. Relative to ozone, the 1997 AQMP contained the following changes to the control strategies compared to the 1994 AQMP:
    - Less reliance on transportation control measures (TCMs);
    - Less reliance on long-term control measures that rely on future technologies as allowed under Section 182 (e)(5) of the FCAA; and
    - Removal of other infeasible control measures and indirect source measures.

- In 1999, the O_3 plan portion of the 1997 AQMP was amended to address partial disapproval of the 1997 AQMP by the U.S. EPA and a settlement of litigation by environmental groups challenging the 1997 AQMP to provide the following:
  - Greater emission reductions in the near-term than would occur under the 1997 AQMP;
  - Early adoption of the measures that would otherwise be contained in the next three-year update of the AQMP; and
  - Additional flexibility relative to substituting new measures for infeasible measures and recognition of the relevance of cost effectiveness in determining feasibility.
- In April 2000, U.S. EPA approved the 1999 O_3 SIP amendments to the 1997 plan. The 1999 Amendment in part addressed the State's requirements for a triennial plan update.
- The 2003 AQMP was approved and adopted by the SCAQMD in August 2003, although it was never fully approved by the U.S. EPA as part of the SIP. The 2003 AQMP addressed the following control strategies:
  - Attaining the federal PM_{10} ambient air quality standard for the South Coast Air Basin and Coachella Valley these portions were approved by U.S. EPA; in both areas, the ozone attainment demonstration was disapproved after the CARB withdrew its measures;
  - Attaining the federal one-hour ozone standard;
  - 1997/1999 control measures not yet implemented;
  - Revisions to the Post-1996 volatile organic compounds (VOC) Rate-of-Progress Plan and SIP for CO;
  - Initial analysis of emission reductions necessary to attain the $PM_{2.5}$ and 8-hour ozone standards; etc.; and
  - The 2003 AQMP was partially approved and partially disapproved by U.S. EPA.
- The SCAQMD Governing Board approved the 2007 AQMP on June 1, 2007. On September 27, 2007, CARB adopted the State Strategy for the 2007 SIP and the 2007 AQMP. The 2007 SIP was then forwarded to U.S. EPA for approval. The following summarize the major components of the 2007 AQMP:
  - Updated emission inventories of stationary and mobile on-road and off-road sources;
  - 2003 AQMP control measures not yet implemented (eight of the control measures originally contained in the 2003 AQMP were updated or revised for inclusion into the Draft 2007 AQMP);
  - 24 new measures were incorporated into the 2007 AQMP based on replacing the SCAQMD's long-term control measures from the 2003 AQMP with more defined or new control measures and control measure adoption and implementation schedules;
  - CARB's recommended control measures aimed at reducing emissions from sources that are primarily under State and federal jurisdiction, including on-road and off-road mobile sources, and consumer products;
  - SCAG's regional transportation strategy and control measures; and
  - Analysis of emission reductions necessary and attainment demonstrations to achieve the federal 8-hour ozone and $PM_{2.5}$ air quality standards.

- On November 22, 2010, U.S. EPA issued a notice of proposed partial approval and partial disapproval of the 2007 SIP for the 1997 Fine Particulate Matter Standards and the corresponding 2007 State Strategy. Specifically, U.S. EPA proposed approving the SIP's inventory and regional modeling analyses, but it also proposed disapproving the attainment demonstration because it relied too extensively on commitments to emission reductions in lieu of fully adopted, submitted, and SIP-approved rules. The notice also cited deficiencies in the SIP's contingency measures.
    - In response to U.S. EPA's proposed partial disapproval of the 2007 SIP, on March 4, 2011, the SCAQMD Governing Board approved Revisions to the 2007 $PM_{2.5}$ and O_3 SIP for South Coast Air Basin and Coachella Valley. The revisions to the 2007 $PM_{2.5}$ and O_3 SIP consist of the following:
        - Updated implementation status of SCAQMD control measures necessary to meet the 2015 $PM_{2.5}$ attainment date;
        - Revisions to the control measure adoption schedule;
        - Changes made to the emission inventory resulting from CARB's December 2010 revisions to the on-road truck and off-road equipment rules; and
        - An SCAQMD commitment to additional NO_x emission reductions, if needed, in the event U.S. EPA does not voluntarily accept the federal assignment.
- In response to the July 14, 2011, U.S. EPA notice of proposed partial approval and partial disapproval of the 2007 SIP for the 1997 Fine Particulate Matter Standards, at the October 7, 2011 public hearing, the SCAQMD Governing Board approved Further Revisions to $PM_{2.5}$ and Ozone State Implementation Plan for South Coast Air Basin and Coachella Valley. Revisions to the $PM_{2.5}$ SIP included a three-prong approach for identifying contingency measures needed to address U.S. EPA's partial disapproval:
    - Equivalent emissions reductions achieved through improvements in air quality;
    - Relying on committed emissions reductions for the 2007 ozone plan;
    - Quantifying excess emissions reductions achieved by existing rules and programs that were not originally included in the 2007 $PM_{2.5}$ SIP;
    - U.S. EPA approved the $PM_{2.5}$ SIP except for contingency measures on November 9, 2011. Action is pending on the contingency measures; and
    - U.S. EPA fully approved the 2007 SIP for the 8-hour ozone standard on March 1, 2012.

The 2012 AQMP is the current AQMP for areas under SCAQMD jurisdiction. The 2012 AQMP incorporates the latest scientific and technological information and planning assumptions, including the 2012-2035 RTP/SCS, and updated emission inventory methodologies for various source categories. The Final 2012 AQMP was adopted by the SCAQMD Governing Board on December 7, 2012. The AQMP builds upon other agencies' plans to achieve federal standards for air quality in the South Coast Air Basin. It incorporates a comprehensive strategy aimed at controlling pollution from all sources, including stationary sources, and on-road and off-road mobile sources. The 2012 AQMP built upon improvements in previous plans, and includes new and changing federal requirements, implementation of new technology measures, and the continued development of economically sound, flexible compliance approaches. In addition, it highlights the significant amount of emission reductions needed and the need to identify additional strategies, especially in the area of mobile sources, to meet all federal criteria pollutant standards within the timeframes allowed under the FCAA.

The 2012 AQMP's key undertaking is to bring the South Coast Air Basin into attainment with NAAQS $PM_{2.5}$ for 24-hour by 2014. It also intensifies the scope and pace of continued air quality improvement efforts towards meeting the 2024 8-hour ozone standard deadline with new measures designed to reduce reliance on the FCAA Section 182(e) (S) long-term measures for NO_X, and volatile organic compound reductions. SCAQMD expects exposure reductions to be achieved through implementation of new and advanced control technologies as well as improvement of existing technologies. The control measures in the 2012 AQMP consist of four components: (1) South Coast Air Basin wide and Episodic Short term PM Measures; (2)Contingency Measures; (3) 8-hour Ozone Implementation Measures; and (4) Transportation and Control Measures provided by the SCAG. The 2012 AQMP includes eight short term, PM control measures, 16 stationary source 8-hour ozone measures, 10 early action measures for mobile sources and seven early action measures proposed to accelerate near-zero and zero-emission technologies for goods movement related sources, and five on-road and five off-road mobile source control measures. In general, the SCAQMD control strategy for stationary and mobile sources is based on the following approaches: (1) available cleaner technologies; (2) best management practices; (3) incentive programs; (4) development and implementation of zero and near-zero technologies and vehicles and control methods; and (5) emission reductions from mobile sources.

3.4. CONFORMITY

The conformity requirement is based on FCAA Section 176(c), which prohibits the U.S. Department of Transportation (U.S. DOT) and other federal agencies from funding, authorizing, or approving plans, programs or projects that do not conform to SIP for attainting the NAAQS. Transportation conformity applies to highway and transit projects and takes place on two levels: the regional—or, planning and programming level—and the project level. A proposed project must conform at both levels to be approved.

Conformity requirements apply only in nonattainment and maintenance (former nonattainment) areas for the NAAQS, and only for the specific NAAQS that are or were violated. U.S. EPA regulations at 40 Code of Federal Regulations (CFR) 93 govern the conformity process. Conformity requirements do not apply in unclassifiable/attainment areas for NAAQS and do not apply at all for State standards regardless of the status of the area.

Regional conformity is concerned with how well the regional transportation system supports plans for attaining the NAAQS for CO, NO_2, O_3, PM_{10}, and $PM_{2.5}$, and in some areas (although not in California), SO_2. California has attainment or maintenance areas for all of these transportation-related criteria pollutants except SO_2, and also has a nonattainment area for lead; however, lead is not currently required by the FCAA to be covered in transportation conformity analysis. Regional conformity is based on emission analysis of the 2012-2035 RTP/SCS and FTIPs that include all transportation projects planned for a region over a period of at least 20 years (for the RTP), and 4 years (for the FTIP). RTP and FTIP conformity uses travel demand and emission models to determine whether or not the implementation of those projects would conform to emission budgets or other tests at various analysis years showing that requirements of the FCAA and the SIP are met. If the conformity analysis is successful, the Metropolitan Planning Organization (MPO), FHWA, and Federal Transit Administration (FTA), make the determinations that the RTP and FTIP are in conformity with the SIP for achieving the goals of the FCAA. Otherwise, the projects in the RTP and/or FTIP must be modified until conformity is attained. If the design concept, scope, and open-to-traffic schedule of a proposed transportation project are the same as described in the RTP and the FTIP, then the proposed project meets regional conformity requirements for purposes of project-level analysis.

Conformity analysis at the project-level includes verification that the project is included in the regional conformity analysis and a hot-spot analysis if an area is nonattainment or maintenance for CO and/or particulate matter (PM_{10} or $PM_{2.5}$). A region is nonattainment if one or more of the monitoring stations in the region measure a violation of the relevant standard and the U.S. EPA officially designates the area nonattainment. Areas that were previously designated as nonattainment areas but subsequently meet the standard may be officially re-designated to attainment by U.S. EPA, and are then called “maintenance” areas. Hot-spot analysis is essentially the same, for technical purposes, as CO or particulate matter analysis performed for NEPA purposes. Conformity does include some specific procedural and documentation standards for projects that require a “hot-spot” analysis. In general, projects must not cause the “hot-spot” related standard to be violated, and must not cause any increase in the number and severity of violations in nonattainment areas. If a known CO or PM violation is located in the project vicinity, the proposed project must include measures to reduce or eliminate the existing violation(s) as well.

4. AFFECTED ENVIRONMENT

4.1. METEOROLOGY AND CLIMATE

4.1.1. Climate

The South Coast Air Basin is in an area of high air pollution potential due to its climate and topography (**Figure 4-1**).[2] The general region lies in the semi-permanent high pressure zone of the eastern Pacific, resulting in a mild climate tempered by cool sea breezes with light average wind speeds. The South Coast Air Basin experiences warm summers, mild winters, infrequent rainfalls, light winds, and moderate humidity. This usually mild climatologic pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds. The South Coast Air Basin is a coastal plain with connecting broad valleys and low hills, bounded by the Pacific Ocean to the west and high mountains around the rest of its perimeter. The mountains and hills within the area contribute to the variation of rainfall, temperature, and winds throughout the region.

Within the project area, wind in Cities of Upland, Fontana, and San Bernardino blows mostly from southwest.[3] The portion of the alignment between these Cities constitutes approximately 80 percent of the length of the corridor. Going towards the east, in the City of Redlands, wind changes direction due to the contour of the lands and blows equally northwesterly/southeasterly parallel to the direction of I-10 outside of the project limits towards east. The average wind speed as recorded by the aforementioned wind monitoring stations is approximately 1.7 ± 0.5 miles per hour, with calm winds occurring approximately two to eight percent of the time. Wind in the project area predominantly blows from the southwest.

Average temperatures in the coastal area vary from lows in the mid-50s to highs in the mid-70s degree Fahrenheit, with annual precipitation ranging from 12 to 16 inches.[4] Further inland, temperatures increase and precipitation decreases. Average highs during the summertime can reach the mid- to high-90s degrees Fahrenheit (°F), with maximum daily temperatures over 100°F common in many inland areas. The annual average temperature in the project area is 64°F. The project area experiences an average winter temperature of approximately 53°F and an average summer temperature of approximately 76°F. Total precipitation in the project area averages approximately 16 inches annually. Precipitation occurs mostly during the winter and relatively infrequently during the summer. Precipitation averages approximately 9.0 inches during the winter, approximately 4.6 inches during the spring, approximately 2.4 inches during the fall, and less than one inch during the summer.

4.1.2. Sunlight

The presence and intensity of sunlight are necessary prerequisites for the formation of photochemical O_3. Under the influence of the ultraviolet radiation of sunlight, certain original or “primary” pollutants (mainly reactive hydrocarbons and oxides of nitrogen) react to form “secondary” pollutants (primarily oxidants).

[2]South Coast Air Quality Management District, *2012 Air Quality Management Plan*, February 2013.

[3]South Coast Air Quality Management District, *Meteorological Stations & Years of Metrological Data Provided in 2005-2012* (available at http://www.aqmd.gov/home/library/air-quality-data-studies/meteorological-data/aermod-table-1), accessed January 13, 2015.

[4]Western Regional Climate Center, *Historical Climate Information* (available at http:// www.wrrc.dri.edu), accessed January 13, 2015.

LEGEND:

South Coast Air Basin

State of California

Project Alignment

SOURCE: California Air Resources Board, State and Local Air Monitoring Network Plan, May 2008.

Approx. Scale

N

0 75 150 Miles

Interstate 10 Corridor Project
Air Quality Report

CALIFORNIA DEPARTMENT OF TRANSPORTATION

FIGURE 4-1

SOUTH COAST AIR BASIN

Since this process is time dependent, secondary pollutants can be formed many miles downwind from the emission sources. Due to the prevailing daytime winds and time-delayed nature of photochemical O_3, oxidant concentrations are highest in the inland areas of Southern California.

4.1.3. Temperature Inversion

Temperature normally declines with altitude. A reversal of this atmospheric state, where temperature increases with altitude, is called an inversion. The height from the earth's surface to the inversion base is known as the mixing height. With persistent low inversions and cool coastal air, morning fog and low stratus clouds are common. Cloudy days are less likely in the eastern portions of the South Coast Air Basin and about 25 percent more likely along the coast. The vertical dispersion of air pollutants in the South Coast Air Basin is limited by temperature inversions in the atmosphere close to the earth's surface.

Inversions are generally lower in the nighttime when the ground is cool, than during daylight hours when the sun warms the ground and, in turn, the surface air layer. As this heating process continues, the temperature of the surface air layer approaches the temperature of the inversion base, causing heating along its lower edge. If enough warming takes place, the inversion layer becomes weak and opens up to allow the surface air layers to mix upward. This can be seen in the mid- to late-afternoon on a hot summer day when O_3 appears to clear suddenly. Winter inversions typically break earlier in the day, preventing excessive contaminant build-up.

The combination of stagnant wind conditions and low inversions produces the greatest pollutant concentrations. On days of no inversion or high wind speeds, ambient air pollutant concentrations are lowest. During periods of low inversions and low wind speeds, air pollutants generated in urbanized areas are transported predominantly onshore into Riverside and San Bernardino Counties. In the winter, the greatest pollution problems are CO and oxides of nitrogen because of extremely low inversions and air stagnation during the night and early morning hours. In the summer, the longer daylight hours and the brighter sunshine combine to cause a reaction between hydrocarbons and oxides of nitrogen to form photochemical O_3.

4.2. ATTAINMENT STATUS

The attainment status of the area in which the proposed project is located is shown in **Table 4-1**. According to the NAAQS, the San Bernardino County portion of the South Coast Air Basin is designated by the U.S. EPA as an extreme nonattainment area for O_3, a moderate nonattainment area for $PM_{2.5}$, unclassified/attainment for lead, and a maintenance area for PM_{10}, CO, and NO_2. The CARB designated the project area as nonattainment for O_3, PM_{10}, and $PM_{2.5}$, as unclassified for hydrogen sulfide and visibility reducing particles, and as attainment for CO, NO_2, SO_2, lead, and sulfate. The conformity process does not address pollutants for which the area is attainment/unclassified, MSATs, other toxic air contaminants or hazardous air pollutants, or greenhouse gases (GHGs).

TABLE 4-1. STATE AND FEDERAL CRITERIA AIR POLLUTANT STANDARDS, EFFECTS, AND SOURCES

Pollutant	Averaging Time	State Standard /a/	Federal Standard /b/	Principal Health and Atmospheric Effects	Typical Sources	State Project Area Attainment Status	Federal Project Area Attainment Status
Ozone (O_3)	1 hour	0.09 ppm/c/	--- /d/	High concentrations irritate lungs. Long-term exposure may cause lung tissue damage and cancer. Long-term exposure damages plant materials and reduces crop productivity. Precursor organic compounds include many known toxic air contaminants. Biogenic VOC may also contribute.	Low-altitude ozone is almost entirely formed from reactive organic gases/volatile organic compounds (ROG or VOC) and nitrogen oxides (NOx) in the presence of sunlight and heat. Common precursor emitters include motor vehicles and other internal combustion engines, solvent evaporation, boilers, furnaces, and industrial processes.	Nonattainment	Nonattainment (Extreme)
	8 hours	0.070 ppm	0.070 ppm (4th highest in 3 years)				
Carbon Monoxide (CO)	1 hour	20 ppm	35 ppm	CO interferes with the transfer of oxygen to the blood and deprives sensitive tissues of oxygen. CO also is a minor precursor for photochemical ozone. Colorless, odorless.	Combustion sources, especially gasoline-powered engines and motor vehicles. CO is the traditional signature pollutant for on-road mobile sources at the local and neighborhood scale.	Attainment	Attainment-Maintenance
	8 hours	9.0 ppm /a/	9 ppm				
	8 hours (Lake Tahoe)	6 ppm	---				
Respirable Particulate Matter (PM_{10})/e/	24 hours	50 µg/m^3 /f/	150 µg/m^3 (expected number of days above standard < or equal to 1)	Irritates eyes and respiratory tract. Decreases lung capacity. Associated with increased cancer and mortality. Contributes to haze and reduced visibility. Includes some toxic air contaminants. Many toxic & other aerosol and solid compounds are part of PM10.	Dust- and fume-producing industrial and agricultural operations; combustion smoke & vehicle exhaust; atmospheric chemical reactions; construction and other dust-producing activities; unpaved road dust and re-entrained paved road dust; natural sources.	Nonattainment	Attainment-Maintenance (Serious)
	Annual	20 µg/m^3	--- /e/				
Fine Particulate Matter (PM2.5)/e/	24 hours	---	35 µg/m^3	Increases respiratory disease, lung damage, cancer, and premature death. Reduces visibility and produces surface soiling. Most diesel exhaust particulate matter – a toxic air contaminant – is in the PM2.5 size range. Many toxic & other aerosol and solid compounds are part of PM2.5.	Combustion including motor vehicles, other mobile sources, and industrial activities; residential and agricultural burning; also formed through atmospheric chemical and photochemical reactions involving other pollutants including NOx, sulfur oxides (SOx), ammonia, and ROG.	Nonattainment	Nonattainment (Moderate)
	Annual	12 µg/m^3	12.0 µg/m^3				
	24 hours (conformity process/g/)	---	65 µg/m^3				
	Secondary Standard (annual; also for conformity process/e/)	---	15 µg/m^3 (98th percentile over 3 years)				
Nitrogen Dioxide (NO_2)	1 hour	0.18 ppm	0.100 ppm/h/	Irritating to eyes and respiratory tract. Colors atmosphere reddish-brown. Contributes to acid rain & nitrate contamination of stormwater. Part of the "NOx" group of ozone precursors.	Motor vehicles and other mobile or portable engines, especially diesel; refineries; industrial operations.	Attainment	Attainment-Maintenance
	Annual	0.030 ppm	0.053 ppm				
Sulfur Dioxide (SO_2)	1 hour	0.25 ppm	0.075 ppm/i/ (99th percentile over 3 years)	Irritates respiratory tract; injures lung tissue. Can yellow plant leaves. Destructive to marble, iron, steel. Contributes to acid rain. Limits visibility.	Fuel combustion (especially coal and high-sulfur oil), chemical plants, sulfur recovery plants, metal processing; some natural sources like active volcanoes. Limited contribution possible from heavy-duty diesel vehicles if ultra-low sulfur fuel not used.	Attainment	Attainment
	3 hours	---	0.5 ppm/j/				
	24 hours	0.04 ppm	0.14 ppm (for certain areas)				
	Annual	---	0.030 ppm (for certain areas)				

TABLE 4-1. STATE AND FEDERAL CRITERIA AIR POLLUTANT STANDARDS, EFFECTS, AND SOURCES

Pollutant	Averaging Time	State Standard /a/	Federal Standard /b/	Principal Health and Atmospheric Effects	Typical Sources	State Project Area Attainment Status	Federal Project Area Attainment Status
Lead (Pb)/k/	Monthly	1.5 μg/m^3	---	Disturbs gastrointestinal system. Causes anemia, kidney disease, and neuromuscular and neurological dysfunction. Also a toxic air contaminant and water pollutant.	Lead-based industrial processes like battery production and smelters. Lead paint, leaded gasoline. Aerially deposited lead from older gasoline use may exist in soils along major roads.	Attainment	Nonattainment (Los Angeles County Only)
	Calendar Quarter	---	1.5 μg/m^3 (for certain areas)				
	Rolling 3-month average	---	0.15 μg/m^3/l/				
Sulfate	24 hours	25 μg/m^3	---	Premature mortality and respiratory effects. Contributes to acid rain. Some toxic air contaminants attach to sulfate aerosol particles.	Industrial processes, refineries and oil fields, mines, natural sources like volcanic areas, salt-covered dry lakes, and large sulfide rock areas.	Attainment	N/A
Hydrogen Sulfide (H_2S)	1 hour	0.03 ppm	---	Colorless, flammable, poisonous. Respiratory irritant. Neurological damage and premature death. Headache, nausea. Strong odor.	Industrial processes such as: refineries and oil fields, asphalt plants, livestock operations, sewage treatment plants, and mines. Some natural sources like volcanic areas and hot springs.	Attainment	N/A
Visibility Reducing Particles (VRP)	8 hours	Visibility of 10 miles or more (Tahoe: 30 miles) at relative humidity less than 70%	---	Reduces visibility. Produces haze. NOTE: not directly related to the Regional Haze program under the Federal Clean Air Act, which is oriented primarily toward visibility issues in National Parks and other "Class I" areas. However, some issues and measurement methods are similar.	See particulate matter above. May be related more to aerosols than to solid particles.	Attainment	N/A
Vinyl Chloride/k/	24 hours	0.01 ppm	---	Neurological effects, liver damage, cancer. Also considered a toxic air contaminant.	Industrial processes		N/A

/a/ State standards are "not to exceed" or "not to be equaled or exceeded" unless stated otherwise.
/b/ Federal standards are "not to exceed more than once a year" or as described above.
/c/ ppm = parts per million
/d/ Prior to 6/2005, the 1-hour ozone NAAQS was 0.12 ppm. Emission budgets for 1-hour ozone are still be in use in some areas where 8-hour ozone emission budgets have not been developed, such as the San Francisco Bay Area.
/e/ Annual PM_{10} NAAQS revoked October 2006; was 50 μg/m^3. 24-hour $PM_{2.5}$ NAAQS tightened October 2006; was 65 μg/m^3. Annual $PM_{2.5}$ NAAQS tightened from 15 μg/m^3 to 12 μg/m^3 December 2012 and secondary annual standard set at 15 μg/m^3.
/f/ μg/m^3 = micrograms per cubic meter
/g/ The 65 μg/m^3 PM2.5 (24-hour) NAAQS was not revoked when the 35 μg/m3 NAAQS was promulgated in 2006. The 15 μg/m^3 annual $PM_{2.5}$ standard was not revoked when the 12 μg/m3 standard was promulgated in 2012. The 0.08 ppm 1997 ozone standard is revoked FOR CONFORMITY PURPOSES ONLY when area designations for the 2008 0.75 ppm standard become effective for conformity use (7/20/2013). Conformity requirements apply for all NAAQS, including revoked NAAQS, until emission budgets for newer NAAQS are found adequate, SIP amendments for the newer NAAQS are approved with a emission budget, U.S. EPA specifically revokes conformity requirements for an older standard, or the area becomes attainment/unclassified. SIP-approved emission budgets remain in force indefinitely unless explicitly replaced or eliminated by a subsequent approved SIP amendment. During the "Interim" period prior to availability of emission budgets, conformity tests may include some combination of build vs. no build, build vs. baseline, or compliance with prior emission budgets for the same pollutant.
/h/ Final 1-hour NO_2 NAAQS published in the Federal Register on 2/9/2010, effective 3/9/2010. Initial area designation for California (2012) was attainment/unclassifiable throughout. Project-level hot-spot analysis requirements do not currently exist. Near-road monitoring starting in 2013 may cause re-designation to nonattainment in some areas after 2016.
/i/ U.S. EPA finalized a 1-hour SO_2 standard of 75 ppb (parts per billion [thousand million]) in June 2010. Nonattainment areas have not yet been designated as of 9/2012.
/j/ Secondary standard, set to protect public welfare rather than health. Conformity and environmental analysis address both primary and secondary NAAQS.
/k/ The CARB has identified vinyl chloride and the particulate matter fraction of diesel exhaust as toxic air contaminants. Diesel exhaust particulate matter is part of PM_{10} and, in larger proportion, $PM_{2.5}$. Both the CARB and U.S. EPA have identified lead and various organic compounds that are precursors to ozone and $PM_{2.5}$ as toxic air contaminants. There are no exposure criteria for adverse health effect due to toxic air contaminants, and control requirements may apply at ambient concentrations below any criteria levels specified above for these pollutants or the general categories of pollutants to which they belong.
/l/ Lead NAAQS are not considered in Transportation Conformity analysis.

SOURCE: Air Pollution Standards, Standard Environmental Reference, Department of Transportation, website: http://www.dot.ca.gov/ser/downloads/AirQualityConformity/aq_updates_air_pollution_stds_tbl.docx, accessed June 2, 2015.

4.3. AIR POLLUTION STANDARDS

Standards have been established for six criteria pollutants that have been linked to potential health concerns; these criteria pollutants in NEPA significance analysis include CO, NO_2, O_3, particulate matter ($PM_{2.5}$ and PM_{10}), lead, and SO_2. CEQA air pollutants, in addition to these criteria pollutants include visibility reducing particles, sulfates, hydrogen sulfide and vinyl chloride. The federal and State standards are summarized in **Table 4-1**. Each of these pollutants are discussed below. The following descriptions of each air pollutant and their health effects are based on information provided by the SCAQMD.[5]

4.3.1. Carbon Monoxide

CO is a colorless, odorless, relatively inert gas. It is a trace constituent in the unpolluted troposphere, and is produced by both natural processes and human activities. In remote areas far from human habitation, CO occurs in the atmosphere at an average background concentration of 0.04 ppm (40 ppb), primarily as a result of natural processes such as forest fires and the oxidation of methane.[6] Global atmospheric mixing of CO from urban and industrial sources creates higher background concentrations (up to 0.20 ppm) near urban areas.[7] The major source of CO in urban areas is incomplete combustion of carbon-containing fuels, mainly gasoline.

Individuals with a deficient blood supply to the heart are the most susceptible to the adverse effects of CO exposure. The effects observed include earlier onset of chest pain with exercise, and electrocardiograph changes indicative of worsening oxygen supply to the heart. Inhaled CO has no direct toxic effect on the lungs, but exerts its effect on tissues by interfering with oxygen transport by competing with oxygen to combine with hemoglobin present in the blood to form carboxyhemoglobin (COHb). Hence, conditions with an increased demand for oxygen supply can be adversely affected by exposure to CO. Individuals most at risk include patients with diseases involving heart and blood vessels, fetuses (unborn babies), and patients with chronic hypoxemia (oxygen deficiency) as seen in high altitudes. Reductions in birth weight and impaired neurobehavioral development have been observed in animals chronically exposed to CO resulting in COHb levels similar to those observed in smokers. Studies have found increased risks for adverse birth outcomes with exposure to elevated CO levels. These include pre-term births and heart abnormalities.[8]

U.S. EPA established identical primary and secondary 1- and 8-hour CO standards of 35 and 9 ppm, respectively. The primary was retained and the secondary standard was revoked in 1985. The primary standards were reviewed and retained without revision in 1994 and 2011, and are the only applicable federal CO standards.

4.3.2. Ozone

O_3, a colorless gas with a sharp odor, is a highly reactive form of oxygen. High O_3 concentrations exist naturally in the stratosphere. However, it is also formed in the atmosphere when reactive organic gases (ROG), which include VOC and nitrogen oxides (NO_x), react in the presence of ultraviolet sunlight. The primary sources of ROG and NO_x, the components of O_3, are automobile exhaust and industrial sources. Some mixing of stratospheric O_3 downward through the troposphere to the earth's surface does occur; however, the extent of O_3 transport is limited.

[5] South Coast Air Quality Management District, *Final Program Environmental Impact Report for the 2012 AQMP*, December 7, 2012.
[6] *Ibid*.
[7] *Ibid*.
[8] *Ibid*.

While O_3 is beneficial in the stratosphere because it filters out skin-cancer-causing ultraviolet radiation, it is a highly reactive oxidant. It is this reactivity which accounts for its damaging effects on materials, plants, and human health at the earth's surface. The propensity of O_3 for reacting with organic materials causes it to be damaging to living cells and cause health effects. O_3 enters the human body primarily through the respiratory tract and causes respiratory irritation and discomfort, makes breathing more difficult during exercise, and reduces the respiratory system's ability to remove inhaled particles and fight infection. Individuals exercising outdoors, children and people with preexisting lung disease, such as asthma and chronic pulmonary lung disease, are considered to be the most susceptible subgroups for O_3 effects. Short-term exposures (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes. In recent years, a correlation between elevated ambient O_3 levels and increases in daily hospital admission rates, as well as mortality, has also been reported. An increased risk for asthma has been found in children who participate in multiple sports and live in high O_3 communities. Elevated O_3 levels are also associated with increased school absences.[9]

O_3 exposure under exercising conditions is known to increase the severity of the above mentioned observed responses. Animal studies suggest that exposures to a combination of pollutants which include O_3 may be more toxic than exposure to O_3 alone. Although lung volume and resistance changes observed after a single exposure diminish with repeated exposures, biochemical and cellular changes appear to persist, which can lead to subsequent lung structural changes.[10]

U.S. EPA established a primary and secondary 1-hour total photochemical oxidants standard of 0.08 ppm in 1971. This standard was revised to a 1-hour ozone standard of 0.12 ppm in 1979. The standard was reviewed and retained without revision in 1993. In 1997, U.S. EPA revoked the 1-hour ozone standard and implemented an 8-hour ozone standard of 0.08 ppm. In 2008, the 8-hour ozone standard was lowered to 0.075 ppm, and this is the applicable federal O_3 standard.

4.3.3. Nitrogen Dioxide

NO_2 is a reddish-brown gas with a bleach-like odor. Nitric oxide (NO) is a colorless gas, formed from the nitrogen and oxygen in air under conditions of high temperature and pressure which are generally present during combustion of fuels (e.g., motor vehicles); NO reacts rapidly with the oxygen in air to form NO_2. NO_2 is responsible for the brownish tinge of polluted air. The two gases, NO and NO_2, are referred to collectively as nitrogen oxide (NO_X). In the presence of sunlight, NO_2 reacts to form NO and an oxygen atom. The oxygen atom can react further to form O_3, via a complex series of chemical reactions involving hydrocarbons.

Population-based studies suggest that an increase in acute respiratory illness, including infections and respiratory symptoms in children (not infants), is associated with long-term exposures to NO_2 at levels found in homes with gas stoves, which are higher than ambient levels found in Southern California. Increase in resistance to air flow and airway contraction is observed after short-term exposure to NO_2 in healthy subjects. Larger decreases in lung functions are observed in individuals with asthma and/or chronic obstructive pulmonary disease (e.g., chronic bronchitis, emphysema) than in healthy individuals, indicating a greater susceptibility of these sub-groups. More recent studies have found associations between NO_2 exposures and cardiopulmonary mortality, decreased lung function, respiratory symptoms and

[9] South Coast Air Quality Management District, *Final Program Environmental Impact Report for the 2012 AQMP*, December 7, 2012.
[10] *Ibid*.

emergency room asthma visits. In animals, exposure to levels of NO_2 considerably higher than ambient concentrations results in increased susceptibility to infections, possibly due to the observed changes in cells involved in maintaining immune functions. The severity of lung tissue damage associated with high levels of ozone exposure increases when animals are exposed to a combination of O_3 and NO_2.[11]

U.S. EPA established a primary and secondary annual NO_2 standard of 53 ppb in 1971. The standard was reviewed and retained without revision in 1985, 1996, and 2010. A primary 1-hour standard of 100 ppb was established in 2010. Therefore, the applicable federal NO_2 standards are a 1-hour standard of 100 ppb and an annual standard of 53 ppb.

4.3.4. Sulfur Dioxide

SO_2 is a colorless gas with a sharp odor. It reacts in the air to form sulfuric acid, which contributes to acid precipitation, and sulfates, which are components of particulate matter. Main sources of SO_2 are coal and oil used in power plants and industries. Exposure of a few minutes to low levels of SO_2 can result in airway constriction in some asthmatics. All asthmatics are sensitive to the effects of SO_2. In asthmatics, increase in resistance to air flow, as well as reduction in breathing capacity leading to severe breathing difficulties, is observed after acute higher exposure to SO_2. In contrast, healthy individuals do not exhibit similar acute responses even after exposure to higher concentrations of SO_2. Animal studies suggest that despite SO_2 being a respiratory irritant, it does not cause substantial lung injury at ambient concentrations. However, very high levels of exposure can cause lung edema (fluid accumulation), lung tissue damage, and sloughing off of cells lining the respiratory tract. Some population-based studies indicate that the mortality and morbidity effects associated with fine particles show a similar association with ambient SO_2 levels. In these studies, efforts to separate the effects of SO_2 from those of fine particles have not been successful. It is not clear whether the two pollutants act synergistically or one pollutant alone is the predominant factor.[12]

U.S. EPA first set standards for SO_2 in 1971 that included a 24-hour primary standard at 140 ppb and an annual average standard at 30 ppb. The agency also set a 3-hour average secondary standard at 500 ppb. In 1996, U.S. EPA reviewed the SO_2 NAAQS but did not revise the standards. In 2010, U.S. EPA revised the primary SO_2 NAAQS by establishing a new 1-hour standard at a level of 75 ppb. U.S. EPA revoked the two existing primary standards because they would not provide additional public health protection given a 1-hour standard at 75 ppb. Therefore, the applicable federal SO_2 standard is a 1-hour standard of 75 ppb. The State SO_2 1-hour standard is 0.25 ppm and the 24-hour standard is 0.04 ppm.

4.3.5. Particulate Matter

Of great concern to public health are the particles small enough to be inhaled into the deepest parts of the lung. Major sources of PM_{10} include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood burning stoves and fireplaces; dust from construction, landfills and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions. $PM_{2.5}$ results from fuel combustion (e.g., motor vehicles, power generation and industrial facilities), residential fireplaces and wood stoves. In addition, $PM_{2.5}$ can be formed in the atmosphere from gases such as SO_2, NO_X, and VOC.

[11] South Coast Air Quality Management District, *Final Program Environmental Impact Report for the 2012 AQMP*, December 7, 2012.

[12] *Ibid*.

Respirable particles (PM_{10}) can accumulate in the respiratory system and aggravate health problems such as asthma, bronchitis and other lung diseases. Children, the elderly, exercising adults, and those suffering from asthma are especially vulnerable to adverse health effects of particulate matter. A consistent correlation between elevated ambient fine particulate matter ($PM_{2.5}$) levels and an increase in mortality rates, respiratory infections, number and severity of asthma attacks and the number of hospital admissions has been observed in different parts of the United States and various areas around the world. Studies have reported an association between long-term exposure to air pollution dominated by fine particles and increased mortality, reduction in life-span, and an increased mortality from lung cancer. Daily fluctuations in fine particulate matter concentration levels have also been related to hospital admissions for acute respiratory conditions, to school and kindergarten absences, to a decrease in respiratory function in normal children and to increased medication use in children and adults with asthma. Studies have also shown lung function growth in children is reduced with long-term exposure to particulate matter. In addition to children, the elderly, and people with pre-existing respiratory and/or cardiovascular disease appear to be more susceptible to the effects of PM_{10} and $PM_{2.5}$.[13]

In October 1979, U.S. EPA announced the first periodic review of the air quality criteria and NAAQS for particulate matter, and significant revisions to the original standards were promulgated in 1987. U.S. EPA changed the indicator for particles from total suspended particulate (TSP) to PM_{10}. U.S. EPA also revised the level and form of the primary standards by replacing the 24-hour TSP standard with a 24-hour PM_{10} standard of 150 micrograms per cubic meter (µg/m^3) and the annual TSP standard with a PM_{10} standard of 50 µg/m^3, annual arithmetic mean. On October 17, 2006, U.S. EPA revised the primary and secondary NAAQS for PM to provide increased protection of public health and welfare, respectively. U.S. EPA retained the 24-hour PM_{10} standard at 150 µg/m^3 and revoked the annual standard because available evidence generally did not suggest a link between long-term exposure to current ambient levels of coarse particles and health or welfare effects. Therefore, the applicable federal PM_{10} standard is a 24-hour standard of 150 µg/m^3.

U.S. EPA promulgated the NAAQS for $PM_{2.5}$ in July 1997. The annual standard was set at a level of 15 µg/m^3, based on the 3-year average of annual mean $PM_{2.5}$ concentrations. The 24-hour standard was set at a level of 65 µg/m^3 based on the 3-year average of the 98th percentile of 24-hour concentrations. In January 2006, U.S. EPA proposed to lower the 24-hour $PM_{2.5}$ standard and on September 21, 2006, U.S. EPA implemented the new standards. In promulgating the new standards, U.S. EPA followed an elaborate review process which led to the conclusion that existing standards for particulates were not adequate to protect public health. The studies indicated that for $PM_{2.5}$, short-term exposures at levels below the 24-hour standard of 65 µg/m^3 were found to cause acute health effects, including asthma attacks and breathing and respiratory problems. As a result, U.S. EPA established a new, lower 24-hour average standard for $PM_{2.5}$ at 35 µg/m^3. No changes were made to the annual $PM_{2.5}$ standard which remained at 15 µg/m^3. U.S. EPA published it Final Rule and has strengthened the annual $PM_{2.5}$ NAAQS from 15 µg/m^3 to 12 µg/m^3 effective April 15, 2015. Therefore, the applicable federal $PM_{2.5}$ standards are a 24-hour standard of 35 µg/m and an annual standard of 12.0 µg/m.

4.3.6. Lead

Lead in the atmosphere is present as a mixture of a number of lead compounds. Leaded gasoline and lead smelters have been the main sources of lead emitted into the air. Due to the phasing out

[13] South Coast Air Quality Management District, *Final Program Environmental Impact Report for the 2012 AQMP*, December 7, 2012.

of leaded gasoline, there was a dramatic reduction in atmospheric lead over the past three decades.

Fetuses, infants, and children are more sensitive than others to the adverse effects of lead exposure. Exposure to low levels of lead can adversely affect the development and function of the central nervous system, leading to learning disorders, distractibility, inability to follow simple commands, and lower intelligence quotient. In adults, increased lead levels are associated with increased blood pressure. Lead poisoning can cause anemia, lethargy, seizures, and death. It appears that there are no direct effects of lead on the respiratory system. Lead can be stored in the bone from early-age environmental exposure, and elevated blood lead levels can occur due to breakdown of bone tissue during pregnancy, hyperthyroidism (increased secretion of hormones from the thyroid gland), and osteoporosis (breakdown of bone tissue). Fetuses and breast-fed babies can be exposed to higher levels of lead because of previous environmental lead exposure of their mothers.[14]

In 1978, U.S. EPA adopted the lead NAAQS of 1.5 $\mu g/m^3$ for quarterly averaged concentration in 1978. U.S. EPA added a standard of 0.15 $\mu g/m^3$ for rolling three months average concentrations in 2008.

4.3.7. Visibility-Reducing Particles

Deterioration of visibility is one of the most obvious manifestations of air pollution and plays a major role in the public's perception of air quality. Visibility reduction from air pollution is often due to the presence of sulfur and NO_x, as well as PM. In Class-I wilderness areas, such as Lake Tahoe, which typically have visual range measured in tens of miles, the deciview metric is used to estimate an individual's perception of visibility. The deciview index works inversely to visual range which is measured in miles or kilometers whereby a lower deciview is optimal. The SCAQMD does not assess visibility at the San Bernardino County air quality monitoring stations near the alignment.

In 1969, CARB adopted a standard for visibility reducing particles', defined as particles in sufficient amount to reduce the visibility to less than ten miles when relative humidity is less than 70 percent. In 1989, CARB converted both the the general Statewide 10-mile standard and the 30-mile Lake Tahoe standards to instrumental equivalents. The Statewide extinction standard of 0.23 per kilometer is equivalent to the standard set in 1969. The Lake Tahoe Air Basin extinction standard of 0.07 per kilometer is equivalent to the standard set in 1976.

4.3.8. Sulfates

Sulfates are chemical compounds which contain the sulfate ion and are part of the mixture of solid materials which make up PM_{10}. Most of the sulfates in the atmosphere are produced by oxidation of SO_2. Oxidation of sulfur dioxide yields sulfur trioxide, which reacts with water to form sulfuric acid, which contributes to acid deposition. The reaction of sulfuric acid with basic substances such as ammonia yields sulfates, a component of PM_{10} and $PM_{2.5}$.

Most of the health effects associated with fine particles and SO_2 at ambient levels are also associated with sulfates. Thus, both mortality and morbidity effects have been observed with an increase in ambient sulfate concentrations. However, efforts to separate the effects of sulfates from the effects of other pollutants have generally not been successful. Clinical studies of asthmatics exposed to sulfuric acid suggest that adolescent asthmatics are possibly a subgroup susceptible to acid aerosol exposure. Animal studies suggest that acidic particles such as

[14]South Coast Air Quality Management District, *Final Program Environmental Impact Report for the 2012 AQMP*, December 7, 2012.

sulfuric acid aerosol and ammonium bisulfate are more toxic than non-acidic particles like ammonium sulfate. Whether the effects are attributable to acidity or to particles remains unresolved.[15] The SCAQMD does not monitor sulfates at the San Bernardino County air quality monitoring stations near the alignment.

The current CAAQS for sulfates is 25 μg/m^3 for a 24-hour averaging period as adopted in 1976. This standard was first reviewed and retained in 1977 and again 2002.

4.3.9. Hydrogen Sulfide

Hydrogen sulfide is a colorless, flammable, poisonous compound having a characteristic rotten-egg odor. It is used as a reagent and as an intermediate in the preparation of other reduced sulfur compounds. It is also a by-product of desulfurization processes in the oil and gas industries and rayon production, sewage treatment, and leather tanning. Geothermal power plants, petroleum production and refining, and sewer gas are specific sources of hydrogen sulfide in California. Hydrogen sulfide exposure is a cause of sudden death in the workplace. The SCAQMD does not monitor hydrogen sulfide at the San Bernardino County air quality monitoring stations near the alignment.

The current standard for hydrogen sulfide exposure in California was adopted in 1969 and was based on the geometric mean odor threshold measured in adults. The purpose of the standard was to decrease odor annoyance. The standard was reviewed in 1980 and 1984, and was not changed since no new relevant information had emerged.

4.3.10. Vinyl Chloride

Vinyl chloride is a colorless, flammable gas at ambient temperature and pressure. It is also highly toxic and is classified by the American Conference of Governmental Industrial Hygienists as A1 (confirmed carcinogen in humans) and by the International Agency for Research on Cancer as 1 (known to be a human carcinogen). At room temperature, vinyl chloride is a gas with a sickly sweet odor that is easily condensed. However, it is stored as a liquid. Due to the hazardous nature of vinyl chloride to human health there are no end products that use vinyl chloride in its monomer form. Vinyl chloride is a chemical intermediate, not a final product. It is an important industrial chemical chiefly used to produce polymer polyvinyl chloride (PVC). The process involves vinyl chloride liquid fed to polymerization reactors where it is converted from a monomer to a polymer PVC. The final product of the polymerization process is PVC in either a flake or pellet form. Billions of pounds of PVC are sold on the global market each year. From its flake or pellet form, PVC is sold to companies that heat and mold the PVC into end products such as PVC pipe and bottles. Vinyl chloride emissions are historically associated primarily with sources such as landfills. The SCAQMD does not monitor vinyl chloride at the San Bernardino County air quality monitoring stations near the alignment.

In 1978, CARB established a standard for vinyl chloride, because it is a known animal and human carcinogen. As a carcinogen, CARB could not recommend any level of exposure to vinyl chloride, other than zero, as being safe. This standard, 0.01 ppm for a 24-hour duration, was chosen because it was the lowest level that could be detected at that time. In 1990, CARB identified vinyl chloride as a toxic air contaminant, and estimated a vinyl chloride cancer unit risk factor.

[15] South Coast Air Quality Management District, *Final Program Environmental Impact Report for the 2012 AQMP*, December 7, 2012.

4.4. MONITORED DATA

The CARB and SCAQMD maintain a network of air quality monitoring stations located throughout the South Coast Air Basin to characterize the air quality environment by measuring and recording pollutant concentrations in the local ambient air (**Figure 4-2**).

The South Coast Air Basin is divided into 38 source/receptor areas (SRAs). The proposed project corridor extends along 31 miles of I-10, which passes through SRAs 32 (Upland), 33 (Ontario), 34 (San Bernardino, Fontana), and 35 (Redlands) and along the border of SRAs 23 (Riverside, Rubidoux) and 24 (Perris). The monitoring stations near the project corridor include Pomona, Upland, Fontana, San Bernardino, and Redlands.

Table 4-2 includes pollutant levels, the State and federal standards, and the number of exceedances recorded at monitoring stations along the alignment. The historical data from these monitoring stations were used to characterize the majority of existing conditions in the vicinity of the project area. Criteria pollutants CO, NO_2, and SO_2 did not exceed the State standards from 2010 to 2014.

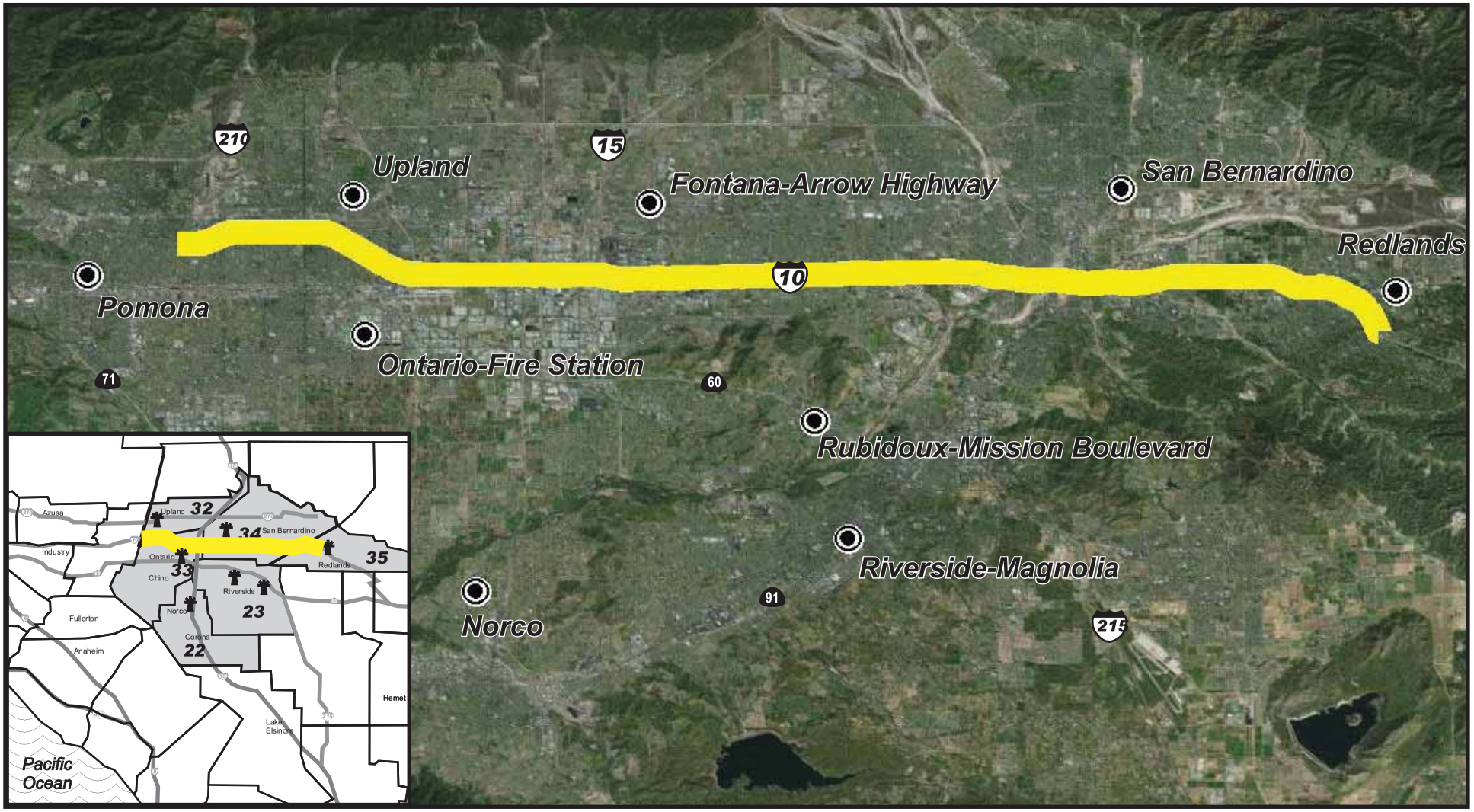
However, during the same time the1-hour State standards for O_3 were exceeded 9 to 66 times as recorded by the Pomona and Redlands air monitoring stations. The 24-hour State standard for PM_{10} was exceeded 1 to 15 times between 2010 and 2014 at Ontario Fire Station, Fontana Arrow Highway, San Bernardino, and Redlands air monitoring stations. The State annual standard for $PM_{2.5}$ has been exceeded every year at the Fontana Arrow Highway and Ontario Fire Station (except in 2012) air monitoring stations while it stayed below the standard at the San Bernardino air monitoring station.

4.5. SENSITIVE RECEPTORS

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. According to CARB, sensitive individuals refer to those segments of the population most susceptible to poor air quality (i.e., children, the elderly, and those with pre-existing serious health problems affected by air quality).[16] Land uses where sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities. According to the SCAQMD, sensitive receptors include residences, schools, playgrounds, child care centers, athletic facilities, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes.[17]

Figures 4-3 through **4-11** show sensitive receptors within 820 feet (250 meters) of the freeway right-of-way. Along the new alignment, surrounding land use varies widely. The corridor includes areas of substantial residential, retail and other commercial and industrial land uses.

[16]CARB, *Air Quality and Land Use Handbook: A Community Health Perspective*, April 2005.
[17]SCAQMD, *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning*, May 6, 2005.



LEGEND:

Project Alignment

Air Monitoring Station

Approx. Scale

N

0 2 4 Miles

SOURCE: California Air Resources Board, State and Local Air Monitoring Network Plan, May 2008.

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FIGURE 4-2

AIR MONITORING STATIONS

TABLE 4-2. 2010-2014 AMBIENT AIR QUALITY DATA IN PROJECT VICINITY

Pollutant	Pollutant Concentration & Standards	Calendar Year 2010	2011	2012	2013	2014
POMONA AIR MONITORING STATION /a/						
CO	Maximum Federal 8-hr concentration (ppm)	1.80	1.60	1.47	n/a	n/a
	Days > 9.0 ppm (Federal 8-hr standard)	0	0	0	n/a	n/a
	Maximum State 8-hr concentration (ppm)	1.80	1.72	1.47	n/a	n/a
	Days > 9.0 ppm (State 8-hr standard)	0	0	0	n/a	n/a
O_3	Maximum 1-hr Concentration (ppm)	0.115	0.119	0.117	0.125	0.123
	Days > 0.09 ppm (State 1-hr standard)	9	15	21	12	22
	Days above Federal revoked 1-hr standard	0	0	0	1	0
	Maximum State 8-hr Concentration (ppm)	0.082	0.096	0.093	0.100	0.100
	Days > 0.070 ppm (State 8-hr standard)	12	24	30	22	56
	Maximum Federal 8-hr Concentration (ppm)	0.082	0.096	0.092	0.099	0.099
	Days > 0.075 ppm (Federal 8-hr standard)	4	16	15	15	33
NO_2	Maximum 1-hr Concentration (ppm)	0.0970	0.0873	0.0816	0.0788	0.0889
	Days > 0.18 ppm (State 1-hr standard)	0	0	0	0	0
	Days > 0.100 ppm (Federal 1-hr standard)	0	0	0	0	0
SO_2	Maximum 24-hr Concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 0.04 ppm (State 24-hr standard)	n/a	n/a	n/a	n/a	n/a
PM_{10}	Maximum 24-hr concentration (µg/m^3)	n/a	n/a	n/a	n/a	n/a
	Days > 50 µg/m3 (State 24-hr standard)	n/a	n/a	n/a	n/a	n/a
	Days > 150 µg/m3 (Federal 24-hr standard)	n/a	n/a	n/a	n/a	n/a
$PM_{2.5}$	Annual Arithmetic Mean (µg/m^3)	n/a	n/a	n/a	n/a	n/a
	Exceed State Standard (12 µg/m^3)	n/a	n/a	n/a	n/a	n/a
	Exceed Federal Standard (12.0 µg/m^3)	n/a	n/a	n/a	n/a	n/a
UPLAND AIR MONITORING STATION /a/						
CO	Maximum Federal 8-hr concentration (ppm)	1.80	1.27	0.93	n/a	n/a
	Days > 9.0 ppm (Federal 8-hr standard)	0	0	0	n/a	n/a
	Maximum State 8-hr concentration (ppm)	1.80	1.27	0.93	n/a	n/a
	Days > 9.0 ppm (State 8-hr standard)	0	0	0	n/a	n/a
O_3	Maximum 1-hr Concentration (ppm)	0.131	0.145	0.136	0.143	0.126
	Days > 0.09 ppm (State 1-hr standard)	31	36	42	25	34
	Days above Federal revoked 1-hr standard	1	5	4	3	1
	Maximum State 8-hr Concentration (ppm)	0.098	0.122	0.112	0.112	0.101
	Days > 0.070 ppm (State 8-hr standard)	54	45	66	44	60
	Maximum Federal 8-hr Concentration (ppm)	0.097	0.122	0.111	0.111	0.101
	Days > 0.075 ppm (Federal 8-hr standard)	39	36	45	27	42
NO_2	Maximum 1-hr Concentration (ppm)	0.0789	0.0685	0.0667	0.0621	0.0741
	Days > 0.18 ppm (State 1-hr standard)	0	0	0	0	0
	Days > 0.100 ppm (Federal 1-hr standard)	0	0	0	0	0
SO_2	Maximum 24-hr Concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 0.04 ppm (State 24-hr standard)	n/a	n/a	n/a	n/a	n/a
PM_{10}	Maximum 24-hr concentration (µg/m^3)	78.0	72.4	92.7	96.8	80.8
	Days > 50 µg/m3 (State 24-hr standard)	n/a	n/a	n/a	n/a	n/a
	Days > 150 µg/m3 (Federal 24-hr standard)	0	0	0	0	0
$PM_{2.5}$	Annual Arithmetic Mean (µg/m^3)	n/a	n/a	n/a	n/a	n/a
	Exceed State Standard (12 µg/m^3)	n/a	n/a	n/a	n/a	n/a
	Exceed Federal Standard (12.0 µg/m^3)	n/a	n/a	n/a	n/a	n/a
ONTARIO FIRE STATION AIR MONITORING STATION /b/						
CO	Maximum Federal 8-hr concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 9.0 ppm (Federal 8-hr standard)	n/a	n/a	n/a	n/a	n/a
	Maximum State 8-hr concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 9.0 ppm (State 8-hr standard)	n/a	n/a	n/a	n/a	n/a

TABLE 4-2. 2010-2014 AMBIENT AIR QUALITY DATA IN PROJECT VICINITY

Pollutant	Pollutant Concentration & Standards	Calendar Year 2010	2011	2012	2013	2014
O_3	Maximum 1-hr Concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 0.09 ppm (State 1-hr standard)	n/a	n/a	n/a	n/a	n/a
	Days above Federal revoked 1-hr standard	n/a	n/a	n/a	n/a	n/a
	Maximum State 8-hr Concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 0.070 ppm (State 8-hr standard)	n/a	n/a	n/a	n/a	n/a
	Maximum Federal 8-hr Concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 0.075 ppm (Federal 8-hr standard)	n/a	n/a	n/a	n/a	n/a
NO_2	Maximum 1-hr Concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 0.18 ppm (State 1-hr standard)	n/a	n/a	n/a	n/a	n/a
	Days > 0.100 ppm (Federal 1-hr standard)	n/a	n/a	n/a	n/a	n/a
SO_2	Maximum 24-hr Concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 0.04 ppm (State 24-hr standard)	n/a	n/a	n/a	n/a	n/a
PM_{10}	Maximum 24-hr concentration (µg/m^3)	89.0	71.0	59.0	117.0	67.0
	Days > 50 µg/m3 (State 24-hr standard)	4	3	4	3	3
	Days > 150 µg/m3 (Federal 24-hr standard)	0	0	0	0	0
$PM_{2.5}$	Annual Arithmetic Mean (µg/m^3)	12.9	13.2	12.4	n/a	n/a
	Exceed State Standard (12 µg/m^3)	Yes	Yes	No	n/a	n/a
	Exceed Federal Standard (12.0 µg/m^3)	No	No	No	n/a	n/a
FONTANA ARROW HIGHWAY AIR MONITORING STATION /a/						
CO	Maximum Federal 8-hr concentration (ppm)	1.44	1.15	1.76	n/a	n/a
	Days > 9.0 ppm (Federal 8-hr standard)	0	0	0	n/a	n/a
	Maximum State 8-hr concentration (ppm)	1.44	1.16	1.76	n/a	n/a
	Days > 9.0 ppm (State 8-hr standard)	0	0	0	n/a	n/a
O_3	Maximum 1-hr Concentration (ppm)	0.143	0.144	0.142	0.151	0.127
	Days > 0.09 ppm (State 1-hr standard)	28	39	60	34	31
	Days above Federal revoked 1-hr standard	2	5	5	2	1
	Maximum State 8-hr Concentration (ppm)	0.101	0.124	0.110	0.122	0.105
	Days > 0.070 ppm (State 8-hr standard)	52	53	88	68	52
	Maximum Federal 8-hr Concentration (ppm)	0.100	0.124	0.110	0.123	0.106
	Days > 0.075 ppm (Federal 8-hr standard)	33	39	62	42	37
NO_2	Maximum 1-hr Concentration (ppm)	0.0719	0.0764	0.0691	0.0817	0.0704
	Days > 0.18 ppm (State 1-hr standard)	0	0	0	0	0
	Days > 0.100 ppm (Federal 1-hr standard)	0	0	0	0	0
SO_2	Maximum 24-hr Concentration (ppm)	0.002	0.003	0.004	0.001	n/a
	Days > 0.04 ppm (State 24-hr standard)	0	0	0	n/a	n/a
PM_{10}	Maximum 24-hr concentration (µg/m^3)	62.0	84.0	67.0	90.0	68.0
	Days > 50 µg/m3 (State 24-hr standard)	6	4	5	15	10
	Days > 150 µg/m3 (Federal 24-hr standard)	0	0	0	0	0
$PM_{2.5}$	Annual Arithmetic Mean (µg/m^3)	11.9	12.5	12.8	12.2	n/a
	Exceed State Standard (12 µg/m^3)	Yes	Yes	Yes	Yes	n/a
	Exceed Federal Standard (12.0 µg/m^3)	No	No	No	No	n/a
SAN BERNARDINO AIR MONITORING STATION /a/						
CO	Maximum Federal 8-hr concentration (ppm)	1.73	1.74	1.64	n/a	n/a
	Days > 9.0 ppm (Federal 8-hr standard)	0	0	0	n/a	n/a
	Maximum State 8-hr concentration (ppm)	1.73	1.74	1.64	n/a	n/a
	Days > 9.0 ppm (State 8-hr standard)	0	0	0	n/a	n/a

TABLE 4-2. 2010-2014 AMBIENT AIR QUALITY DATA IN PROJECT VICINITY

Pollutant	Pollutant Concentration & Standards	Calendar Year 2010	2011	2012	2013	2014
O_3	Maximum 1-hr Concentration (ppm)	0.129	0.135	0.124	0.139	0.121
	Days > 0.09 ppm (State 1-hr standard)	27	40	41	22	38
	Days above Federal revoked 1-hr standard	1	2	0	2	0
	Maximum State 8-hr Concentration (ppm)	0.105	0.121	0.109	0.113	0.100
	Days > 0.070 ppm (State 8-hr standard)	60	60	77	53	76
	Maximum Federal 8-hr Concentration (ppm)	0.104	0.121	0.109	0.112	0.099
	Days > 0.075 ppm (Federal 8-hr standard)	40	39	54	36	51
NO_2	Maximum 1-hr Concentration (ppm)	0.0692	0.0619	0.0670	0.0721	0.0726
	Days > 0.18 ppm (State 1-hr standard)	0	0	0	0	0
	Days > 0.100 ppm (Federal 1-hr standard)	0	0	0	0	0
SO_2	Maximum 24-hr Concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 0.04 ppm (State 24-hr standard)	n/a	n/a	n/a	n/a	n/a
PM_{10}	Maximum 24-hr concentration (µg/m^3)	63.0	128.4	68.1	177.3	157.2
	Days > 50 µg/m3 (State 24-hr standard)	2	2	1	2	2
	Days > 150 µg/m3 (Federal 24-hr standard)	0	0	0	1	1
$PM_{2.5}$	Annual Arithmetic Mean (µg/m^3)	11.1	n/a	11.7	11.4	n/a
	Exceed State Standard (12 µg/m^3)	No	n/a	No	No	n/a
	Exceed Federal Standard (12.0 µg/m^3)	No	n/a	No	No	n/a
REDLANDS AIR MONITORING STATION						
CO	Maximum Federal 8-hr concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 9.0 ppm (Federal 8-hr standard)	n/a	n/a	n/a	n/a	n/a
	Maximum State 8-hr concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 9.0 ppm (State 8-hr standard)	n/a	n/a	n/a	n/a	n/a
O_3	Maximum 1-hr Concentration (ppm)	0.128	0.151	0.136	0.133	0.128
	Days > 0.09 ppm (State 1-hr standard)	43	64	66	43	47
	Days above Federal 1-hr standard	1	7	3	3	2
	Maximum State 8-hr Concentration (ppm)	0.112	0.134	0.109	0.119	0.105
	Days > 0.070 ppm (State 8-hr standard)	82	96	101	93	83
	Maximum Federal 8-hr Concentration (ppm)	0.111	0.133	0.109	0.119	0.104
	Days > 0.075 ppm (Federal 8-hr standard)	61	80	79	63	55
NO_2	Maximum 1-hr Concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 0.18 ppm (State 1-hr standard)	n/a	n/a	n/a	n/a	n/a
	Days > 0.100 ppm (Federal 1-hr standard)	n/a	n/a	n/a	n/a	n/a
SO_2	Maximum 1-hr Concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 0.25 ppm (State 1-hr standard)	n/a	n/a	n/a	n/a	n/a
	Days > 0.75 ppm (Federal 1-hr standard)	n/a	n/a	n/a	n/a	n/a
	Maximum 24-hr Concentration (ppm)	n/a	n/a	n/a	n/a	n/a
	Days > 0.04 ppm (State 24-hr standard)	n/a	n/a	n/a	n/a	n/a
PM_{10}	Maximum 24-hr concentration (µg/m^3)	57.0	71.0	48.0	72.0	62.0
	Days > 50 µg/m3 (State 24-hr standard)	1	1	0	2	2
	Days > 150 µg/m3 (Federal 24-hr standard)	0	0	0	0	0
$PM_{2.5}$	Annual Arithmetic Mean (µg/m^3)	n/a	n/a	n/a	n/a	n/a
	Exceed State Standard (12 µg/m^3)	n/a	n/a	n/a	n/a	n/a
	Exceed Federal Standard (12.0 µg/m^3)	n/a	n/a	n/a	n/a	n/a

Note:
n/a: data not available either due to air monitoring stations not recording pollutant concentrations or data entry not being relevant to the specific NAAQS/CAAQS standards mentioned in a given row.
/a/ Carbon monoxide data for years 2013 and 2014 were not available at Pomona, Fontana- Arrow Highway, San Bernardino, and Upland air monitoring stations.
/b/ PM2.5 data for years 2013 and 2014 were not available at Ontario Fire Station air monitoring station.
SOURCE: Air Quality Data Statistics, http://www.arb.ca.gov/adam/topfour/topfour1.php, accessed July 7, 2015.

LEGEND:

- Sensitive Receptor
- Project Alignment
- 500 Foot Zone

Approx. Scale

N

0 0.25 0.5 Miles

SOURCE: California Department of Transportation and TAHA, 2014.

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FIGURE 4-3

SENSITIVE RECEPTORS
WITHIN 250 METERS

LEGEND:

- Sensitive Receptor
- Project Alignment
- 500 Foot Zone

Approx. Scale

N

0 0.25 0.5 Miles

SOURCE: California Department of Transportation and TAHA, 2014.

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FIGURE 4-4

SENSITIVE RECEPTORS
WITHIN 250 METERS

LEGEND:

- Sensitive Receptor
- Project Alignment
- 500 Foot Zone

Approx. Scale

N

0 0.25 0.5 Miles

SOURCE: California Department of Transportation and TAHA, 2014.

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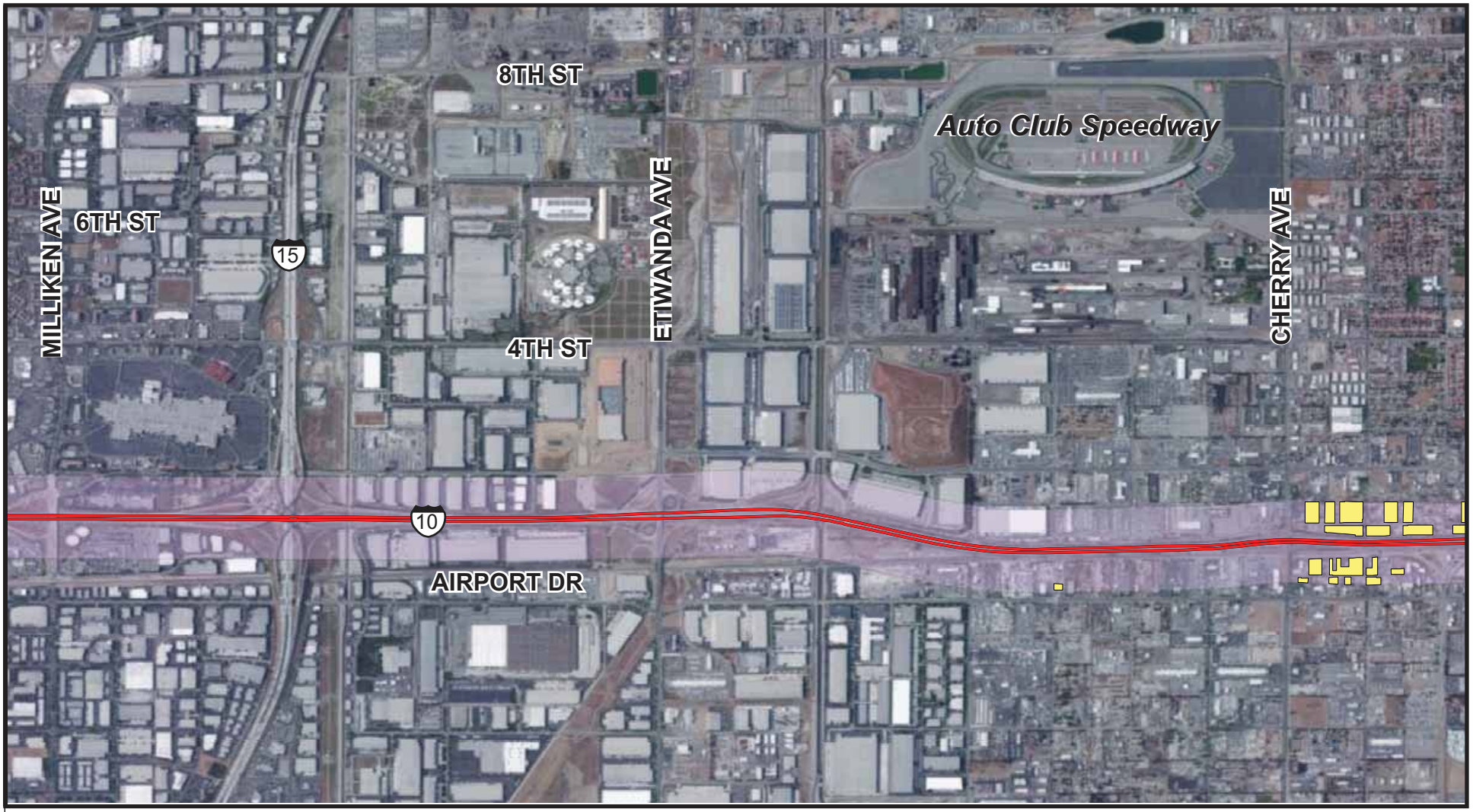
FIGURE 4-5

SENSITIVE RECEPTORS WITHIN 250 METERS



LEGEND:

- Sensitive Receptor
- Project Alignment
- 500 Foot Zone

Approx. Scale

N

0 0.25 0.5 Miles

SOURCE: California Department of Transportation and TAHA, 2014.

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FIGURE 4-6

SENSITIVE RECEPTORS
WITHIN 250 METERS

LEGEND:

- Sensitive Receptor
- Project Alignment
- 500 Foot Zone

Approx. Scale

N

0 0.25 0.5 Miles

SOURCE: California Department of Transportation and TAHA, 2014.

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FIGURE 4-7

SENSITIVE RECEPTORS
WITHIN 250 METERS

LEGEND:

- Sensitive Receptor
- Project Alignment
- 500 Foot Zone

Approx. Scale

N

0 0.25 0.5 Miles

SOURCE: California Department of Transportation and TAHA, 2014.

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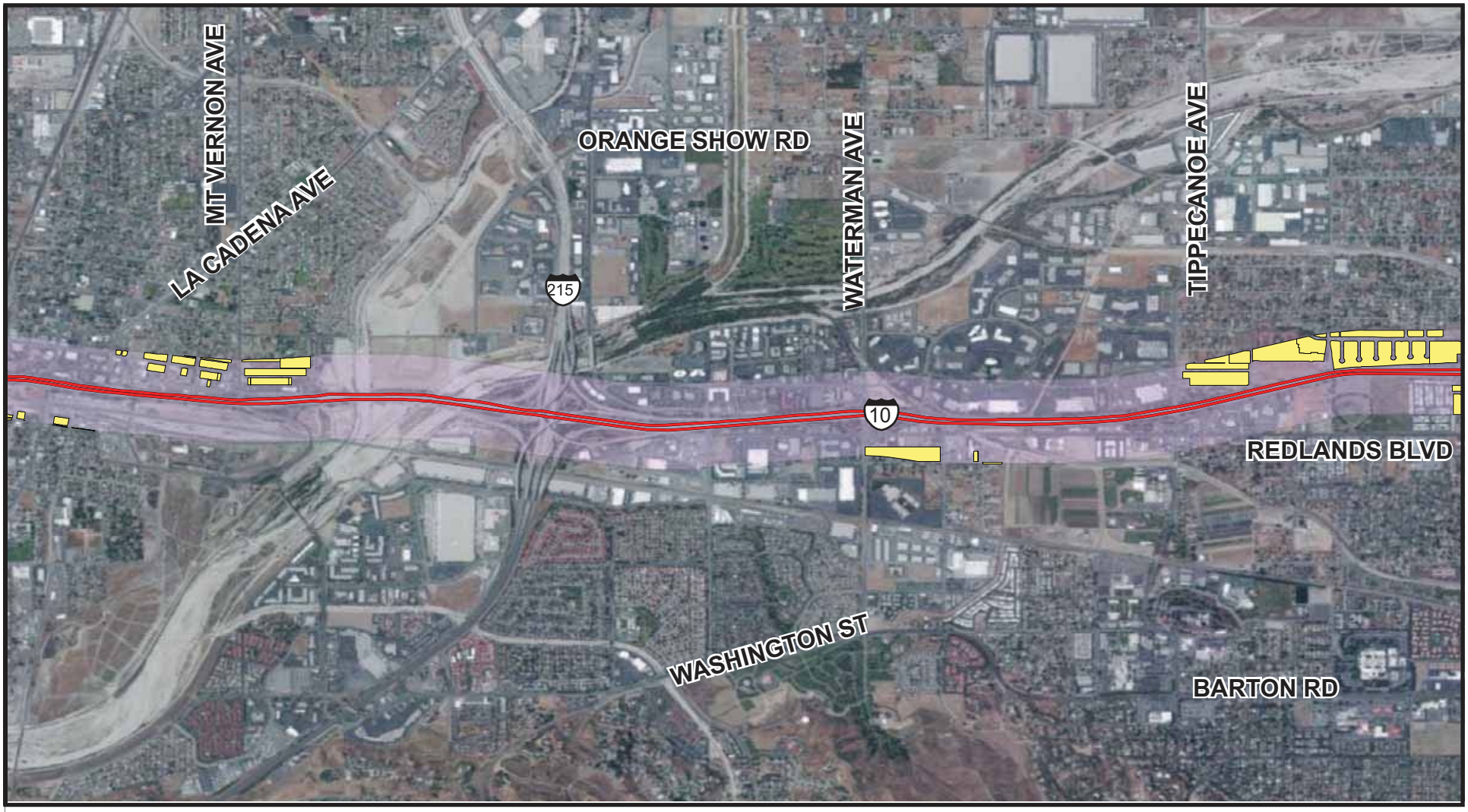
FIGURE 4-8

SENSITIVE RECEPTORS
WITHIN 250 METERS



LEGEND:

- Sensitive Receptor
- Project Alignment
- 500 Foot Zone

Approx. Scale

N

0 0.25 0.5 Miles

SOURCE: California Department of Transportation and TAHA, 2014.

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FIGURE 4-9

SENSITIVE RECEPTORS
WITHIN 250 METERS

LEGEND:

- Sensitive Receptor
- Project Alignment
- 500 Foot Zone

Approx. Scale

N

0 0.25 0.5 Miles

SOURCE: California Department of Transportation and TAHA, 2014.

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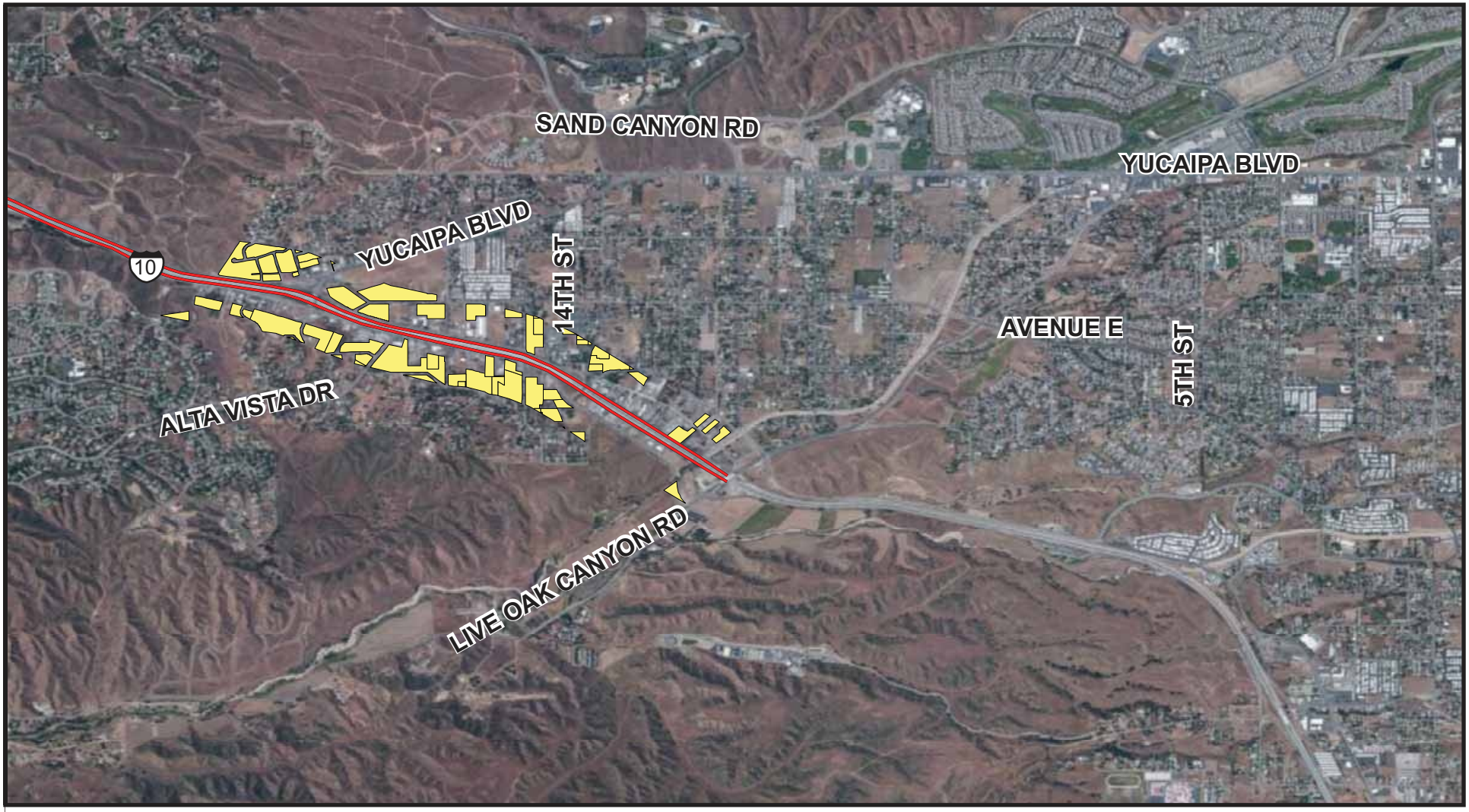
FIGURE 4-10

SENSITIVE RECEPTORS
WITHIN 250 METERS



LEGEND:

- Sensitive Receptor
- Project Alignment
- 500 Foot Zone

Approx. Scale

N

0 0.25 0.5 Miles

SOURCE: California Department of Transportation and TAHA, 2014.

Interstate 10 Corridor Project
Air Quality Report

CALIFORNIA DEPARTMENT OF TRANSPORTATION

FIGURE 4-11

SENSITIVE RECEPTORS
WITHIN 250 METERS

5. ENVIRONMENTAL CONSEQUENCES

This section examines the degree to which the project alternatives may cause adverse or significant changes to air quality. Both short-term construction emissions and long-term effects related to the ongoing operation of the alternatives are discussed in this section. This analysis focuses on air pollution from two perspectives: daily emissions and pollutant concentrations. Emissions refer to the quantity of pollutants released into the air. Concentrations refer to the amount of pollutant material per volumetric unit of air.

5.1. TRANSPORTATION CONFORMITY

The conformity requirement is based on FCAA Section 176(c), which prohibits the U.S. DOT and other federal agencies from funding, authorizing, or approving plans, programs or projects that do not conform to the SIP for attainting the NAAQS. Transportation conformity applies to highway and transit projects and takes place on two levels: the regional—or, planning and programming level—and the project level. The proposed project must conform at both levels to be approved.

5.1.1. Regional Conformity

Alternatives 2 and 3 are listed in the 2012-2035 financially constrained 2012-2035 RTP/SCS (Amendment #2), which was found to conform by SCAG on September 11, 2014, and FHWA and FTA made a regional conformity determination finding on December 15, 2014. Alternative 2 is also included in SCAG's financially constrained 2015 Regional Transportation Improvement Program (RTIP), page 1 of the San Bernardino County State Highways listing. The SCAG 2015 RTIP was determined to conform by FHWA and FTA on December 15, 2014. The design concept and scope of Alternative 2 is consistent with the project description in the 2012-2035 RTP, 2015 RTIP, and the “open to traffic assumptions of the SCAG's regional emissions analysis. The FTIP does not include Alternative 3, and an amendment will be required if Alternative 3 is selected as the preferred alternative.

5.1.2. Project-Level Conformity

5.1.2.1. *Carbon Monoxide Hot-Spots*

Caltrans has developed a Transportation Project-Level Carbon Monoxide Protocol for assessing carbon monoxide impacts of transportation projects.[18] The procedures and guidelines comply with the following regulations without imposing additional requirements: Section 176(c) of the 1990 FCAA Amendments, federal conformity rules, State and local adoptions of the federal conformity rules, and the CEQA requirements [California Code of Regulations Title 21 Section 1509.3(25)].

Two conformity-requirement decision flow charts are provided in the Transportation Project-Level Carbon Monoxide Protocol and are provided in the Air Quality Conformity Report. The flowcharts are included in the appendix. An explanatory discussion of the steps used to determine the conformity requirements that apply to the current project is provided below:

- Is the project exempt from all emissions analyses? NO. The proposed project is a highway improvement project, which would not be exempt from regional emissions analysis per 40 CFR 93.126.

[18] California Department of Transportation, *Transportation Project-Level Carbon Monoxide Protocol*, December 1997.

- Is the project exempt from regional emissions analysis? NO. The proposed project is a highway improvement project, which would not be exempt from regional emissions analysis per 40 CFR 93.127.
- Is the project locally defined as regionally significant? YES. The proposed project would add HOV or express lanes to the I-10 corridor. The proposed project is defined as regionally significant.
- Is the project in a federal attainment area? NO. The proposed project is located within an attainment/maintenance area for the federal CO standard as of June 11, 2007.
- Is there a currently conforming RTP and FTIP? YES. The 2012-2035 RTP/SCS (Amendment #2) was found to conform by SCAG on September 11, 2014, and FHWA and FTA made a regional conformity determination finding on December 15, 2014 for the 2012-2035 RTP/SCS and the 2015 FTIP.
- Is the project included in the regional emissions analysis supporting the currently conforming RTP and FTIP? YES. The design concept and scope of Alternative 2 is consistent with the project description in the 2012-2035 RTP/SCS, 2015 FTIP, and the open to traffic assumptions of the SCAG regional emissions analysis. The FTIP does not include Alternative 3, and an amendment will be required if Alternative 3 is selected as the preferred alternative.
- Has project design concept and/or scope changed significantly from that in regional analysis? NO. See previous response.
- Examine local impacts. Section 3.1.9 of the flowchart directs the project evaluation to Section 4 (Local Analysis) of the Transportation Project-Level Carbon Monoxide Protocol.

Assessment of the project's effect on localized ambient air quality is based on analysis of carbon monoxide. As stated in the Transportation Project-Level Carbon Monoxide Protocol, the determination of project-level carbon monoxide impacts should be carried out according to the local analysis. The following discussion provides explanatory remarks for every step of the local analysis of the protocol (screening methodology):

- Is the project in a carbon monoxide nonattainment area? NO. The project site is located in a federal attainment/maintenance area as of June 11, 2007.
- Was the area redesignated as "attainment" after the 1990 Clean Air Act? YES. See previous response.
- Has "continued attainment" been verified with the local Air District, if appropriate? YES. As shown in **Table 4-2**, above, monitored CO concentrations in the project area were below the NAAQS for the latest three-year period (2012 to 2014).
- Does the project worsen air quality? YES. As discussed below under in Section 5.2, Regional Emissions, the proposed project would increase regional CO emissions when compared to No Build emissions.
- Is the project suspected of resulting in higher CO concentrations than those existing within the region at the time of the attainment demonstration? NO. To answer this question, Section 7.4.2 of the CO Protocol recommends selecting one of the worst-case locations in the region where attainment has been demonstrated and compare it to the build scenario of the project with a similar configuration. Therefore, the intersection of Wilshire Boulevard and Veteran Avenue from the SCAQMD 2003 AQMP Appendix V attainment demonstration and the intersection of Cedar Avenue and San Bernardino Avenue for the Build Alternatives

were compared to evaluate whether the project would result in higher CO concentrations using the following conditions.

a. The receptors at the intersection of Cedar Avenue and San Bernardino Avenue would be the same distance or farther from the traveled roadway than the receptors at the intersection of Wilshire Boulevard and Veteran Avenue for which attainment has been demonstrated. The attainment demonstration evaluated the CO concentrations at a distance of 3 meters (10 feet) from the edge of the roadways. Since the CO Protocol does not permit the modeling of receptor locations closer than 3 meters (10 feet), receptor locations for the Build Alternatives would be the same or farther than the receptors evaluated for the attainment demonstration.

b. The Cedar Avenue and San Bernardino Avenue intersection would have lower traffic volumes when compared to the intersection of Wilshire Boulevard and Veteran Avenue. The Cedar Avenue and San Bernardino Avenue intersection would be a 3x4 intersection in comparison to the Wilshire Boulevard and Veteran Avenue intersection which is a 4x4 intersection. The traffic volumes are presented in **Table 5-1**.

TABLE 5-1. INTERSECTION PEAK HOUR TRAFFIC VOLUMES FOR THE CO HOT-SPOT ANALYSIS

Intersection	Peak-Hour Traffic Lane Volumes				Total Volume
	West Link	East Link	North Link	South Link	
Attainment Demonstration: Wilshire Blvd. and Veteran Ave.	4,951	3,317	1,400	933	10,601
No Build Alternative (2035): Cedar Ave. and San Bernardino Ave.	863	687	1,237	1,436	4,223
Alternative 2 (2035): Cedar Ave. and San Bernardino Ave.	888	692	1,273	1,491	4,344
Alternative 3 (2035): Cedar Ave. and San Bernardino Ave.	817	648	1,300	1,490	4,255

c. The meteorology used for the Cedar Avenue and San Bernardino Avenue would be the same as the meteorology used for the Wilshire Boulevard and Veteran Avenue intersection in the attainment demonstration. The CAL3QHC model was used for the attainment demonstration. Therefore, if the proposed project were modeled, both intersections would be evaluated using the same meteorology settings in the CAL3QHC model, as the model only has one meteorological data set.

d. The peak hour traffic volumes presented in **Table 5-1** show that the peak hour traffic lane volumes for Cedar Avenue and San Bernardino Avenue would be lower than the traffic volumes at the intersection of Wilshire Boulevard and Veteran Avenue used in the attainment demonstration.

e. The number of vehicles operating in cold start mode was not available in the attainment demonstration for the Wilshire Boulevard and Veteran Avenue intersection. However, the percentage of vehicles operating during the peak hour in cold start mode for the Cedar Avenue and San Bernardino Avenue intersection would be expected to be the same or lower than Wilshire Boulevard and Veteran Avenue intersection.

f. The percentage of heavy-duty gas trucks utilizing the Cedar Avenue and San Bernardino Avenue intersection would be expected to be the same or less than the Wilshire Boulevard and Veteran Avenue intersection. It is assumed that the traffic distribution at the Wilshire Boulevard and Veteran Avenue intersection would not vary from the EMFAC2002 default distribution used for the attainment demonstration. The percentage of trucks would be expected to range from 1.0 to 2.4 percent under the Build Alternatives, which would include both gasoline and diesel trucks. Therefore, the percentage of heavy-duty gas trucks would be expected to be less.

g. The average delay and queue length for the Cedar Avenue and San Bernardino Avenue intersection would be expected to be the same or less than the Wilshire Boulevard and Veteran Avenue intersection used for the attainment demonstration. The LOS for the Wilshire Boulevard and Veteran Avenue intersection used for the attainment demonstration was not listed; however, based on the traffic volumes and intersection geometry the intersection was likely LOS F. The average delay and queue length is not available for the Cedar Avenue and San Bernardino Avenue intersection. However, this intersection has less volumes than the Wilshire Boulevard and Veteran Avenue intersection, and could not have an LOS worse than F. Therefore, the average delay and queue length for the proposed project would be expected to be the same or less than the Wilshire Boulevard and Veteran Avenue intersection.

h. The background concentrations of CO in the project area are lower than the CO concentrations used in the attainment demonstration for the intersection of Wilshire Boulevard and Veteran Avenue. The maximum background 8-hour CO concentration measured between 2010 and 2014 at the San Bernardino Monitoring Station, which is in the area of the Cedar Avenue and San Bernardino Avenue intersection, was between 1.64 and 1.73 ppm. The maximum background 1-hour CO concentration is not available on the CARB database. According the SCAQMD, 1-hour CO concentrations were last monitored in 2010 and the highest concentration in San Bernardino County was 3 ppm. These concentrations are lower than the background concentrations used for the attainment demonstration which were predicted to be 10.8 ppm for the 1-hour measurements and 9.9 ppm for the 8-hour measurements for the year 2002.

The evaluation of the above conditions has shown that the Cedar Avenue and San Bernardino Avenue intersection would not be expected to result in higher CO concentrations than the Wilshire Boulevard and Veteran Avenue intersection used for the attainment demonstrations. In addition, the SCAQMD 2003 AQMP Appendix V attainment demonstration indicated that in 1997 and 2002, 1-hour CO concentrations were considerably lower than the NAAQS and CAAQS (**Table 5-2**). The analysis was based on 1997 and 2002 traffic volumes, and showed 38 to 45 percent reduction in concentrations between the two years. Therefore, according to the CO protocol, the proposed project is satisfactory, and no further analysis is needed. The proposed project would not be expected to create a CO hot-spot; therefore, the proposed project has demonstrated project level conformity for CO.

TABLE 5-2. AVERAGE 1-HOUR CARBON MONOXIDE CONCENTRATIONS IN PPM AT THE MOST CONGESTED INTERSECTIONS IN LOS ANGELES

	Morning /a/	Afternoon /b/	Peak /c/	Standard	Maximum One-Hour CO Concentration between 2010 and 2014 at the San Bernardino Monitoring Station/d/
1997					
Wilshire Blvd. - Veteran Ave. /e/	7.7	5.7	-	35	3
Sunset Blvd. - Highland Ave. /f/	6.9	7.3	-	35	3
La Cienega Blvd. - Century Blvd. /g/	6.4	5.2	-	35	3
Long Beach Blvd. - Imperial Hwy. /h/	5.1	5.2	2.2	35	3
2002					
Wilshire Blvd. - Veteran Ave.	4.6	3.5	-	35	3
Sunset Blvd. - Highland Ave.	4.0	4.5	-	35	3
La Cienega Blvd. - Century Blvd.	3.7	3.1	-	35	3
Long Beach Blvd. - Imperial Hwy.	3.0	3.1	1.2	35	3

/a/ Morning: 7-8 a.m. for, La Cienega - Century, 8-9 a.m. for Wilshire - Veteran, 7-8 a.m. for Long Beach - Imperial, and 8-9 a. m. for Sunset - Highland
/b/ Afternoon: 3-4 p.m. for Sunset - Highland, 5-6 p.m. for Wilshire - Veteran, 4-5 p.m. and Long Beach - Imperial, and. 6-7 p.m. for and La Cienega - Century
/c/ Peak: 11-12 p.m. (concentration at the hour of the observed peak). Peak is only provided for the Long Beach/Imperial intersection since it is intersection associated with the regional peak at Lynwood.
/d/ The maximum background 1-hour CO concentration is not available on the CARB database. According the SCAQMD, 1-hour CO concentrations were last monitored in 2010 and the highest concentration in San Bernardino County was 3 parts per million.
/e/ The most congested intersection in Los Angeles County. The average daily traffic volume is about 100,000 vehicles/day.
/f/ One of the most congested intersections in the City of Los Angeles. The intersection study has been conducted and traffic data is available.
/g/ One of the most congested intersections in the City of Los Angeles. The intersection study has been conducted and traffic data is available.
/h/ The Lynwood Air Monitoring Station consistently records the highest 8-hour CO concentrations in the South Coast Air Basin each year.
SOURCE: 2003 AQMP, Appendix V, Modeling and Attainment Demonstrations, page V-4-26.

5.1.2.2. *Particulate Matter Hot-Spots*

A PM hot-spot analysis is required under the U.S. EPA Transportation Conformity rule for POAQCs. According to the U.S. EPA Transportation Conformity Guidance, five types of projects are considered POAQC. These types of project are listed below along with information related to the proposed project.

1. New or expanded highway projects that have a significant number of or significant increase in diesel vehicles (significant number is defined as greater than 125,000 (annual average daily traffic (AADT) and 8 percent or more of such AADT is diesel truck traffic, or in practice 10,000 truck AADT or more regardless of total AADT);

   Detailed traffic forecasts and analyses were prepared for each alternative. The basis for the detailed traffic analysis was developed based upon interagency consultation with U.S. EPA, SCAQMD, FHWA, and Caltrans. Based upon review of the project list included in the RTP, it was noted that the proposed East/West Freight Corridor Project, which is located parallel to I-10 and State Route-60, is not scheduled to be completed until year 2035; therefore, it was concluded that the year of highest traffic demand for the I-10 corridor would be the year just prior to the opening of the East/West Freight Corridor Project. Based upon this information, the year 2034 was identified as the worst-case year for traffic and emissions on the I-10 corridor, and hence, detailed traffic forecasts were prepared for year 2034 at the request of the Transportation Conformity Working Group (TCWG).

In addition, as discussed during the interagency consultation, Alternative 3 is expected to result in higher emissions than Alternative 2 due to increased traffic volumes associated with the additional capacity and highway widening; therefore, a detailed traffic analysis was completed for Alternative 3 using 2034 traffic forecasts. The analysis indicated that the build alternatives would locally reduce PM emissions on the I-10 corridor due to the diversion of heavy and medium trucks to other corridors. The model also shows an attraction of autos and light trucks from other highways to I-10. Construction of Alternative 3 provides additional capacity on the I-10 corridor that is not available to heavy and medium trucks but is available to light trucks and cars. PM emissions, including re-entrained dust, are a function of vehicle weight. In addition, re-entrained dust, and not exhaust, comprises most of the PM emissions on the I-10 corridor. The diversion of trucks to other highways reduced emissions within the project limits; therefore, the build alternatives were determined to not be a POAQC.

During the interagency conference call held on January 29, 2016, some comments were expressed regarding the potential for PM hot-spots to be created by the heavy and medium truck diversion to other highways, particularly State Route-60. A response was provided to the TCWG on February 11, 2016. Some heavy and medium trucks would be diverted from I-10 to SR-60 and some light trucks and autos would be attracted from State Route-60 to I-10. Total truck volumes would not change on State Route-60. An emissions analysis indicated that less than 1 percent of State Route-60 traffic volumes under the Build Alternatives would be attributed to a net heavy-duty equivalent flow of trucks from the I-10.

2. Projects affecting intersections that are at a Level of Service D, E, F, with a significant number of diesel vehicles, or that that will change to Level of Service D, E, or F because of increased traffic volumes from a significant number of diesel vehicles related to the project;

   Based on the guidance stated above, 10,000 trucks may be used as an indicator of potential hot-spots. There are no intersections affected by the proposed project with more than 10,000 truck AADT.

3. New bus and rail terminals and transfer points that have a significant number of diesel vehicles congregating at a single location;

   The proposed project does not include a new bus or rail terminal or transfer point.

4. Expanded bus and rail terminals and transfer points that significantly increase the number of diesel vehicles congregating at a single location; or

   The proposed project does not include an expanded bus or rail terminal or transfer point.

5. Projects in or affecting locations, areas, or categories of sites which are identified in the $PM_{2.5}$ or PM_{10} Implementation Plan or Implementation Plan submission, as appropriate, as sites of possible violation;

   The proposed project location has not been identified as a possible violation site.

The proposed project has undergone Interagency Consultation regarding POAQC determination. Interagency Consultation participants concurred that the project is not a POAQC on February 23, 2016. The proposed project is not considered a POAQC because it does not

meet the definition as defined in U.S. EPA's Transportation Conformity Guidance. Therefore, PM hot-spot analysis is not required.

5.1.2.3. *Construction Emissions Related to Conformity*

Construction would occur over approximately 42 months (3.5 years) for Alternative 2 and approximately 60 months (5 years) for Alternative 3. Construction would intermittently move along the length of the alignment, and it is not anticipated that construction activity would occur in one location for more than 5 years. Construction activities will not last for more than 5 years at one general location, so construction-related emissions do not need to be included in regional and project-level conformity analysis (40 CFR 93.123(c)(5)).

5.2. REGIONAL EMISSIONS - MOBILE SOURCES

Existing emissions in the project corridor were estimated using emission factors from the latest version of CT-EMFAC (version 5.0) for VOC, NO_X, CO and using emission factors from EMFAC2011 for PM_{10} and $PM_{2.5}$.[19] CT-EMFAC and EMFAC are based on the same underlying data. However, CT-EMFAC incorporates emissions data and algorithms in the model that enables output of emission factors and project level emissions. It also enables analysts to pair project-level emission factors with project level travel activity to estimate emissions for individual roadway links. CT-EMFAC also allows composition of project-specific vehicle fleets to be incorporated in the modeling. CT-EMFAC was first developed by University of California, Davis with support from Caltrans and CARB. Versions 3.0 and later were developed by Sonoma Technology, Inc. with permission from University of California, Davis and with support from Caltrans and San Diego Association of Governments.

EMFAC2011 was the current model approved for estimating emissions in October 2012 when the Notice of Intent to prepare an Environmental Impact Statement and the Notice of Preparation to prepare an Environmental Impact Report were published by the Lead Agency. Implementation of EMFAC2011 was carried through the publication of the Draft Environmental Document as the baseline condition.

Brake and tire wear emissions were estimated using EMFAC2011 and are both included in the total reported PM mass. Similarly, re-entrained dust, as a fraction of total PM mass, is calculated using the following formula:[20]

$$E = k\,(sL)^{0.91} \times (W)^{1.02}\,(1-P/4N)$$

where:

E: particulate matter emission factor (g/mile),
k: particle size multiplier for particle size range and units of interest (for PM_{10} k=0.0022 lb/VMT and for $PM_{2.5}$ k=0.15×0.0022=0.00033 lb/VMT),
sL: road surface slit loading (grams per square meter, 0.02 g/m^2 for freeway) (g/m^2),
W: average weight (tons) of the vehicles traveling on the road (depends on the ratio of number trucks (23.9 tons) to number of non-trucks (1.55 tons)),
P: number of wet days during the averaging period (40 days),
N: number of days in the averaging period (365 days).

[19]EMFAC2014 was released on December 30, 2014 by the CARB. This new model version has not been approved by the U.S. EPA. The Air Quality Report consistency applies EMFAC2011 to emissions analyses.
[20]U.S. EPA, *AP-42 Section 13.2.1 Paved Roads - Re-entrained Dust from Paved Roads*, January 2011.

Project-related emissions are presented in **Table 5-3** for comparison to the No Build and Build Alternatives. The total project length is identical for each alternative in order to compare emissions between the alternatives. Existing emissions are greater than future emissions for all pollutants except PM_{10} in 2025 and 2045, and $PM_{2.5}$ in 2045.

TABLE 5-3. ESTIMATED 2012 DAILY OPERATIONAL EMISSIONS

Emission Source	Pounds per Day				
	VOC	NO_X	CO	$PM_{2.5}$	PM_{10}
Existing Conditions	2,507	14,718	53,708	740	2,482

SOURCE: Parsons traffic analysis, emission rates from EMFAC2011 for $PM_{2.5}$ and PM_{10} and from CT-EMFAC (version 5.0) for VOC, NOX, and CO.

PM emissions are composed of exhaust, brake- and tire-wear, and re-entrained road dust emissions. Exhaust emissions will decrease in the future due to improvements in engine and emission control technologies. As exhaust emissions decrease due to more advanced technologies, re-entrained road dust emissions make up a higher fraction of PM. PM emissions become a stronger function of VMT and vehicle distribution. The vehicle distribution can change the average vehicle weight and subsequently the re-entrained road dust emission factors. As previously discussed, the Build Alternatives would reduce PM emissions on the I-10 due to the diversion of heavy and medium trucks to other corridors. By diverting more heavy duty trucks and attracting more light and medium duty trucks to the I-10 corridor, the Build Alternative would have a lighter average vehicle weight compared to the No Build Alternative. Less re-entrained road dust emissions would be generated per unit mile travelled for the Build Alternatives compared to the No Build Alternative. However, the Build Alternatives would add capacity and more mobility and result in increased VMT. The combination of the two effects would results in decreases or increases in regional PM emissions depending on the Build Alternative and year, as shown in **Tables 5-4** through **5-5**.

TABLE 5-4. ESTIMATED 2025 DAILY OPERATIONAL EMISSIONS

Emission Source	Pounds Per Day				
	VOC	NO_X	CO	$PM_{2.5}$	PM_{10}
Alternative 1	960	4,840	22,039	658	2,592
Alternative 2 (% Change from 2025 No Build Alternative)	955 (1%)	4,895 1%	21,654 (2%)	630 (4%)	2,415 (7%)
Net Change from Alternative 1 to Alternative 2	(5)	55	(385)	(28)	(177)
Alternative 3 (% Change from 2025 No Build Alternative)	1,059 10%	5,256 9%	23,955 9%	662 1%	2,461 (5%)
Net Change from Alternative 1 to Alternative 3	99	416	1,916	4	(131)

SOURCE: Parsons traffic analysis, emission rates from EMFAC2011 for $PM_{2.5}$ and PM_{10} and from CT-EMFAC (version 5.0) for VOC, NO_X, and CO.

TABLE 5-5. ESTIMATED 2045 DAILY OPERATIONAL EMISSIONS					
	Pounds Per Day				
Emission Source	VOC	NO_X	CO	$PM_{2.5}$	PM_{10}
Alternative 1	893	4,606	21,824	775	3,040
Alternative 2 (% Change from 2045 No Build Alternative)	916 3%	4,788 4%	22,233 2%	766 (1%)	2,922 (4%)
Net Change from Alternative 1 to Alternative 2	23	182	409	(9)	(118)
Alternative 3 (% Change from 2045 No Build Alternative)	1,003 12%	4,964 8%	23,918 10%	785 1%	2,904 (4%)
Net Change from Alternative 1 to Alternative 3	110	358	2,094	10	(136)
SOURCE: Parsons traffic analysis, emission rates from EMFAC2011 for $PM_{2.5}$ and PM_{10} and from CT-EMFAC (version 5.0) for VOC, NO_X, and CO.					

Refer to the Air Quality Appendix for a detailed list of emission factors used in the current study. According to the traffic analysis, ten percent of the traffic volumes for traffic links, except for HOV and express lanes, would be composed of trucks. This indicates that the total PM emissions would be dominated by a small fraction of trucks travelling along the I-10 corridor. The same rationale applies to other pollutants such as NO_X, CO, and VOC.

Tables 5-4 and **5-5** show 2025 and 2045 regional emissions for the No Build Alternative (Alternative 1) and Alternatives 2 and 3. Between the two build alternatives, Alternative 2 would generate less regional emissions than Alternative 3.

In addition, truck engines and their emission control technologies are optimized to emit the least amount of PM emissions at a much lower speed compared to the average speed of the proposed project. According to the EMFAC2011 model, the least amount of PM emissions per unit distance traveled in 2025 for trucks is released at a speed of 30 mph, while for non-truck vehicles, optimum speed in terms of emissions is 50 mph. Although increasing the speed of traffic by only 5 mph increases the non-truck emissions by only 2.4 percent, the same amount of increase in speeds increases truck emissions by 13 percent; therefore, the total emissions due to operation of the proposed project quickly increases as speeds deviate from an optimum speed. This optimum speed is highly dependent on the truck/non-truck composition of the traffic (i.e., proportion of trucks and non-trucks), at any given link.

5.3. Mobile Source Air Toxics

U.S. EPA identified seven compounds with significant contributions from mobile sources that are among the national and regional-scale cancer risk drivers from their 1999 National Air Toxics Assessment (NATA). These are acrolein, benzene, 1,3-butadiene, diesel particulate matter plus diesel exhaust organic gases (diesel PM), formaldehyde, naphthalene, and polycyclic organic matter.

FHWA, in its Interim Guidance published on December 6, 2012 (Interim Guidance on Mobile Source Air Toxic Analysis in NEPA Documents), recommends a range of options deemed appropriate for addressing and documenting the MSAT issue in NEPA documents. Based on the FHWA guidance, the proposed project has the potential for meaningful differences in MSAT emissions among project alternatives; therefore, level of emissions for the highest priority MSATs for the No Build Alternative and build alternatives was evaluated (Level 3 Analysis: Projects with Higher Potential MSAT Effects).

The procedure for analyzing emissions for on-road MSATs is to calculate emission factors using CT-EMFAC 5 based on EMFAC2011 and apply the emission factors to speed and VMT data specific to the proposed project. EMFAC2011 is the emission inventory model developed by CARB, which calculates emission inventories for motor vehicles operating on roads in California. The emission factors used in this analysis are from CT-EMFAC 5 and are specific to the San Bernardino County portion of the South Coast Air Basin. The MSAT emission factors were obtained using the CT-EMFAC manual option mode for Truck/Non-Trucks and for various truck percentages according to the traffic study. The geographic area was set to San Bernardino County and the analysis years of 2012, 2025, and 2035 were selected.[21] When CT-EMFAC completed the calculations, the output file contained fleet-average emissions factors by pollutant and by emission process.

Based on an FHWA analysis using U.S. EPA's MOVES2010b model, as shown in **Figure 5-1**, even if vehicle-miles travelled (VMT) increases by 102 percent as assumed from 2010 to 2050, a combined reduction of 83 percent in the total annual emissions for the priority MSAT is projected for the same time period.

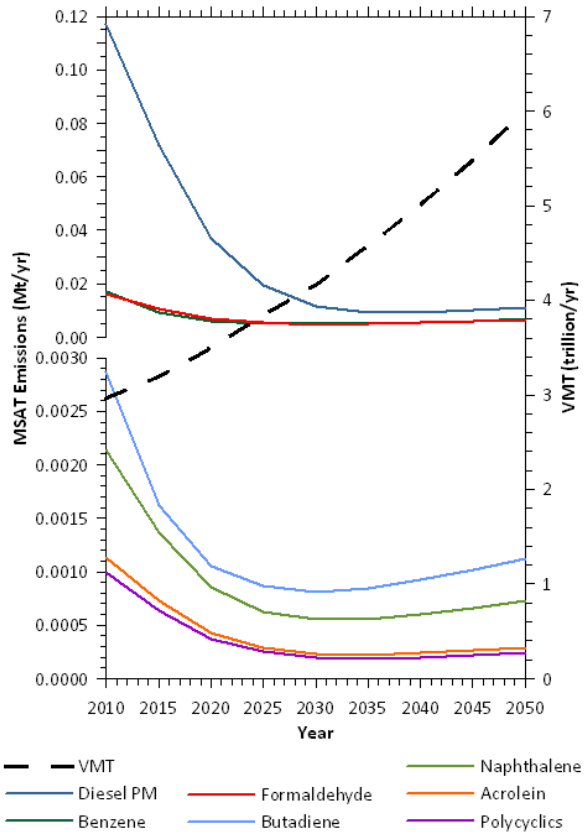


Figure 5-1 National MSAT Emission Trends 1999 – 2050 for Vehicles Operating on Roadways using U.S. EPA's MOVES2010b Model

[21]The horizon year analysis (2045) is based on 2045 traffic volumes and 2035 emission rates from CT-EMFAC as this is the latest available year for analysis in CT-EMFAC.

Tables 5-6 and **5-7** shows the 2025 and 2045 MSAT emissions, respectively. Between the two build alternatives, Alternative 2 would generate less MSAT emissions than Alternative 3. The total project length is identical for each alternative in order to compare emissions between the alternatives.

TABLE 5-6. MSAT EMISSIONS – 2025

Toxic Air Contaminant	2012 Existing Emissions (lb/day)	2025 No Build – Alternative 1 Emissions (lb/day)	2025 Build		
			Emissions (lb/day)	Existing Percent Change	No Build Percent Change
ALTERNATIVE 2					
Benzene	79.7	28.8	28.6	(64%)	(1%)
Acrolein	3.9	1.4	1.3	(67%)	(7%)
Acetaldehyde /a/	43.0	17.3	17.6	(59%)	2%
Formaldehyde	112.1	44.1	44.7	(60%)	1%
Butadiene	17.5	6.2	6.1	(65%)	(2%)
Naphthalene	3.4	2.3	2.3	(32%)	0%
POM	2.0	0.7	0.7	(65%)	0%
Diesel PM	359.8	94.1	99.2	(72%)	5%
ALTERNATIVE 3					
Benzene	79.7	28.8	31.8	(60%)	10%
Acrolein	3.9	1.4	1.5	(62%)	7%
Acetaldehyde	43.0	17.3	18.6	(57%)	8%
Formaldehyde	112.1	44.1	47.9	(57%)	9%
Butadiene	17.5	6.2	6.8	(61%)	10%
Naphthalene	3.4	2.3	2.5	(26%)	9%
POM	2.0	0.7	0.8	(60%)	14%
Diesel PM	359.8	94.1	102.0	(72%)	8%

/a/ Acetaldehyde has not been identified by as a priority MSAT, although it has been identified by CARB as a Toxic Air Contaminant.
Note: Percent change is calculated as (B-A)/A. For example, the no build percent change for diesel particulate matter in Alternative 3 is (102.0-94.1)/94.1.

TABLE 5-7. MSAT EMISSIONS – 2045

Toxic Air Contaminant	2012 Existing Emissions (lb/day)	2045 No Build – Alternative 1 Emissions (lb/day)	2045 Build		
			Emissions (lb/day)	Existing Percent Change	No Build Percent Change
ALTERNATIVE 2					
Benzene	79.7	27.3	28.0	(65%)	3%
Acrolein	3.9	1.3	1.3	(67%)	0%
Acetaldehyde	43.0	18.6	19.3	(55%)	4%
Formaldehyde	112.1	46	47.6	(58%)	3%
Butadiene	17.5	5.7	5.9	(66%)	4%
Naphthalene	3.4	2.9	2.9	(15%)	0%
POM	2.0	0.9	0.9	(55%)	0%
Diesel PM	359.8	108.6	116.9	(68%)	8%
ALTERNATIVE 3					
Benzene	79.7	27.3	30.7	(61%)	12%
Acrolein	3.9	1.3	1.4	(64%)	8%
Acetaldehyde	43.0	18.6	19.6	(54%)	5%
Formaldehyde	112.1	46	49.2	(56%)	7%
Butadiene	17.5	5.7	6.5	(63%)	14%
Naphthalene	3.4	2.9	3.2	(6%)	10%
POM	2.0	0.9	0.9	(55%)	0%
Diesel PM	359.8	108.6	115.7	(68%)	7%

Note: Percent change is calculated as (B-A)/A. For example, the no build percent change for diesel particulate matter in Alternative 3 is (115.7-108.6)/108.6

Appendix E of the MSAT guidance document includes mitigation for countering the effects of MSAT emissions. These mitigation strategies include commuter incentives (Alternatives 2 and 3), congestion pricing (Alternative 3), and Intelligent Transportation System programs, such as traffic management centers or incident management systems (Alternatives 2 and 3). Other suggested mitigation strategies would not be feasible, such as truck-stop electrification, buffer zones between new or expanded highway alignments and populated areas, and reducing a particular type of travel. Electrification is outside the scope of the proposed project and buffer zones cannot be established as the freeway is an existing alignment with land uses bordering the right-of-way. The project corridor supports warehouse and trucking facilities and truck trips associated with these facilities cannot reasonably be limited by Caltrans or SANBAG.

5.4. Construction Emissions (Short-Term Impacts)

5.4.1. General Construction Information

During construction, short-term degradation of air quality may occur due to the release of particulate emissions (airborne dust) generated by excavation, grading, hauling, and various other construction-related activities. Exhaust emissions from construction equipment also are expected and would include CO, NO_x, VOCs, directly-emitted particulate matter (PM_{10} and $PM_{2.5}$), and toxic air contaminants such as diesel exhaust particulate matter. Ozone is not directly emitted from construction activities; it is a regional pollutant that is formed from NO_x and VOCs in the presence of sunlight and heat.

Construction of the proposed project is planned to commence in 2019 and is anticipated to be completed in 2024. The duration of construction for the build alternatives is approximately 42 months (3.5 years) for Alternative 2 and 60 months (5 years) for Alternative 3. Construction will occur in four phases due to the scale of the proposed project and the need to minimize traffic impacts and maintain traffic during construction. These four phases include Grubbing/Land Clearing, Grading/Excavation, Drainage/Utilities, and Paving.

The temporary impact analysis described below utilizes the Sacramento Metropolitan Air Quality Management District's Roadway Construction Emissions Model (RoadMod) Version 7.1.5.1, published December 2013 to quantify emissions associated with roadway construction. RoadMod is a data-entry spreadsheet that utilizes various sources to estimate construction emissions, including OFFROAD2011 and EMFAC2011. The project-specific assumptions used for the construction calculations are summarized as follows:

<u>Alternative 2</u>

- Year 2019 start date
- 42-month construction period
- 25-mile corridor length
- 360 acre project area
- 40 acres maximum area disturbed per day
- A maximum of 40 acres of land disturbed per day
- A maximum of 200 cubic yards per day of soil to be imported
- No exported soil
- Water trucks used as control measure for fugitive dust

Alternative 3

- Year 2019 start date
- 60-month construction period
- 31-mile corridor length
- 432 acre project area
- 40 acres maximum area disturbed per day
- A maximum of 40 acres of land disturbed per day
- A maximum of 700 cubic yards per day of soil to be imported
- No exported soil
- Water trucks used as control measure for fugitive dust

The above assumptions were used as input parameters to the RoadMod model. The construction activity schedule and equipment fleet mix for Alternatives 2 and 3 were estimated by the model. RoadMod is specifically developed to estimate emissions associated with roadway construction projects since the default equipment, activities, and typical phasing are different than those of land use development projects and building construction projects. The methodologies and assumptions used in RoadMod are appropriate for road construction projects, including new road construction, road widening and bridge or overpass construction. The RoadMod phasing assumptions were used to allocate the project specific construction equipment to the specific phases. **Table 5-8** shows the assumed construction schedule and off-road equipment used in each phase of the proposed project alternatives. Calculation methods and assumptions as generated by RoadMod are provided in the Air Quality Appendix.

TABLE 5-8. DURATION AND EQUIPMENT FOR CONSTRUCTION ACTIVITIES

Construction Activity	Duration (months)	Equipment Used
ALTERNATIVE 2		
Grubbing/Land Clearing	4.2	Crawler Tractors, Excavators, Signal Boards
Grading/Excavation	16.8	Cranes, Crawler Tractors, Excavators, Graders, Rollers, Rubber Tired Loaders, Scrapers, Signal Boards, Tractors/Loaders/Backhoes
Drainage/Utilities	14.7	Air Compressors, Generator Sets, Graders, Plate Compactors, Pumps, Rough Terrain Forklists, Scrapers, Signal Boards, Tractors/Loaders/Backhoes
Paving	6.3	Pavers, Paving Equipment, Rollers, Signal Boards, Tractors/Loaders/Backhoes
ALTERNATIVE 3		
Grubbing/Land Clearing	6.0	Crawler Tractors, Excavators, Signal Boards
Grading/Excavation	24.0	Cranes, Crawler Tractors, Excavators, Graders, Rollers, Rubber Tired Loaders, Scrapers, Signal Boards, Tractors/Loaders/Backhoes
Drainage/Utilities	21.0	Air Compressors, Generator Sets, Graders, Plate Compactors, Pumps, Rough Terrain Forklists, Scrapers, Signal Boards, Tractors/Loaders/Backhoes
Paving	9.0	Pavers, Paving Equipment, Rollers, Signal Boards, Tractors/Loaders/Backhoes

SOURCE: Roadway Construction Emissions Model and project-specific construction information.

There are 11 general locations for construction staging and material storage as described below. Refer to the construction analysis of the DEIS/DEIR for detailed maps showing locations of the staging areas.

- Northwest and southeast quadrants of I-10/Etiwanda Avenue interchange
- North side of I-10, east of Cherry Avenue
- North side of I-10 between Poplar Avenue and Catawbe Avenue
- North side of I-10 between Poplar Avenue and Catawbe Avenue
- North side of I-10 between Warm Creek and Santa Ana River
- North side of I-10 between Waterman Avenue and Westbound on-ramp
- North side of I-10 between Ferree Street and Richardson Street
- South side of I-10 west of Richardson Street
- North side of I-10 east of Richardson Street
- North side of I-10 west of Mission Channel/West Redlands bridge
- South side of I-10 between Bryn Mawr Avenue and California Street

Two locations are within the State right-of-way; all others are private parcels (currently vacant) outside the State right-of-way.

Tables 5-9 and **5-10** show the estimated daily emissions associated with each construction phase for Alternatives 2 and 3, respectively. The emissions were estimated using RoadMod and the assumptions listed in the methodology discussion. Limited detailed construction information was available at the time of this analysis; therefore, the analysis relies on RoadMod default assumptions, including the fleet mix.

TABLE 5-9. ALTERNATIVE 2 ESTIMATED DAILY CONSTRUCTION EMISSIONS

Activities	Pounds Per Day				
	VOC	NO_X	CO	$PM_{2.5}$	PM_{10}
Grubbing/Land Clearing	9	122	75	87	405
Grading/Excavation	38	415	260	100	419
Drainage/Utilities	26	239	205	94	412
Paving	8	63	85	3	4
Potential Overlapping Emissions (lb/day)	81	839	625	284	1,240
Total (tons/project)	12	125	91	38	163

SOURCE: Roadway Construction Emissions Model and project-specific construction information.

TABLE 5-10. ALTERNATIVE 3 ESTIMATED DAILY CONSTRUCTION EMISSIONS

Activities	Pounds Per Day				
	VOC	NO_X	CO	$PM_{2.5}$	PM_{10}
Grubbing/Land Clearing	10	122	77	87	405
Grading/Excavation	37	402	262	99	418
Drainage/Utilities	24	209	206	93	411
Paving	7	58	85	3	3
Potential Overlapping Emissions (lb/day)	78	791	631	282	1,237
Total (tons/project)	17	168	130	54	232

SOURCE: Roadway Construction Emissions Model and project-specific construction information.

The construction schedule indicates that overlapping activities would occur throughout the project corridor. Without detailed information available, this conservative analysis assumed that each of the construction phases presented in **Tables 5-9** and **5-10** could occur simultaneously throughout the corridor. Daily emissions would vary and typically be less than the maximum emissions presented in the tables.

Some phases of construction, particularly asphalt paving, may result in short-term odors in the immediate area of each paving site(s). Such odors would quickly disperse to below detectable levels as distance from the site(s) increases.

Avoidance, Minimization, and Mitigation Measures

Most of the construction impacts to air quality are short-term in duration and, therefore, will not result in long-term adverse conditions. Implementation of the following avoidance, minimization, and/or mitigation measures would reduce fugitive dust emissions resulting from construction activities:

AQ-1 The construction contractor must comply with the Caltrans Standard Specifications in Section 14-9 (2015).

AQ-2 Section 14-9.02 specifically requires compliance by the contractor with all applicable laws and regulations related to air quality, including air pollution control district and air quality management district regulations and local ordinances.

AQ-3 Section 14-9.03 is directed at controlling dust. If dust palliative materials other than water are to be used, material specifications are described in Section 18.

AQ-4 The construction contractor must comply with SCAQMD Rule 403 (Fugitive Dust). Water or dust palliative will be applied to the site and equipment as often as necessary to control fugitive dust emissions. Fugitive emissions generally must meet a “no visible dust” criterion either at the point of emissions or at the right-of-way line depending on local regulations.

AQ-5 Soil binder will be spread on any unpaved roads used for construction purposes, and on all project construction parking areas.

AQ-6 Trucks will be washed as they leave the right-of-way as necessary to control fugitive dust emissions.

AQ-7 A dust control plan will be developed documenting sprinkling, temporary paving, speed limits, and timely revegetation of disturbed slopes as needed to minimize construction impacts to existing communities.

AQ-8 Equipment and materials storage sites will be located as far away from residential and park uses as practicable. Construction areas will be kept clean and orderly.

AQ-9 Track-out reduction measures, such as gravel pads at project access points to minimize dust and mud deposits on roads affected by construction traffic, will be used.

AQ-10 All transported loads of soils and wet materials will be covered before transport, or adequate freeboard (space from the top of the material to the top of the truck) will be provided to minimize emission of dust (particulate matter) during transportation.

AQ-11 Dust and mud that are deposited on paved, public roads due to construction activity and traffic will be promptly and regularly removed to decrease particulate matter.

AQ-12 Mulch will be installed or vegetation planted as soon as practical after grading to reduce windblown particulate in the area. Be aware that certain methods of mulch placement, such as straw blowing, may themselves cause dust and visible emission issues and may need to use controls such as dampened straw. Hydroseeding may be used as alternative to mulch.

Implementation of the following avoidance, minimization, and/or mitigation measures would reduce exhaust emissions resulting from construction activities:

AQ-13 Construction equipment and vehicles will be properly tuned and maintained. All construction equipment will use low sulfur fuel as required by California Code of Regulations Title 17, Section 93114.

AQ-14 Environmentally Sensitive Areas or their equivalent will be established within 1,000 feet of sensitive air receptors. Within these areas, construction activities involving the extended idling of diesel equipment or vehicles will be prohibited, to the extent feasible.

AQ-15 To the extent feasible, construction traffic will be scheduled and routed to reduce congestion and related air quality impacts caused by idling vehicles along local roads during peak travel times.

AQ-16 Under CARB idling emissions rule, 2008 and newer model year heavy-duty diesel engines will be equipped with a non-programmable engine shutdown system that automatically shuts down the engine after five minutes of idling, or optionally meet a stringent NO_x idling emission standard. This rule applies to diesel-fueled commercial motor vehicles that operate in the State of California with gross vehicular weight ratings of greater than 10,000 pounds that are or must be licensed for operation on highways.

AQ-17 To the extent feasible, all construction signal/message boards shall be solar powered.

AQ-18 To the extent feasible, electricity shall be obtained from power poles rather than temporary diesel or gasoline generators.

5.5. Climate Change/Greenhouse Gas Emissions

Climate change refers to long-term changes in temperature, precipitation, wind patterns, and other elements of the earth's climate system. An ever-increasing body of scientific research attributes these climatological changes to greenhouse gas (GHG) emissions, particularly those generated from the production and use of fossil fuels.

5.5.1. Construction Emissions

GHG emissions for transportation projects can be divided into those produced during construction and those produced during operations. Construction GHG emissions include emissions produced as a result of material processing, emissions produced by onsite construction equipment, and emissions arising from traffic delays due to construction. These

emissions will be produced at different levels throughout the construction phase; their frequency and occurrence can be reduced through innovations in plans and specifications and by implementing better traffic management during construction phases. In addition, with innovations such as longer pavement lives, improved traffic management plans, and changes in materials, the GHG emissions produced during construction can be mitigated to some degree by longer intervals between maintenance and rehabilitation events.

Construction GHG emissions for Alternatives 2 and 3 are presented in **Table 5-11**. The CEQA baseline emissions for construction are zero. Construction emissions were estimated using RoadMod, which is based on the EMFAC2011 and OFFROAD models. Between the two build alternatives, Alternative 2 would generate less GHG construction emissions than Alternative 3.

TABLE 5-11. ESTIMATED CARBON DIOXIDE EMISSIONS

Alternative	Carbon Dioxide		Construction Duration
	Metric Tons per Year	Total Metric Tons	
Alternative 2	5,504	19,265	60 months
Alternative 3	5,711	28,557	42 months

SOURCE: Roadway Construction Emissions Model and project-specific construction information.

5.5.2. Operational Emissions

Existing GHG emissions are presented in **Table 5-12**, and future GHG emissions are presented in **Tables 5-13** and **5-14**. Emissions were estimated using Caltrans CT-EMFAC version 5.0 which is based on EMFAC2011. The total project length is identical for each alternative in order to compare emissions between the alternatives. Compared to the No Build Alternative, Alternative 2 would result in negligible changes in GHG emissions in 2025 (i.e., less than 1 percent decrease) and 3 percent increases in 2045. Alternative 3 would increase GHG emissions 9 percent in 2025, and 10 percent in 2045. Between the two build alternatives, Alternative 2 would generate less GHG emissions than Alternative 3. Compared to the existing conditions, Alternative 2 and 3 would increase the GHG emissions by 12 percent and 23 percent in 2025 and by 38 percent and 48 percent in 2045, respectively.

TABLE 5-12. ESTIMATED EXISTING ANNUAL CARBON DIOXIDE EMISSIONS

Source	Metric Tons per Year	Annual VMT (per 1,000,000)
Existing Conditions (2012)	1,181,102	2,457

SOURCE: CT-EMFAC and project-specific construction information.

TABLE 5-13. ESTIMATED 2025 ANNUAL CARBON DIOXIDE EMISSIONS			
Source	**Metric Tons per Year**	**Percent Change Compared to No Build**	**Annual VMT (per 1,000,000)**
Alternative 1 (No Build Alternative)	1,328,541	-	2,768
Alternative 2	1,322,275	-	1.7% decrease
Net Change from No Build to Alternative 2	(6,266)	<1% decrease	2,721
Alternative 3	1,451,131	-	9.2% increase
Net Change from No Build to Alternative 3	122,590	9% increase	3,023
SOURCE: CT-EMFAC and project-specific construction information.			

TABLE 5-14. ESTIMATED 2045 ANNUAL CARBON DIOXIDE EMISSIONS			
Source	**Metric Tons Per Year**	**Percent Change Compared to No Build**	**Annual VMT (per 1,000,000)**
Alternative 1 (No Build Alternative)	1,586,298	-	3,298
Alternative 2	1,628,457	-	3,366
Net Change from No Build to Alternative 2	42,159	3% increase	2.1% increase
Alternative 3	1,748,113	-	3,661
Net Change from No Build to Alternative 3	161,815	10% increase	11.0% increase
SOURCE: CT-EMFAC and project-specific construction information.			

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FTIP and RTP Project Listings

SOUTHERN CALIFORNIA ASSOCIATION of GOVERNMENTS

Final 2015 Federal Transportation Improvement Program

San Bernardino County Project Listing

State Highway

(In $000`s)

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	System	Conformity Category	Amendment
2002160	San Bernardino	SCAB		2002160	CARH3	10	4.1	6.1	S	NON-EXEMPT	0

Description: PTC 16,180 Agency ONTARIO

I-10 AT GROVE INTERCHANGE AND GROVE AVE. CORRIDOR - RELOCATE I/10 & 4TH ST. I/C TO GROVE AVE. AND WIDEN GROVE AVE BETWEEN I-10 TO HOLT (4-6 LNS); WIDEN GROVE AVE FROM STATE ST TO 350 FT N OF HOLT BLVD INCLUDING RR BRDGE(4-6 LNS); LEFT TURN LANES AT HOLT.

Fund	ENG	R/W	CON	Total	Prior	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	Total
DEMO-SAFETEA-LU	2,400			2,400	2,400							2,400
INTERSTATE MAINT. DISCRETIONARY - H.R. 2764	475			475	475							475
INTERSTATE MAINTENANCE DISCRETIONARY	950			950	950							950
CITY FUNDS		85		85	85							85
DEVELOPER FEES	208	15	4,635	4,858	223	4,635						4,858
SBD CO MEASURE I	1,517		5,895	7,412	1,517	5,895						7,412
2002160 Total	5,550	100	10,530	16,180	5,650	10,530						16,180

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	System	Conformity Category	Amendment
200803	San Bernardino	SCAB		200803	CARH3	10	5.87	6.37	S	NON-EXEMPT	0

Description: PTC 84,000 Agency ONTARIO

I-10 AT VINEYARD AVE. INTERCHANGE. INTERCHANGE WIDENING FROM 4-6 LANES AND WIDEN ON AND OFF RAMPS TO TWO LANES, INTERSECTION IMPROVEMENTS AND ENHANCE EXISTING LANDSCAPING

Fund	ENG	R/W	CON	Total	Prior	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	Total
DEVELOPER FEES	3,210			3,210			1,070	1,070	1,070			3,210
SBD CO MEASURE I	2,139			2,139			713	713	713			2,139
200803 Total	5,349			5,349			1,783	1,783	1,783			5,349

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	System	Conformity Category	Amendment
0C2500	San Bernardino	SCAB		4H01001	CANT6	10	8	33.8	S	TCM	0

Description: PTC 539,817 Agency SANBAG

I-1O HOV LANE ADDITION - FROM HAVEN (ONTARIO TO FORD ST (REDLANDS)-WIDENING FROM 8-10 LANES, AUX LANES WIDENING UNDERCROSSINGS AND OVERCROSSINGS AND RECONSTRUCTION OF RAMPS WHERE NEEDED (Toll Credits are being used as match for CMAQ FY 2019/2020 for $5,287)

Fund	ENG	R/W	CON	Total	Prior	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	Total
CMAQ			46,134	46,134							46,134	46,134
SBD CO MEASURE I	12,990		442,479	455,469	10,560				2,430		442,479	455,469
STIP ADVANCE CON-RIP	1,000			1,000	1,000							1,000
SURFACE TRANS PROG - RIP	25,284	11,930		37,214					37,214			37,214
0C2500 Total	39,274	11,930	488,613	539,817	11,560				39,644		488,613	539,817

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	System	Conformity Category	Amendment
34090	San Bernardino	SCAB		34090	CAX70	10	16.9	17.9	S	NON-EXEMPT	0

Description: PTC 99,105 Agency FONTANA

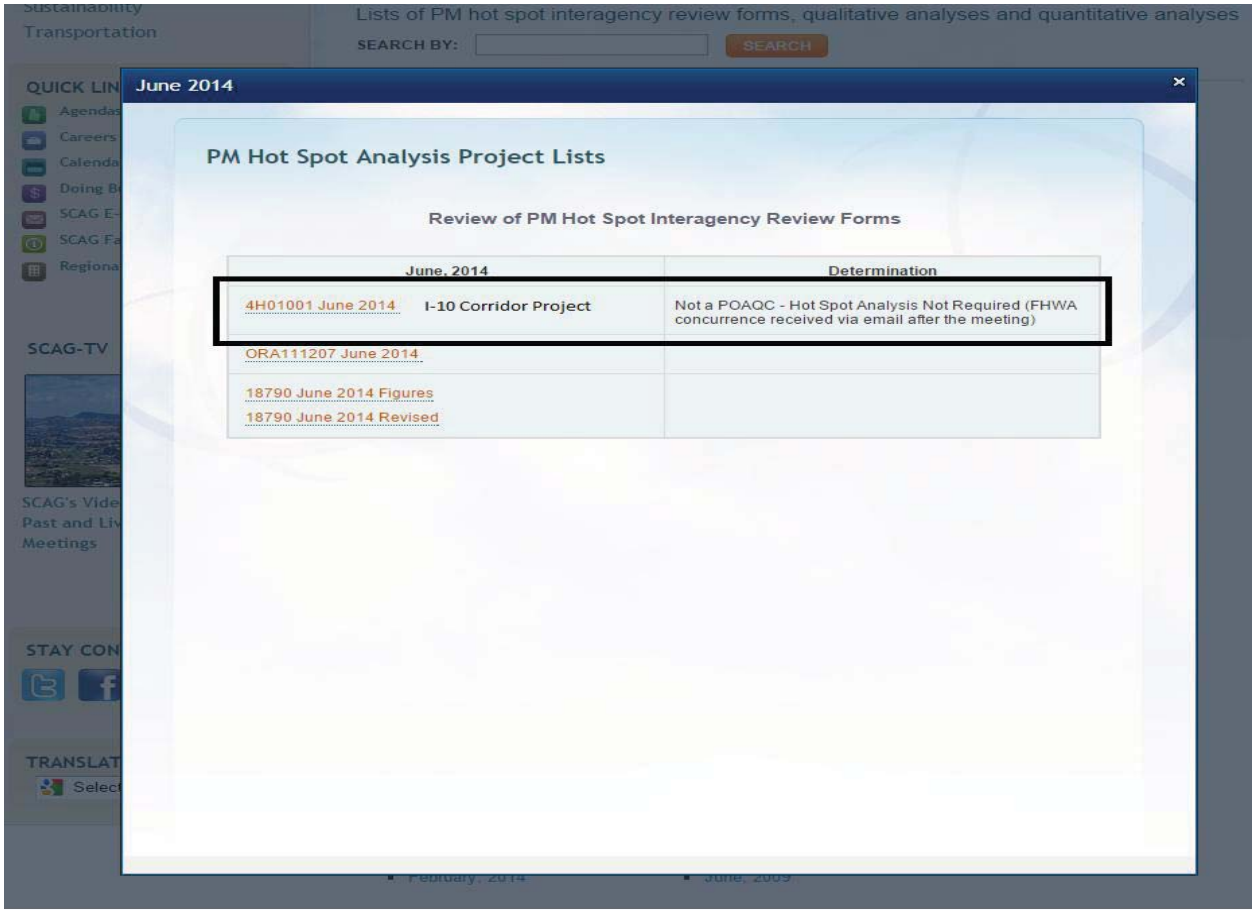
IN FONTANA AT ALDER AVENUE CONSTRUCT 4 LANE INTERCHANGE (2 LANES IN EACH DIRECTION.)

Fund	ENG	R/W	CON	Total	Prior	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	Total
CITY FUNDS												

County	System	Lead Agency	RTP ID	FTIP ID	Begin PM	End PM	Route #	Route Name	From	To	Description	Baseline	Comple-tion Year	Model Segment	Roadway Segment: Route Name	Roadway Segment: Length	Roadway Segment: From	Roadway Segment: To	Roadway Segment: Description	Roadway Segment: Existing Lanes	Roadway Segment: Proposed Lanes	Transit Segment: Route	Additional Details
San Bernardino	State Highway	SAN BERNARDINO COUNTY	SBD41339	20130102	20.1	22	10				PEPPER AVENUE BRIDGE STRUCTURE OVER I-10 WIDEN FROM 3-5 LANES TO PROVIDE FOR ONE ADDITIONAL THROUGH LANE, ONE ADDITIONAL SOUTHBOUND TURN LANE AND CONSTRUCT MINOR RAMP IMPROVEMENTS, MINOR ARTERIAL STREET IMPROVEMENTS, AND ANCILLARY IMPROVEMENTS. (TOLL CRED		2016		Pepper Ave Bridge over I-10	NA	North limit of bridge	South limit of bridge	Widen bridge structure for additional through lane and additional southbound turn lane	3	5		
San Bernardino	State Highway	SAN BERNARDINO COUNTY	SBD41339	SBD41339	20.1	22	10				I-10/PEPPER IC: WIDEN BRIDGE FROM FIVE TO SIX LANES TO PROVIDE FOR ONE ADDITIONAL SOUTHBOUND TURN LANE AND ADD AUXILIARY LANES TO FREEWAY		2016		I-10/PEPPER	1.9 MILES	VALLEY BLVD	SLOVER AVE.	WIDEN INTERCHANGE AND ADD TURN POCKETS AND INTERSECTION IMPROVEMENTS	2	7		
San Bernardino	State Highway	SANBAG	44810	44812	26	27.3	10				I-10 TIPPECANOE RECONFIGURE INTERCHANGE & LOCAL RD IMP/MOD (HP 1366)(WESTBOUND - PHASE II)(FORMERLY PART OF RTP ID 44810)		2015		I-10	1.3 MILES	TIPPECANOE	TIPPECANOE	INTERCHANGE RECONFIGURE	2	4		
San Bernardino	State Highway	VARIOUS AGENCIES	1830	1830	17.8	19.3	10				I-10 AT CEDAR AVE. BETWEEN SLOVER AND VALLEY- RECONSTRUCT I/C-WIDEN FROM 4-6 LANES WITH LEFT AND RIGHT TURN LANES. ADD AUX LANE ON E/B ON AND OFF RAMPS	X	2016		I-10	1.5 MILES	SLOVER	VALLEY	RECONSTRUCT INTERCHANGE WIDEN FROM 4-6 LANES WITH LEFT AND RIGHT TURN LANES. ADD AUX LANE ON E/B ON AND OFF RAMPS	4	6		
San Bernardino	State Highway	SANBAG	4H01001	0C2500	8	33.8	10	I-10			I-1O HOV LANE ADDITION - FROM HAVEN (ONTARIO TO FORD ST (REDLANDS)-WIDENING FROM 8-10 LANES, AUX LANES WIDENING UNDERCROSSINGS AND OVERCROSSINGS AND RECONSTRUCTION OF RAMPS WHERE NEEDED (Toll Credits are being used as match for CMAQ FY 2019/2020 for $5,28		2024		I-10	n/a	HAVEN AVE	FORD ST	LANE ADDITION WITH HOV AUX LANES WIDENING OVER AND UNDER CROSSINGS	8	10		
San Bernardino	State Highway	CALTRANS	4M04023				10	I-10	0.1 km e/o I-15 (PM 9.9)	0.4 km e/o I-215 (PM R24.5)	Install RMS, CCTV ESU; widen entrance ramps from 1 to 2 lanes at: EB & WB at Cherry Ave, Citrus Ave, Cedar Ave, Riverside Ave and Mt Vernon Ave; WB at Rancho Ave; EB at 9th St (EA:38430)		2014	1									
San Bernardino	State Highway	REDLANDS	4M01025				10	I-10	Alabama St	Interchange	Interchange (PM 28.0-29.5)		2020	1									
San Bernardino	State Highway	VICTORVILLE	4M1001				10	I-10	AT YUCAIPA BLVD		YUCAIPA BLVD @ I-10 FWY - IMPROVE THE WB ON-RAMP FROM 1-2 LANES AND MODIFY TRAFFIC SIGNAL		2012	1									
San Bernardino	State Highway		SBD031269				10	I-10	BEECH AVE		IN FONTANA AT BEECH AVENUE CONSTRUCT 4 LANE INTERCHANGE (2 LANES IN EACH DIRECTION.		2022	1									
San Bernardino	State Highway	YUCAIPA	4H01003				10	I-10	Ford St.	Riverside County Line	Add 1 HOV lane each direction (PM 33.0-0.0)		2025	1									
San Bernardino	State Highway	YUCAIPA	4M07021				10	I-10	Ford St.	Riverside County Line	Add 1 Aux lane each direction (PM33.0-0.0)		2025	1									
San Bernardino	State Highway	SAN BERNARDINO ASSOCIATED GOVERNMENTS (SANBAG)	4122004				10	I-10	Garey Avenue in Los Angeles County	I-15/I-10 Interchange	I10 Express Lane Addition – Express Lane widening to implement two (2) Express Lanes in each direction for a total of 12 lanes including Auxiliary lane widening, undercrossings, overcrossings, and reconstruction of ramps where needed.		2021	1	I-10	10 MILES	LOS ANGELES/SAN BERNARDINO COUNTY LINE	I-15/I-10 Interchange	I10 Express Lane Addition – Express Lane widening to implement two (2) Express Lanes in each direction for a total of 12 lanes including Auxiliary lane widening, undercrossings, overcrossings, and reconstruction of ramps where needed.	10	12		Widening each direction 1 lane. Converting existing HOV lanes (1 each direction) to Express Lanes. Final design has 2 express lanes each direction. Total of 12 lanes.
San Bernardino	State Highway	SAN BERNARDINO ASSOCIATED GOVERNMENTS (SANBAG)	4122004				10	I-10	Garey Avenue in Los Angeles County	I-15/I-10 Interchange	I10 Express Lane Addition – Express Lane widening to implement two (2) Express Lanes in each direction for a total of 12 lanes including Auxiliary lane widening, undercrossings, overcrossings, and reconstruction of ramps where needed.		2021	2	I-10	2 MILES	GAREY AVENUE	LA/SBD COUNTY LINE	LANE TRANSITIONS TO EXISTING: POST MILES LA 46.12 TO LA 48.28 (LA COUNTY LINE)	10	12		Widening each direction 1 lane. Converting existing HOV lanes (1 each direction) to Express Lanes. Final design has 2 express lanes each direction. Total of 12 lanes.
San Bernardino	State Highway	RANCHO CUCAMONGA	4M07013				10	I-10	Haven	Ford St	Add 1 Aux lane each direction		2020	1									

County	System	Lead Agency	RTP ID	FTIP ID	Begin PM	End PM	Route #	Route Name	From	To	Description	Baseline	Comple-tion Year	Model Segment	Roadway Segment: Route Name	Roadway Segment: Length	Roadway Segment: From	Roadway Segment: To	Roadway Segment: Description	Roadway Segment: Existing Lanes	Roadway Segment: Proposed Lanes	Transit Segment: Route	Additional Details
San Bernardino	State Highway	SAN BERNARDINO ASSOCIATED GOVERNMENTS (SANBAG)	4122005				10	I-10	I-15/I-10 Interchange	Ford Street Undercrossing	I10 Express Lane Addition – Express Lane widening to implement two (2) Express Lanes in each direction for a total of 12 lanes including Auxiliary lane widening, undercrossings, overcrossings, and reconstruction of ramps where needed.		2024	1	I-10	25 MILES	I-15/I-10 Interchange	FORD STREET UNDERCROSSING	I10 Express Lane Addition – Express Lane widening to implement two (2) Express Lanes in each direction for a total of 12 lanes including Auxiliary lane widening, undercrossings, overcrossings, and reconstruction of ramps where needed.	8	12		Widen each direction 2 lanes, to accommodate 2 new express lanes each direction. Total of 12 lanes.
San Bernardino	State Highway	SAN BERNARDINO ASSOCIATED GOVERNMENTS (SANBAG)	4122003				10	I-10	Live Oak Canyon Road	Riverside County Line	On I-10 Near Yucapia: add/construct new easbound truck climbing lane from Live Oak Canyon Road to Riverside County Line including transition between county line and Calimesa Blvd.		2025	1	I-10	about 3 miles	Live Oak Canyon Road	Calimesa Blvd.	I-10 Truck Climbing Lane	n/a	1		Includes transition between countyline Calimesa Blvd.
San Bernardino	State Highway	REDLANDS	4M01032				10	I-10	Wabash Av	Interchange	Interchange (PM 23.6-34.2)		2025	1									
San Bernardino	State Highway	SAN BERNARDINO ASSOCIATED GOVERNMENTS (SANBAG)	4120197				10	I-10 @ Alabama			Interchange reconfiguration/new interchange		2025	1									
San Bernardino	State Highway	SAN BERNARDINO ASSOCIATED GOVERNMENTS (SANBAG)	4120200				10	I-10 @ Alder			New interchange I-10 @ Alder		2025	1									
San Bernardino	State Highway	SAN BERNARDINO ASSOCIATED GOVERNMENTS (SANBAG)	4M01027				10	I-10 @ California			Interchange reconfiguration/new interchange		2025	1									
San Bernardino	State Highway	ONTARIO	4M07001				10	I-10 @ Euclid	Euclid Av		IN ONTARIO ON I-10 AT EUCLID AVENUE - WIDEN THE EXIT RAMP FROM 2-3 LANES		2025	1									FROM WESTBOUND SR-60 TO EUCLID AVENUE
San Bernardino	State Highway	SAN BERNARDINO ASSOCIATED GOVERNMENTS (SANBAG)	4120196				10	I-10 @ Monte Vista			Reconstruct interchange I-10 @ Monte Vista		2025	1									
San Bernardino	State Highway	SAN BERNARDINO ASSOCIATED GOVERNMENTS (SANBAG)	4120198				10	I-10 @ Mt. Vernon			Interchange reconfiguration/new interchange		2025	1									
San Bernardino	State Highway	SAN BERNARDINO ASSOCIATED GOVERNMENTS (SANBAG)	4120199				10	I-10 @ Mtn. View			Interchange reconfiguration/new interchange		2025	1									
San Bernardino	State Highway	SAN BERNARDINO ASSOCIATED GOVERNMENTS (SANBAG)	4M07003				10	I-10 @ University			Interchange reconfiguration/new interchange		2025	1									

POAQC Determination



Lists of PM hot spot interagency review forms, qualitative analyses and quantitative analyses

SEARCH BY: SEARCH

June 2014

PM Hot Spot Analysis Project Lists

Review of PM Hot Spot Interagency Review Forms

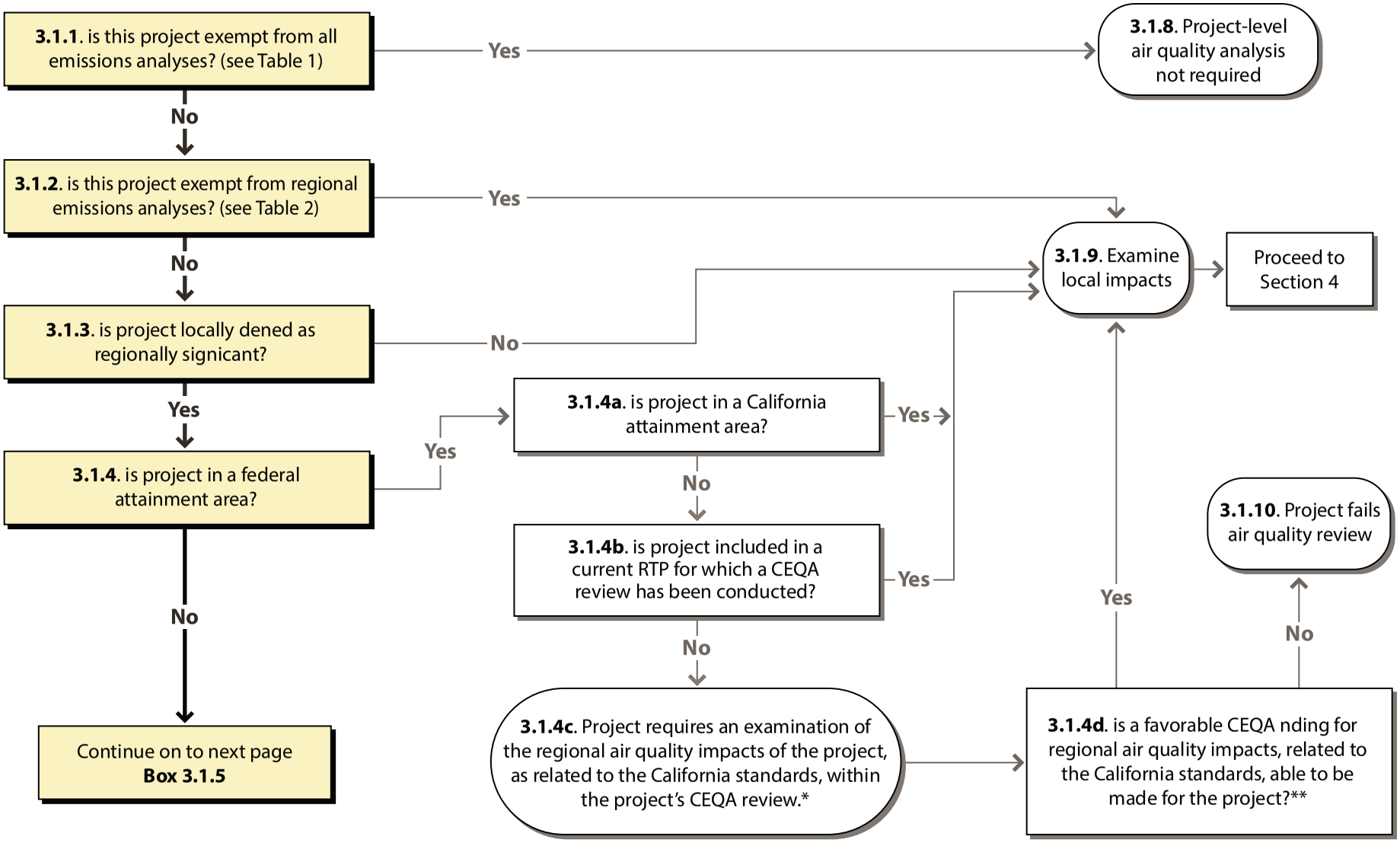
June, 2014		Determination
4H01001 June 2014	I-10 Corridor Project	Not a POAQC - Hot Spot Analysis Not Required (FHWA concurrence received via email after the meeting)
ORA111207 June 2014		
18790 June 2014 Figures 18790 June 2014 Revised		

Source: Website of Southern California Association of Governments (SCAG), Link: http://www.scag.ca.gov/programs/Pages/ProjectLevel.aspx#, Accessed: 02/18/2016

Flow Chart of

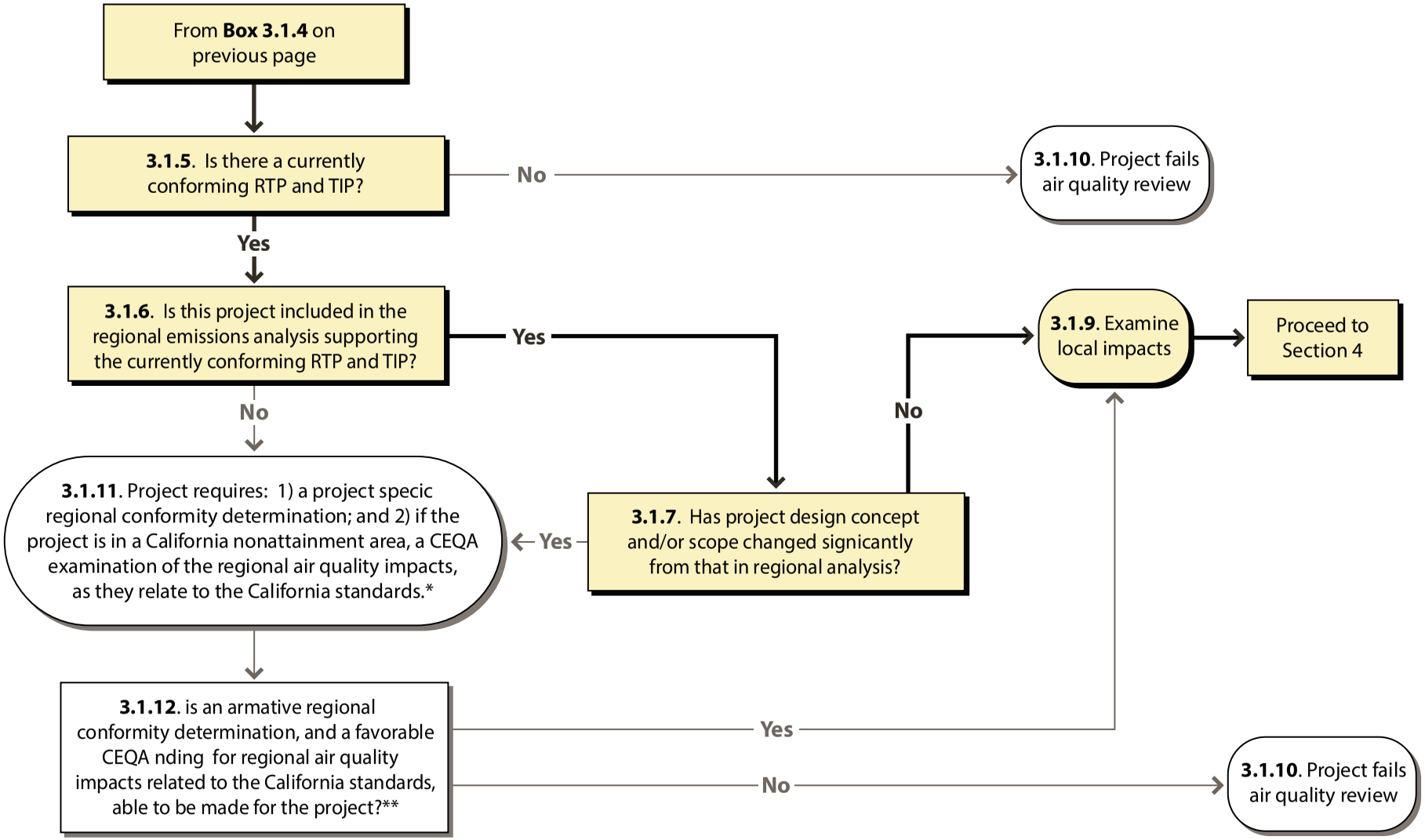
Transportation Project-Level Carbon Monoxide Protocol

REQUIREMENTS FOR NEW PROJECTS



Indicates Selected Choice in Worksheet Methodology.

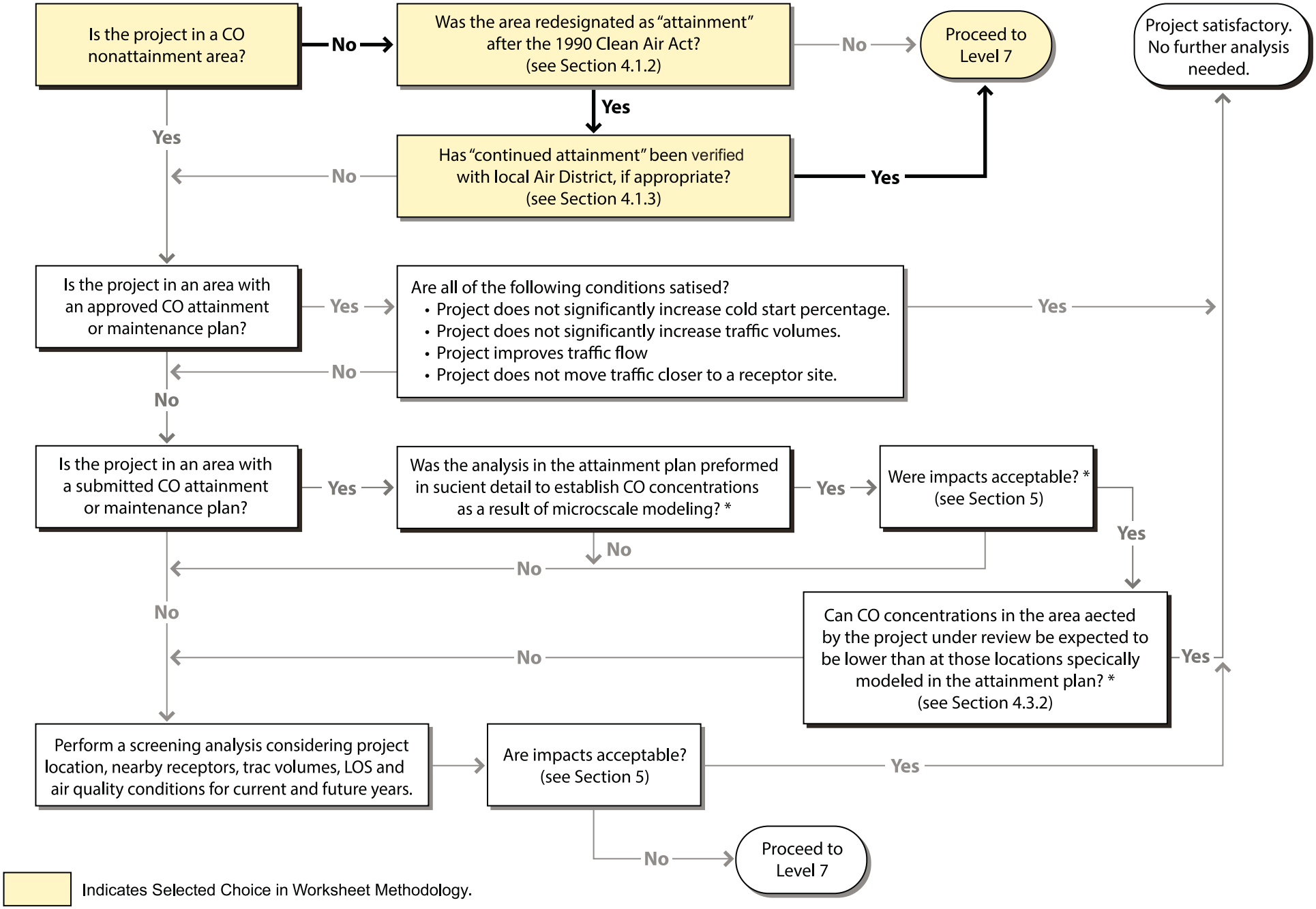
REQUIREMENTS FOR NEW PROJECTS



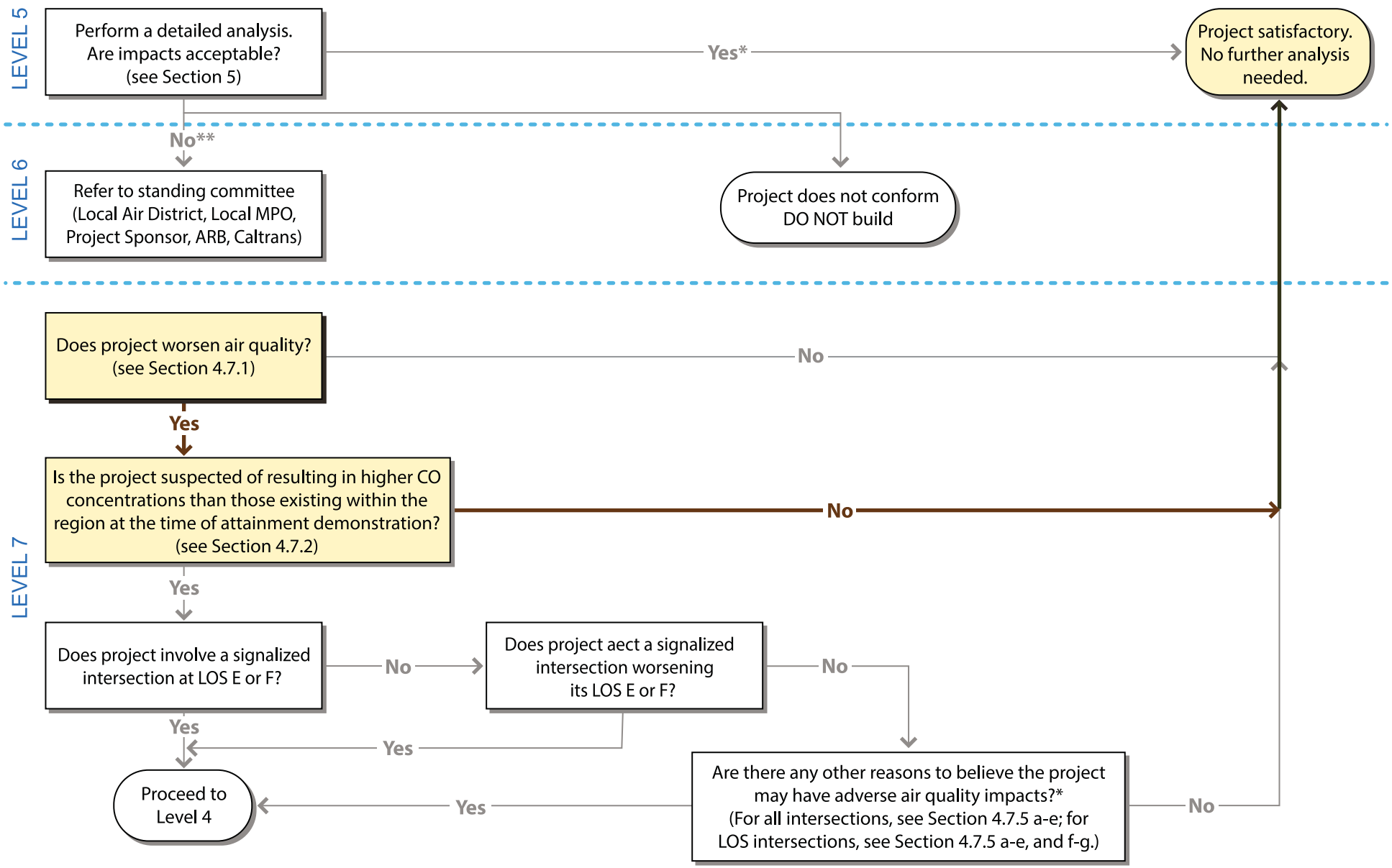
* In consultation w/MPO and Caltrans
** In consultation w/MPO, local air district, CARB and Caltrans

Indicates Selected Choice in Worksheet Methodology.

LOCAL CO ANALYSIS



LOCAL CO ANALYSIS



* Consultation with MPO and Local Air District required in addition to normal NEPA/CEQA requirements.
** Consultation with MPO, Local Air District, CARB and Caltrans (District & Headquarters) required in addition to normal NEPA/CEQA.

Indicates Selected Choice in Worksheet Methodology.

Construction Emissions

Alternative 2

Emissions Summary

Road Construction Emissions Model, Version 7.1.5.1

Emission Estimates for -> I-10 Improvements Project Project Phases (English Units)	ROG (lbs/day)	CO (lbs/day)	NOx (lbs/day)	Total PM10 (lbs/day)	Exhaust PM10 (lbs/day)	Fugitive Dust PM10 (lbs/day)	Total PM2.5 (lbs/day)	Exhaust PM2.5 (lbs/day)	Fugitive Dust PM2.5 (lbs/day)	CO2 (lbs/day)
Grubbing/Land Clearing	9.4	75.4	121.8	404.8	4.8	400.0	87.1	3.9	83.2	24,046.6
Grading/Excavation	37.9	259.7	414.7	418.7	18.7	400.0	99.8	16.6	83.2	64,382.3
Drainage/Utilities/Sub-Grade	26.3	205.3	239.4	412.4	12.4	400.0	94.3	11.1	83.2	43,835.4
Paving	7.5	84.6	63.4	3.7	3.7	-	3.2	3.2	-	17,313.5
Maximum (pounds/day)	37.9	259.7	414.7	418.7	18.7	400.0	99.8	16.6	83.2	64,382.3
Total (tons/construction project)	12.2	90.5	125.4	163.0	5.9	157.1	37.9	5.3	32.7	21,296.8

Notes: Project Start Year -> 2019
Project Length (months) -> 42
Total Project Area (acres) -> 360
Maximum Area Disturbed/Day (acres) -> 40
Total Soil Imported/Exported (yd^3/day)-> 200

PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.

Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L.

Emission Estimates for -> I-10 Improvements Project Project Phases (Metric Units)	ROG (kgs/day)	CO (kgs/day)	NOx (kgs/day)	Total PM10 (kgs/day)	Exhaust PM10 (kgs/day)	Fugitive Dust PM10 (kgs/day)	Total PM2.5 (kgs/day)	Exhaust PM2.5 (kgs/day)	Fugitive Dust PM2.5 (kgs/day)	CO2 (kgs/day)
Grubbing/Land Clearing	4.3	34.3	55.4	184.0	2.2	181.8	39.6	1.8	37.8	10,930.3
Grading/Excavation	17.2	118.1	188.5	190.3	8.5	181.8	45.4	7.5	37.8	29,264.7
Drainage/Utilities/Sub-Grade	11.9	93.3	108.8	187.5	5.7	181.8	42.8	5.0	37.8	19,925.2
Paving	3.4	38.4	28.8	1.7	1.7	-	1.4	1.4	-	7,869.8
Maximum (kilograms/day)	17.2	118.1	188.5	190.3	8.5	181.8	45.4	7.5	37.8	29,264.7
Total (megagrams/construction project)	11.1	82.1	113.7	147.9	5.4	142.5	34.4	4.8	29.6	19,316.8

Notes: Project Start Year -> 2019
Project Length (months) -> 42
Total Project Area (hectares) -> 146
Maximum Area Disturbed/Day (hectares) -> 16
Total Soil Imported/Exported (meters ^{3}/day)-> 153

PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.

Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sume of exhaust and fugitive dust emissions shown in columns K and L.

Alternative 2

Modeling Assumptions

Road Construction Emissions Model
Data Entry Worksheet

Version 7.1.5.1

Note: Required data input sections have a yellow background.
Optional data input sections have a blue background. Only areas with a yellow or blue background can be modified. Program defaults have a white background.
The user is required to enter information in cells C10 through C25.

SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT

Input Type

Project Name	I-10 Improvements Project	
Construction Start Year	2019	Enter a Year between 2009 and 2025 (inclusive)
Project Type	2	1 New Road Construction 2 Road Widening 3 Bridge/Overpass Construction
Project Construction Time	42.00	months
Predominant Soil/Site Type: Enter 1, 2, or 3	1	1. Sand Gravel 2. Weathered Rock-Earth 3. Blasted Rock
Project Length	24.90	miles
Total Project Area	360.00	acres
Maximum Area Disturbed/Day	40.00	acres
Water Trucks Used?	1	1. Yes 2. No
Soil Imported	200.00	yd^3/day
Soil Exported	0.00	yd^3/day
Average Truck Capacity	20	yd^3 (assume 20 if unknown)

To begin a new project, click this button to clear data previously entered. This button will only work if you opted not to disable macros when loading this spreadsheet.

The remaining sections of this sheet contain areas that can be modified by the user, although those modifications are optional.

Note: The program's estimates of construction period phase length can be overridden in cells C34 through C37.

Construction Periods	User Override of Construction Months	Program Calculated Months	2005	%	2006	%	2007	%	2008
Grubbing/Land Clearing		4.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading/Excavation		16.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Drainage/Utilities/Sub-Grade		14.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving		6.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	0.00	42.00							

NOTE: soil hauling emissions are included in the Grading/Excavation Construction Period Phase, therefore the Construction Period for Grading/Excavation cannot be zero if hauling is part of the project.

Hauling emission default values can be overridden in cells C45 through C46.

Soil Hauling Emissions

User Input	User Override of Soil Hauling Defaults	Default Values		
Miles/round trip		30		30
Round trips/day		10		10
Vehicle miles traveled/day (calculated)			300	

Hauling Emissions	ROG	NOx	CO	PM10	PM2.5	CO2
Emission rate (grams/mile)	0.15	5.23	0.70	0.16	0.09	1576.19
Emission rate (grams/trip)	0.00	0.00	0.00	0.00	0.00	0.00
Pounds per day	0.10	3.46	0.47	0.10	0.06	1041.54
Tons per contruction period	0.02	0.64	0.09	0.02	0.01	192.48

Worker commute default values can be overridden in cells C60 through C65.

Worker Commute Emissions

	User Override of Worker Commute Default Values	Default Values	
Miles/ one-way trip		20	20
One-way trips/day		2	2
No. of employees: Grubbing/Land Clearing		84	83.75
No. of employees: Grading/Excavation		151	151.25
No. of employees: Drainage/Utilities/Sub-Grade		145	145
No. of employees: Paving		106	106.25

	ROG	NOx	CO	PM10	PM2.5	CO2
Emission rate - Grubbing/Land Clearing (grams/mile)	0.112	0.140	1.291	0.047	0.020	441.739
Emission rate - Grading/Excavation (grams/mile)	0.108	0.134	1.240	0.047	0.020	441.802
Emission rate - Draining/Utilities/Sub-Grade (gr/mile)	0.102	0.121	1.137	0.047	0.020	441.823
Emission rate - Paving (grams/mile)	0.097	0.112	1.059	0.047	0.020	441.774
Emission rate - Grubbing/Land Clearing (grams/trip)	0.382	0.228	3.101	0.004	0.003	95.822
Emission rate - Grading/Excavation (grams/trip)	0.367	0.216	2.953	0.004	0.003	95.887
Emission rate - Draining/Utilities/Sub-Grade (gr/trip)	0.335	0.189	2.639	0.004	0.004	96.023
Emission rate - Paving (grams/trip)	0.311	0.169	2.396	0.004	0.004	96.123
Pounds per day - Grubbing/Land Clearing	0.967	1.119	10.670	0.346	0.146	3294.883
Tons per const. Period - Grub/Land Clear	0.045	0.052	0.493	0.016	0.007	152.224
Pounds per day - Grading/Excavation	1.689	1.930	18.490	0.626	0.264	5951.335
Tons per const. Period - Grading/Excavation	0.312	0.357	3.417	0.116	0.049	1099.807
Pounds per day - Drainage/Utilities/Sub-Grade	1.513	1.673	16.209	0.600	0.253	5705.767
Tons per const. Period - Drain/Util/Sub-Grade	0.245	0.270	2.621	0.097	0.041	922.622
Pounds per day - Paving	1.051	1.129	11.039	0.439	0.185	4180.538
Tons per const. Period - Paving	0.073	0.078	0.765	0.030	0.013	289.711
tons per construction period	0.674	0.757	7.296	0.259	0.109	2464.364

Water truck default values can be overriden in cells C91 through C93 and E91 through E93.

Water Truck Emissions	User Override of Default # Water Trucks	Program Estimate of Number of Water Trucks	User Override of Truck Miles Traveled/Day	Default Values Miles Traveled/Day			
Grubbing/Land Clearing - Exhaust		8		320			2560
Grading/Excavation - Exhaust		8		320			2560
Drainage/Utilities/Subgrade		4		160			640
	ROG	**NOx**	**CO**	**PM10**	**PM2.5**	**CO2**	
Emission rate - Grubbing/Land Clearing (grams/mile)	0.15	5.88	0.69	0.16	0.09	1596.49	
Emission rate - Grading/Excavation (grams/mile)	0.15	5.23	0.70	0.16	0.09	1576.19	
Emission rate - Draining/Utilities/Sub-Grade (gr/mile)	0.17	3.24	0.76	0.15	0.09	1553.33	
Pounds per day - Grubbing/Land Clearing	0.86	33.14	3.90	0.88	0.50	9002.25	
Tons per const. Period - Grub/Land Clear	0.04	1.53	0.18	0.04	0.02	415.90	
Pound per day - Grading/Excavation	0.87	29.50	3.97	0.88	0.50	8887.77	
Tons per const. Period - Grading/Excavation	0.16	5.45	0.73	0.16	0.09	1642.46	
Pound per day - Drainage/Utilities/Subgrade	0.23	4.57	1.07	0.22	0.12	2189.72	
Tons per const. Period - Drainage/Utilities/Subgrade	0.04	0.74	0.17	0.04	0.02	354.08	

Fugitive dust default values can be overridden in cells C110 through C112.

Fugitive Dust	User Override of Max Acreage Disturbed/Day	Default Maximum Acreage/Day	PM10 pounds/day	PM10 tons/per period	PM2.5 pounds/day	PM2.5 tons/per period
Fugitive Dust - Grubbing/Land Clearing		40	400.0	18.5	83.2	3.8
Fugitive Dust - Grading/Excavation		40	400.0	73.9	83.2	15.4
Fugitive Dust - Drainage/Utilities/Subgrade		40	400.0	64.7	83.2	13.5

Off-Road Equipment Emissions

Grubbing/Land Clearing Override of Default Number of Vehicles	Default Number of Vehicles *Program-estimate*	Type	ROG pounds/day	CO pounds/day	NOx pounds/day	PM10 pounds/day	PM2.5 pounds/day	CO2 pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
	8	Crawler Tractors	5.00	35.74	62.59	2.36	2.17	6595.75
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	9	Excavators	2.54	25.09	24.95	1.20	1.11	5153.73
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Scrapers	0.00	0.00	0.00	0.00	0.00	0.00
0.00	50	Signal Boards	0.00	0.00	0.00	0.00	0.00	0.00
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Grubbing/Land Clearing	pounds per day	7.5	60.8	87.5	3.6	3.3	11749.5
	Grubbing/Land Clearing	tons per phase	0.3	2.8	4.0	0.2	0.2	542.8

Grading/Excavation	Default Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	*Program-estimate*	Type	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
	7	Cranes	3.40	21.03	38.63	1.61	1.49	4211.78
	8	Crawler Tractors	4.86	35.74	60.30	2.27	2.09	6595.77
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	10	Excavators	2.73	27.88	26.23	1.27	1.17	5727.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
	9	Graders	6.95	31.13	65.17	3.64	3.35	5999.66
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
	9	Rollers	2.03	13.58	19.26	1.25	1.15	2515.09
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
	8	Rubber Tired Loaders	3.19	24.91	36.38	1.21	1.12	5299.31
	9	Scrapers	9.57	65.29	109.44	4.28	3.94	14470.98
0.00	50	Signal Boards	0.00	0.00	0.00	0.00	0.00	0.00
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
	11	Tractors/Loaders/Backhoes	2.55	17.24	24.45	1.59	1.46	3682.12
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Grading/Excavation	pounds per day	35.3	236.8	379.9	17.1	15.8	48501.7
	Grading	tons per phase	6.5	43.8	70.2	3.2	2.9	8963.1

Drainage/Utilities/Subgrade Override of Default Number of Vehicles	Default Number of Vehicles *Program-estimate*		ROG pounds/day	CO pounds/day	NOx pounds/day	PM10 pounds/day	PM2.5 pounds/day	CO2 pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
	8	Air Compressors	3.38	26.41	23.51	1.52	1.40	4063.56
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crawler Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
	8	Generator Sets	2.40	23.15	21.08	1.17	1.08	3896.53
	8	Graders	5.46	27.69	50.14	2.80	2.57	5335.45
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	8	Plate Compactors	0.32	1.68	2.01	0.08	0.07	275.59
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
	8	Pumps	2.08	19.12	17.39	1.01	0.92	3169.13
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
	8	Rough Terrain Forklifts	1.06	16.22	13.20	0.52	0.48	2983.03
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
	8	Scrapers	7.81	58.06	86.40	3.36	3.09	12868.55
0.00	50	Signal Boards	0.00	0.00	0.00	0.00	0.00	0.00
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
	10	Tractors/Loaders/Backhoes	2.02	15.68	19.47	1.17	1.07	3348.09
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Drainage	pounds per day	24.5	188.0	233.2	11.6	10.7	35939.9
	Drainage	tons per phase	4.0	30.4	37.7	1.9	1.7	5811.5

Paving	Default Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	*Program-estimate*	Type	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crawler Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	8	Pavers	1.67	22.72	16.23	0.77	0.71	3856.09
	8	Paving Equipment	1.46	21.54	13.63	0.67	0.61	3409.33
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
	9	Rollers	1.57	13.58	15.51	0.90	0.82	2515.58
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Scrapers	0.00	0.00	0.00	0.00	0.00	0.00
0.00	50	Signal Boards	0.00	0.00	0.00	0.00	0.00	0.00
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
	10	Tractors/Loaders/Backhoes	1.74	15.70	16.94	0.92	0.84	3351.98
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Paving	pounds per day	6.4	73.5	62.3	3.2	3.0	13133.0
	Paving	tons per phase	0.4	5.1	4.3	0.2	0.2	910.1
Total Emissions all Phases (tons per construction period) =>			11.3	82.1	116.3	5.4	5.0	16227.5

Equipment default values for horsepower and hours/day can be overridden in cells C289 through C322 and E289 through E322.

Equipment		Default Values Horsepower		Default Values Hours/day
Aerial Lifts		63		8
Air Compressors		106		8
Bore/Drill Rigs		206		8
Cement and Mortar Mixers		10		8
Concrete/Industrial Saws		64		8
Cranes		226		8
Crawler Tractors		208		8
Crushing/Proc. Equipment		142		8
Excavators		163		8
Forklifts		89		8
Generator Sets		66		8
Graders		175		8
Off-Highway Tractors		123		8
Off-Highway Trucks		400		8
Other Construction Equipment		172		8
Other General Industrial Equipment		88		8
Other Material Handling Equipment		167		8
Pavers		126		8
Paving Equipment		131		8
Plate Compactors		8		8
Pressure Washers		26		8
Pumps		53		8
Rollers		81		8
Rough Terrain Forklifts		100		8
Rubber Tired Dozers		255		8
Rubber Tired Loaders		200		8
Scrapers		362		8
Signal Boards		20		8
Skid Steer Loaders		65		8
Surfacing Equipment		254		8
Sweepers/Scrubbers		64		8
Tractors/Loaders/Backhoes		98		8
Trenchers		81		8
Welders		45		8

0

END OF DATA ENTRY SHEET

Alternative 3

Emissions Summary

Road Construction Emissions Model, Version 7.1.5.1

Emission Estimates for -> I-10 Improvements Project Project Phases (English Units)	ROG (lbs/day)	CO (lbs/day)	NOx (lbs/day)	Total PM10 (lbs/day)	Exhaust PM10 (lbs/day)	Fugitive Dust PM10 (lbs/day)	Total PM2.5 (lbs/day)	Exhaust PM2.5 (lbs/day)	Fugitive Dust PM2.5 (lbs/day)	CO2 (lbs/day)
Grubbing/Land Clearing	9.5	77.3	122.0	404.9	4.9	400.0	87.2	4.0	83.2	24,636.7
Grading/Excavation	37.1	262.2	401.7	418.2	18.2	400.0	99.2	16.0	83.2	67,501.6
Drainage/Utilities/Sub-Grade	23.8	205.6	208.9	410.7	10.7	400.0	92.7	9.5	83.2	44,438.1
Paving	7.1	85.4	57.9	3.3	3.3	-	2.8	2.8	-	17,906.9
Maximum (pounds/day)	37.1	262.2	401.7	418.2	18.2	400.0	99.2	16.0	83.2	67,501.6
Total (tons/construction project)	16.6	130.3	168.1	232.3	7.9	224.4	53.6	6.9	46.7	31,484.4

Notes: Project Start Year -> 2019
Project Length (months) -> 60
Total Project Area (acres) -> 432
Maximum Area Disturbed/Day (acres) -> 40
Total Soil Imported/Exported (yd^3/day)-> 700

PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.

Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L.

Emission Estimates for -> I-10 Improvements Project Project Phases (Metric Units)	ROG (kgs/day)	CO (kgs/day)	NOx (kgs/day)	Total PM10 (kgs/day)	Exhaust PM10 (kgs/day)	Fugitive Dust PM10 (kgs/day)	Total PM2.5 (kgs/day)	Exhaust PM2.5 (kgs/day)	Fugitive Dust PM2.5 (kgs/day)	CO2 (kgs/day)
Grubbing/Land Clearing	4.3	35.1	55.5	184.0	2.2	181.8	39.6	1.8	37.8	11,198.5
Grading/Excavation	16.9	119.2	182.6	190.1	8.3	181.8	45.1	7.3	37.8	30,682.6
Drainage/Utilities/Sub-Grade	10.8	93.4	95.0	186.7	4.9	181.8	42.1	4.3	37.8	20,199.1
Paving	3.2	38.8	26.3	1.5	1.5	-	1.3	1.3	-	8,139.5
Maximum (kilograms/day)	16.9	119.2	182.6	190.1	8.3	181.8	45.1	7.3	37.8	30,682.6
Total (megagrams/construction project)	15.1	118.2	152.5	210.7	7.2	203.5	48.6	6.3	42.3	28,557.3

Notes: Project Start Year -> 2019
Project Length (months) -> 60
Total Project Area (hectares) -> 175
Maximum Area Disturbed/Day (hectares) -> 16
Total Soil Imported/Exported ($meters^3$/day)-> 535

PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.

Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sume of exhaust and fugitive dust emissions shown in columns K and L.

Alternative 3

Modeling Assumptions

Road Construction Emissions Model
Data Entry Worksheet

Version 7.1.5.1

Note: Required data input sections have a yellow background.
Optional data input sections have a blue background. Only areas with a yellow or blue background can be modified. Program defaults have a white background.
The user is required to enter information in cells C10 through C25.

Input Type

Project Name	I-10 Improvements Project	
Construction Start Year	2019	Enter a Year between 2009 and 2025 (inclusive)
Project Type	2	1 New Road Construction 2 Road Widening 3 Bridge/Overpass Construction
Project Construction Time	60.00	months
Predominant Soil/Site Type: Enter 1, 2, or 3	1	1. Sand Gravel 2. Weathered Rock-Earth 3. Blasted Rock
Project Length	31.00	miles
Total Project Area	432.00	acres
Maximum Area Disturbed/Day	40.00	acres
Water Trucks Used?	1	1. Yes 2. No
Soil Imported	700.00	yd^3/day
Soil Exported	0.00	yd^3/day
Average Truck Capacity	20	yd^3 (assume 20 if unknown)

To begin a new project, click this button to clear data previously entered. This button will only work if you opted not to disable macros when loading this spreadsheet.

The remaining sections of this sheet contain areas that can be modified by the user, although those modifications are optional.

Note: The program's estimates of construction period phase length can be overridden in cells C34 through C37.

Construction Periods	User Override of Construction Months	Program Calculated Months
Grubbing/Land Clearing		6.00
Grading/Excavation		24.00
Drainage/Utilities/Sub-Grade		21.00
Paving		9.00
Totals	0.00	60.00

2005	%	2006	%	2007	%	2008
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

NOTE: soil hauling emissions are included in the Grading/Excavation Construction Period Phase, therefore the Construction Period for Grading/Excavation cannot be zero if hauling is part of the project.

Hauling emission default values can be overridden in cells C45 through C46.

Soil Hauling Emissions

User Input	User Override of Soil Hauling Defaults	Default Values		
Miles/round trip		30		30
Round trips/day		35		35
Vehicle miles traveled/day (calculated)			1050	

Hauling Emissions	ROG	NOx	CO	PM10	PM2.5	CO2
Emission rate (grams/mile)	0.16	4.52	0.72	0.15	0.09	1566.42
Emission rate (grams/trip)	0.00	0.00	0.00	0.00	0.00	0.00
Pounds per day	0.37	10.46	1.67	0.36	0.20	3622.77
Tons per contruction period	0.10	2.76	0.44	0.09	0.05	956.41

Worker commute default values can be overridden in cells C60 through C65.

Worker Commute Emissions

	User Override of Worker Commute Default Values	Default Values	
Miles/ one-way trip		20	20
One-way trips/day		2	2
No. of employees: Grubbing/Land Clearing		99	98.75
No. of employees: Grading/Excavation		166	166.25
No. of employees: Drainage/Utilities/Sub-Grade		160	160
No. of employees: Paving		121	121.25

	ROG	NOx	CO	PM10	PM2.5	CO2
Emission rate - Grubbing/Land Clearing (grams/mile)	0.112	0.140	1.291	0.047	0.020	441.739
Emission rate - Grading/Excavation (grams/mile)	0.106	0.129	1.201	0.047	0.020	441.816
Emission rate - Draining/Utilities/Sub-Grade (gr/mile)	0.097	0.113	1.067	0.047	0.020	441.776
Emission rate - Paving (grams/mile)	0.093	0.105	0.999	0.047	0.020	441.716
Emission rate - Grubbing/Land Clearing (grams/trip)	0.382	0.228	3.101	0.004	0.003	95.822
Emission rate - Grading/Excavation (grams/trip)	0.355	0.206	2.835	0.004	0.004	95.938
Emission rate - Draining/Utilities/Sub-Grade (gr/trip)	0.313	0.171	2.419	0.004	0.004	96.113
Emission rate - Paving (grams/trip)	0.292	0.154	2.207	0.004	0.004	96.196
Pounds per day - Grubbing/Land Clearing	1.140	1.319	12.581	0.408	0.172	3885.012
Tons per const. Period - Grub/Land Clear	0.075	0.087	0.830	0.027	0.011	256.411
Pounds per day - Grading/Excavation	1.810	2.045	19.668	0.688	0.290	6541.800
Tons per const. Period - Grading/Excavation	0.478	0.540	5.192	0.182	0.076	1727.035
Pounds per day - Drainage/Utilities/Sub-Grade	1.591	1.714	16.744	0.662	0.279	6295.423
Tons per const. Period - Drain/Util/Sub-Grade	0.368	0.396	3.868	0.153	0.064	1454.243
Pounds per day - Paving	1.149	1.204	11.850	0.501	0.211	4770.160
Tons per const. Period - Paving	0.114	0.119	1.173	0.050	0.021	472.246
tons per construction period	1.035	1.142	11.064	0.411	0.173	3909.935

Water truck default values can be overriden in cells C91 through C93 and E91 through E93.

Water Truck Emissions	User Override of Default # Water Trucks	Program Estimate of Number of Water Trucks	User Override of Truck Miles Traveled/Day	Default Values Miles Traveled/Day			
Grubbing/Land Clearing - Exhaust		8		320			2560
Grading/Excavation - Exhaust		8		320			2560
Drainage/Utilities/Subgrade		4		160			640
	ROG	**NOx**	**CO**	**PM10**	**PM2.5**	**CO2**	
Emission rate - Grubbing/Land Clearing (grams/mile)	0.15	5.88	0.69	0.16	0.09	1596.49	
Emission rate - Grading/Excavation (grams/mile)	0.16	4.52	0.72	0.15	0.09	1566.42	
Emission rate - Draining/Utilities/Sub-Grade (gr/mile)	0.17	2.03	0.80	0.15	0.08	1547.52	
Pounds per day - Grubbing/Land Clearing	0.86	33.14	3.90	0.88	0.50	9002.25	
Tons per const. Period - Grub/Land Clear	0.06	2.19	0.26	0.06	0.03	594.15	
Pound per day - Grading/Excavation	0.89	25.51	4.07	0.87	0.50	8832.65	
Tons per const. Period - Grading/Excavation	0.24	6.73	1.08	0.23	0.13	2331.82	
Pound per day - Drainage/Utilities/Subgrade	0.25	2.86	1.13	0.21	0.12	2181.52	
Tons per const. Period - Drainage/Utilities/Subgrade	0.06	0.66	0.26	0.05	0.03	503.93	

Fugitive dust default values can be overridden in cells C110 through C112.

Fugitive Dust	User Override of Max Acreage Disturbed/Day	Default Maximum Acreage/Day	PM10 pounds/day	PM10 tons/per period	PM2.5 pounds/day	PM2.5 tons/per period
Fugitive Dust - Grubbing/Land Clearing		40	400.0	26.4	83.2	5.5
Fugitive Dust - Grading/Excavation		40	400.0	105.6	83.2	22.0
Fugitive Dust - Drainage/Utilities/Subgrade		40	400.0	92.4	83.2	19.2

Off-Road Equipment Emissions

Grubbing/Land Clearing Override of Default Number of Vehicles	Default Number of Vehicles *Program-estimate*	Type	ROG pounds/day	CO pounds/day	NOx pounds/day	PM10 pounds/day	PM2.5 pounds/day	CO2 pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
	8	Crawler Tractors	5.00	35.74	62.59	2.36	2.17	6595.75
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	9	Excavators	2.54	25.09	24.95	1.20	1.11	5153.73
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Scrapers	0.00	0.00	0.00	0.00	0.00	0.00
0.00	62	Signal Boards	0.00	0.00	0.00	0.00	0.00	0.00
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Grubbing/Land Clearing	pounds per day	7.5	60.8	87.5	3.6	3.3	11749.5
	Grubbing/Land Clearing	tons per phase	0.5	4.0	5.8	0.2	0.2	775.5

Grading/Excavation	Default Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	*Program-estimate*	Type	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
	7	Cranes	3.25	21.03	36.81	1.52	1.40	4211.68
	8	Crawler Tractors	4.75	35.74	58.44	2.20	2.03	6595.71
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	10	Excavators	2.65	27.88	24.97	1.21	1.11	5727.47
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
	9	Graders	6.66	31.14	62.04	3.46	3.19	6000.20
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
	9	Rollers	1.95	13.58	18.60	1.18	1.09	2515.21
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
	8	Rubber Tired Loaders	3.08	24.91	34.59	1.15	1.06	5299.09
	9	Scrapers	9.27	65.30	104.88	4.09	3.77	14472.78
0.00	62	Signal Boards	0.00	0.00	0.00	0.00	0.00	0.00
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
	11	Tractors/Loaders/Backhoes	2.43	17.24	23.32	1.48	1.36	3682.29
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Grading/Excavation	pounds per day	34.0	236.8	363.7	16.3	15.0	48504.4
	Grading	tons per phase	9.0	62.5	96.0	4.3	4.0	12805.2

Drainage/Utilities/Subgrade Override of Default Number of Vehicles	Default Number of Vehicles *Program-estimate*		ROG pounds/day	CO pounds/day	NOx pounds/day	PM10 pounds/day	PM2.5 pounds/day	CO2 pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
	8	Air Compressors	3.07	26.22	21.25	1.28	1.18	4063.56
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crawler Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
	8	Generator Sets	2.16	23.03	19.12	1.00	0.92	3896.53
	8	Graders	4.76	27.69	42.75	2.38	2.19	5336.70
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	8	Plate Compactors	0.32	1.68	2.01	0.08	0.07	275.59
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
	8	Pumps	1.87	19.02	15.77	0.86	0.79	3169.13
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
	8	Rough Terrain Forklifts	0.96	16.22	12.15	0.43	0.40	2983.16
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
	8	Scrapers	7.01	58.13	74.01	2.89	2.66	12884.87
0.00	62	Signal Boards	0.00	0.00	0.00	0.00	0.00	0.00
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
	10	Tractors/Loaders/Backhoes	1.78	15.70	17.26	0.95	0.87	3351.62
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Drainage	pounds per day	21.9	187.7	204.3	9.9	9.1	35961.2
	Drainage	tons per phase	5.1	43.4	47.2	2.3	2.1	8307.0

Paving	Default Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	*Program-estimate*	Type	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crawler Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	8	Pavers	1.54	22.72	14.40	0.68	0.62	3855.83
	8	Paving Equipment	1.39	21.54	12.51	0.61	0.56	3409.32
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
	9	Rollers	1.44	13.58	14.39	0.79	0.73	2515.63
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Scrapers	0.00	0.00	0.00	0.00	0.00	0.00
0.00	62	Signal Boards	0.00	0.00	0.00	0.00	0.00	0.00
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
	10	Tractors/Loaders/Backhoes	1.59	15.72	15.43	0.76	0.70	3355.92
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Paving	pounds per day	6.0	73.6	56.7	2.8	2.6	13136.7
	Paving	tons per phase	0.6	7.3	5.6	0.3	0.3	1300.5
Total Emissions all Phases (tons per construction period) =>			15.1	117.2	154.6	7.1	6.5	23188.2

Equipment default values for horsepower and hours/day can be overridden in cells C289 through C322 and E289 through E322.

Equipment		Default Values Horsepower		Default Values Hours/day
Aerial Lifts		63		8
Air Compressors		106		8
Bore/Drill Rigs		206		8
Cement and Mortar Mixers		10		8
Concrete/Industrial Saws		64		8
Cranes		226		8
Crawler Tractors		208		8
Crushing/Proc. Equipment		142		8
Excavators		163		8
Forklifts		89		8
Generator Sets		66		8
Graders		175		8
Off-Highway Tractors		123		8
Off-Highway Trucks		400		8
Other Construction Equipment		172		8
Other General Industrial Equipment		88		8
Other Material Handling Equipment		167		8
Pavers		126		8
Paving Equipment		131		8
Plate Compactors		8		8
Pressure Washers		26		8
Pumps		53		8
Rollers		81		8
Rough Terrain Forklifts		100		8
Rubber Tired Dozers		255		8
Rubber Tired Loaders		200		8
Scrapers		362		8
Signal Boards		20		8
Skid Steer Loaders		65		8
Surfacing Equipment		254		8
Sweepers/Scrubbers		64		8
Tractors/Loaders/Backhoes		98		8
Trenchers		81		8
Welders		45		8

0

END OF DATA ENTRY SHEET

Summary of Project Emissions

By

Year and Alternative

Summary of Calculations

		Length(miles)	VMT (miles/day)			VMT %inc comp. to existing			VMT %inc comp. to no-build		
			Non-Truck	Truck	Total	Non-Truck	Truck	Total	Non-Truck	Truck	Total
2012	EXT	30.4	5,739,476	536,472	6,275,948	-	-	-			
2025	ALT1	30.1	6,459,211	587,841	7,047,052	13%	10%	12%	-	-	-
2025	ALT2	30.1	6,316,300	606,502	6,922,801	10%	13%	10%	-2%	3%	-2%
2025	ALT3	30.1	7,103,978	628,515	7,732,493	24%	17%	23%	10%	7%	10%
2035	ALT1	30.1	7,037,931	606,849	7,644,780	23%	13%	22%	-	-	-
2035	ALT2	30.1	7,178,718	637,604	7,816,322	25%	19%	25%	11%	8%	11%
2035	ALT3	30.1	7,903,743	628,396	8,532,139	38%	17%	36%	22%	7%	21%
2045	ALT1	30.1	7,720,627	665,719	8,386,346	35%	24%	34%	-	-	-
2045	ALT2	30.1	7,875,071	699,452	8,574,523	37%	30%	37%	2%	5%	2%
2045	ALT3	30.1	8,670,402	689,371	9,359,773	51%	29%	49%	12%	4%	12%

PM2.5 and PM10 Emissions for Alternative 1, 2, and 3 and for Years 2012 and 2025

		Emissions (lb/day)		%inc (Com. to Existing)		%inc (Comp. to NoBuild)	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
2012	EXT	2,883	777	-	-	-	-
2025	ALT1	3,040	706	5%	-9%		
2025	ALT2	3,032	704	5%	-9%	-0.3%	-0.4%
2025	ALT3	3,253	761	13%	-2%	7.0%	7.8%
2035	ALT1	3,252	762	13%	-2%		
2035	ALT2	3,332	782	16%	1%	2.5%	2.6%
2035	ALT3	3,458	821	20%	6%	6.3%	7.7%
2045	ALT1	3,545	828	23%	6%		
2045	ALT2	3,633	849	26%	9%	2.5%	2.6%
2045	ALT3	3,767	891	31%	15%	6.3%	7.6%

		Emissions in lb/day - CO2 emissions are in MT/day														
		ROG	TOG	CO	NOx	CO2 (MT)	PavleyI+LCFS)	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
2012	EXT	2260	2706	49169	13807	2,964	2858	72	3	39	101	16	3	2	348	352
2025	ALT1	869	1098	19996	4485	3,310	2422	26	1	15	40	6	2	1	91	155
2025	ALT2	863	1089	19626	4538	3,293	2418	26	1	16	40	6	2	1	96	160
2025	ALT3	964	1216	21851	4897	3,636	2657	29	1	17	43	6	2	1	99	167
2035	ALT1	733	945	18013	3863	3,584	2533	22	1	15	37	5	2	1	95	157
2035	ALT2	753	969	18389	4024	3,687	2613	23	1	16	39	5	2	1	103	164
2035	ALT3	830	1065	19856	4186	3,975	2796	25	1	16	40	5	2	1	102	161
2045	ALT1	804	1036	19760	4237	3,932	2779	25	1	16	41	5	2	1	104	172
2045	ALT2	826	1063	20173	4415	4,045	2866	25	1	17	42	5	3	1	113	180
2045	ALT3	911	1169	21782	4592	4,361	3067	28	1	17	44	6	3	1	112	177

		MSAT Emissions- Comparison between future and existing														
		ROG	TOG	CO	NOx	CO2 (MT)	PavleyI+LCFS)	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
2012	EXT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	ALT1	-62%	-59%	-59%	-68%	12%	-15%	-64%	-65%	-60%	-61%	-65%	-34%	-65%	-74%	-56%
2025	ALT2	-62%	-60%	-60%	-67%	11%	-15%	-64%	-65%	-60%	-60%	-65%	-35%	-64%	-72%	-55%
2025	ALT3	-57%	-55%	-56%	-65%	23%	-7%	-60%	-61%	-57%	-57%	-61%	-28%	-62%	-72%	-53%
2035	ALT1	-68%	-65%	-63%	-72%	21%	-11%	-69%	-70%	-62%	-63%	-70%	-26%	-62%	-73%	-55%
2035	ALT2	-67%	-64%	-63%	-71%	24%	-9%	-68%	-70%	-60%	-62%	-69%	-24%	-60%	-70%	-53%
2035	ALT3	-63%	-61%	-60%	-70%	34%	-2%	-65%	-66%	-59%	-61%	-66%	-18%	-58%	-71%	-54%
2045	ALT1	-64%	-62%	-60%	-69%	33%	-3%	-66%	-67%	-58%	-60%	-67%	-18%	-58%	-70%	-51%
2045	ALT2	-63%	-61%	-59%	-68%	36%	0%	-65%	-67%	-56%	-58%	-66%	-17%	-56%	-68%	-49%
2045	ALT3	-60%	-57%	-56%	-67%	47%	7%	-61%	-62%	-55%	-57%	-62%	-10%	-54%	-68%	-50%

MSAT Emissions- Comparison between build and no-build alternatives												
ROG	TOG	CO	NOx	CO2 (MT)	PavleyI+LCFS)	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG

Summary of Calculations

2012	**EXT**															
2025	**ALT1**															
2025	**ALT2**	-1%	-1%	-2%	1%	-1%	0%	-1%	-1%	2%	1%	-1%	-2%	3%	6%	3%
2025	**ALT3**	11%	11%	9%	9%	10%	10%	11%	12%	9%	9%	11%	9%	9%	9%	7%
2035	**ALT1**															
2035	**ALT2**	3%	3%	2%	4%	3%	3%	3%	2%	4%	4%	2%	2%	5%	8%	5%
2035	**ALT3**	13%	13%	10%	8%	11%	10%	14%	15%	6%	8%	15%	11%	8%	7%	3%
2045	**ALT1**															
2045	**ALT2**	3%	3%	2%	4%	3%	3%	3%	2%	4%	4%	2%	2%	5%	8%	5%
2045	**ALT3**	13%	13%	10%	8%	11%	10%	14%	15%	6%	8%	15%	11%	8%	7%	3%

PM Emissions by Traffic Link

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
438	2025	ALT3	OVR	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1494	0.0390
439	2025	ALT3	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2137	0.0539
440	2025	ALT3	OVR	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1775	0.0449
441	2025	ALT3	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2142	0.0537
442	2025	ALT3	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3888	0.0964
443	2025	ALT3	OVR	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2318	0.0563
444	2025	ALT3	OVR	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1706	0.0424
445	2025	ALT3	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2414	0.0619
446	2025	ALT3	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1570	0.0399
447	2025	ALT3	OVR	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1440	0.0364
448	2025	ALT3	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0913	0.0233
449	2025	ALT3	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0787	0.0200
438	2025	ALT3	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2823	0.0722
439	2025	ALT3	OVR	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.4072	0.1028
440	2025	ALT3	OVR	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2699	0.0673
441	2025	ALT3	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3547	0.0871
442	2025	ALT3	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.8022	0.1994
443	2025	ALT3	OVR	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4494	0.1071
444	2025	ALT3	OVR	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2871	0.0697
445	2025	ALT3	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4500	0.1148
446	2025	ALT3	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2730	0.0685
447	2025	ALT3	OVR	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2474	0.0619
448	2025	ALT3	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1647	0.0419
449	2025	ALT3	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1479	0.0373
438	2025	ALT3	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2481	0.0647
439	2025	ALT3	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3311	0.0849
440	2025	ALT3	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3255	0.0830
441	2025	ALT3	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3120	0.0793
442	2025	ALT3	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.7481	0.1888
443	2025	ALT3	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3893	0.0968
444	2025	ALT3	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2655	0.0674
445	2025	ALT3	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.4077	0.1061
446	2025	ALT3	OVR	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2876	0.0756
447	2025	ALT3	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2344	0.0597
448	2025	ALT3	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1625	0.0417
449	2025	ALT3	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1451	0.0370
438	2025	ALT3	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2074	0.0516
439	2025	ALT3	OVR	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2426	0.0578
440	2025	ALT3	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1819	0.0439
441	2025	ALT3	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2479	0.0574
442	2025	ALT3	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4804	0.1101
443	2025	ALT3	OVR	NT	0.047629123	0.117097765	0.071945858	1.171745577	0.019853838	0.062916436	0.010791879	0.175761837	0.119574981	1.288843342	0.030645717	0.238678273	0.2805	0.0615
444	2025	ALT3	OVR	NT	0.047629123	0.117097765	0.071945858	1.171745577	0.019853838	0.062916436	0.010791879	0.175761837	0.119574981	1.288843342	0.030645717	0.238678273	0.2216	0.0512
445	2025	ALT3	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3001	0.0740
446	2025	ALT3	OVR	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1851	0.0446
447	2025	ALT3	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1646	0.0399
448	2025	ALT3	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0839	0.0206
449	2025	ALT3	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0983	0.0239
438	2025	ALT2	OVR	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1494	0.0390
439	2025	ALT2	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2137	0.0539
440	2025	ALT2	OVR	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1775	0.0449
441	2025	ALT2	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2142	0.0537
442	2025	ALT2	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3888	0.0964
443	2025	ALT2	OVR	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2318	0.0563
444	2025	ALT2	OVR	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1706	0.0424
445	2025	ALT2	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2414	0.0619
446	2025	ALT2	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1570	0.0399
447	2025	ALT2	OVR	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1440	0.0364
448	2025	ALT2	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0913	0.0233
449	2025	ALT2	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0787	0.0200
438	2025	ALT2	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2823	0.0722
439	2025	ALT2	OVR	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.4072	0.1028
440	2025	ALT2	OVR	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2699	0.0673
441	2025	ALT2	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3547	0.0871
442	2025	ALT2	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.8022	0.1994
443	2025	ALT2	OVR	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4494	0.1071

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
444	2025	ALT2	OVR	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2871	0.0697
445	2025	ALT2	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4500	0.1148
446	2025	ALT2	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2730	0.0685
447	2025	ALT2	OVR	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2474	0.0619
448	2025	ALT2	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1647	0.0419
449	2025	ALT2	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1479	0.0373
438	2025	ALT2	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2481	0.0647
439	2025	ALT2	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3311	0.0849
440	2025	ALT2	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3255	0.0830
441	2025	ALT2	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3120	0.0793
442	2025	ALT2	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.7481	0.1888
443	2025	ALT2	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3893	0.0968
444	2025	ALT2	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2655	0.0674
445	2025	ALT2	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.4077	0.1061
446	2025	ALT2	OVR	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2876	0.0756
447	2025	ALT2	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2344	0.0597
448	2025	ALT2	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1625	0.0417
449	2025	ALT2	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1451	0.0370
438	2025	ALT2	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2072	0.0515
439	2025	ALT2	OVR	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2372	0.0564
440	2025	ALT2	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1831	0.0442
441	2025	ALT2	OVR	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2610	0.0612
442	2025	ALT2	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4739	0.1084
443	2025	ALT2	OVR	NT	0.047629123	0.117097765	0.071945858	1.171745577	0.019853838	0.062916436	0.010791879	0.175761837	0.119574981	1.288843342	0.030645717	0.238678273	0.2794	0.0613
444	2025	ALT2	OVR	NT	0.047629123	0.117097765	0.071945858	1.171745577	0.019853838	0.062916436	0.010791879	0.175761837	0.119574981	1.288843342	0.030645717	0.238678273	0.2153	0.0496
445	2025	ALT2	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2964	0.0729
446	2025	ALT2	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1780	0.0425
447	2025	ALT2	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1702	0.0412
448	2025	ALT2	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1022	0.0253
449	2025	ALT2	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0973	0.0236
438	2025	ALT1	OVR	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1470	0.0383
439	2025	ALT1	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2094	0.0527
440	2025	ALT1	OVR	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1629	0.0411
441	2025	ALT1	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2020	0.0508
442	2025	ALT1	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3918	0.0973
443	2025	ALT1	OVR	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2144	0.0520
444	2025	ALT1	OVR	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1691	0.0420
445	2025	ALT1	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2562	0.0657
446	2025	ALT1	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1525	0.0388
447	2025	ALT1	OVR	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1524	0.0385
448	2025	ALT1	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0881	0.0226
449	2025	ALT1	OVR	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0696	0.0177
438	2025	ALT1	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2745	0.0702
439	2025	ALT1	OVR	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3968	0.1001
440	2025	ALT1	OVR	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2525	0.0629
441	2025	ALT1	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3379	0.0833
442	2025	ALT1	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.8226	0.2043
443	2025	ALT1	OVR	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4359	0.1021
444	2025	ALT1	OVR	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2858	0.0695
445	2025	ALT1	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4727	0.1206
446	2025	ALT1	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2653	0.0666
447	2025	ALT1	OVR	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2611	0.0653
448	2025	ALT1	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1700	0.0433
449	2025	ALT1	OVR	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1431	0.0361
438	2025	ALT1	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2377	0.0620
439	2025	ALT1	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3282	0.0838
440	2025	ALT1	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3014	0.0767
441	2025	ALT1	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3121	0.0792
442	2025	ALT1	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.7478	0.1885
443	2025	ALT1	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3807	0.0929
444	2025	ALT1	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2664	0.0668
445	2025	ALT1	OVR	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.4350	0.1131
446	2025	ALT1	OVR	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2767	0.0729
447	2025	ALT1	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2506	0.0639
448	2025	ALT1	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1576	0.0404
449	2025	ALT1	OVR	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1390	0.0355

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
438	2025	ALT1	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2020	0.0502
439	2025	ALT1	OVR	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2389	0.0569
440	2025	ALT1	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1780	0.0429
441	2025	ALT1	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2436	0.0563
442	2025	ALT1	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4889	0.1123
443	2025	ALT1	OVR	NT	0.047629123	0.117097765	0.071945858	1.171745577	0.019853838	0.062916436	0.010791879	0.175761837	0.119574981	1.288843342	0.030645717	0.238678273	0.2723	0.0594
444	2025	ALT1	OVR	NT	0.047629123	0.117097765	0.071945858	1.171745577	0.019853838	0.062916436	0.010791879	0.175761837	0.119574981	1.288843342	0.030645717	0.238678273	0.2206	0.0510
445	2025	ALT1	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3085	0.0761
446	2025	ALT1	OVR	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1807	0.0435
447	2025	ALT1	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1700	0.0412
448	2025	ALT1	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0847	0.0208
449	2025	ALT1	OVR	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0964	0.0234
438	2045	ALT1	OVR	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1675	0.0438
439	2045	ALT1	OVR	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2486	0.0642
440	2045	ALT1	OVR	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2042	0.0512
441	2045	ALT1	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2405	0.0609
442	2045	ALT1	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4596	0.1146
443	2045	ALT1	OVR	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1951	0.0479
444	2045	ALT1	OVR	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1793	0.0446
445	2045	ALT1	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2713	0.0696
446	2045	ALT1	OVR	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1753	0.0452
447	2045	ALT1	OVR	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1773	0.0450
448	2045	ALT1	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0854	0.0216
449	2045	ALT1	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1006	0.0259
438	2045	ALT1	OVR	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3065	0.0796
439	2045	ALT1	OVR	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4626	0.1177
440	2045	ALT1	OVR	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3426	0.0843
441	2045	ALT1	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4090	0.1015
442	2045	ALT1	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.9101	0.2227
443	2045	ALT1	OVR	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.4197	0.0997
444	2045	ALT1	OVR	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3092	0.0747
445	2045	ALT1	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4807	0.1222
446	2045	ALT1	OVR	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2941	0.0747
447	2045	ALT1	OVR	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2959	0.0744
448	2045	ALT1	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1980	0.0497
449	2045	ALT1	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1906	0.0488
438	2045	ALT1	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2725	0.0727
439	2045	ALT1	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3860	0.1018
440	2045	ALT1	OVR	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3548	0.0900
441	2045	ALT1	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3879	0.1013
442	2045	ALT1	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.8068	0.2052
443	2045	ALT1	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3766	0.0951
444	2045	ALT1	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2631	0.0678
445	2045	ALT1	OVR	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4305	0.1106
446	2045	ALT1	OVR	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3166	0.0864
447	2045	ALT1	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2778	0.0719
448	2045	ALT1	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1898	0.0499
449	2045	ALT1	OVR	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1805	0.0464
438	2045	ALT1	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2248	0.0561
439	2045	ALT1	OVR	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2844	0.0681
440	2045	ALT1	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2242	0.0535
441	2045	ALT1	OVR	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2788	0.0661
442	2045	ALT1	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.5329	0.1210
443	2045	ALT1	OVR	NT	0.04765416	0.117687871	0.071945858	1.171745577	0.019880674	0.06298802	0.010791879	0.175761837	0.119600018	1.289433448	0.030672553	0.238749857	0.2857	0.0628
444	2045	ALT1	OVR	NT	0.04765416	0.117687871	0.071945858	1.171745577	0.019880674	0.06298802	0.010791879	0.175761837	0.119600018	1.289433448	0.030672553	0.238749857	0.2715	0.0628
445	2045	ALT1	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3284	0.0804
446	2045	ALT1	OVR	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1906	0.0461
447	2045	ALT1	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1899	0.0463
448	2045	ALT1	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1343	0.0322
449	2045	ALT1	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0915	0.0228
438	2045	ALT2	OVR	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1695	0.0443
439	2045	ALT2	OVR	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2557	0.0660
440	2045	ALT2	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2166	0.0548
441	2045	ALT2	OVR	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2546	0.0656
442	2045	ALT2	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4426	0.1102
443	2045	ALT2	OVR	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2076	0.0510

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
444	2045	ALT2	OVR	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1778	0.0442
445	2045	ALT2	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2714	0.0695
446	2045	ALT2	OVR	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1738	0.0447
447	2045	ALT2	OVR	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1783	0.0452
448	2045	ALT2	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0946	0.0240
449	2045	ALT2	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1052	0.0270
438	2045	ALT2	OVR	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3101	0.0804
439	2045	ALT2	OVR	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4763	0.1213
440	2045	ALT2	OVR	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3484	0.0860
441	2045	ALT2	OVR	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4384	0.1112
442	2045	ALT2	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.9035	0.2204
443	2045	ALT2	OVR	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.4149	0.0986
444	2045	ALT2	OVR	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3107	0.0748
445	2045	ALT2	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4800	0.1219
446	2045	ALT2	OVR	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2921	0.0741
447	2045	ALT2	OVR	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2964	0.0744
448	2045	ALT2	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1997	0.0501
449	2045	ALT2	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2089	0.0536
438	2045	ALT2	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2734	0.0730
439	2045	ALT2	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3963	0.1046
440	2045	ALT2	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3857	0.0997
441	2045	ALT2	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4082	0.1072
442	2045	ALT2	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.7977	0.2030
443	2045	ALT2	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3851	0.0972
444	2045	ALT2	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2634	0.0677
445	2045	ALT2	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4434	0.1154
446	2045	ALT2	OVR	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3214	0.0877
447	2045	ALT2	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2873	0.0744
448	2045	ALT2	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1926	0.0506
449	2045	ALT2	OVR	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1809	0.0465
438	2045	ALT2	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2302	0.0574
439	2045	ALT2	OVR	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2829	0.0677
440	2045	ALT2	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2301	0.0549
441	2045	ALT2	OVR	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2976	0.0710
442	2045	ALT2	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.5160	0.1166
443	2045	ALT2	OVR	NT	0.04765416	0.117687871	0.071945858	1.171745577	0.019880674	0.06298802	0.010791879	0.175761837	0.119600018	1.289433448	0.030672553	0.238749857	0.2892	0.0638
444	2045	ALT2	OVR	NT	0.04765416	0.117687871	0.071945858	1.171745577	0.019880674	0.06298802	0.010791879	0.175761837	0.119600018	1.289433448	0.030672553	0.238749857	0.2689	0.0620
445	2045	ALT2	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3204	0.0783
446	2045	ALT2	OVR	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1881	0.0454
447	2045	ALT2	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1893	0.0461
448	2045	ALT2	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1357	0.0326
449	2045	ALT2	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1162	0.0291
438	2045	ALT3	OVR	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1686	0.0441
439	2045	ALT3	OVR	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2578	0.0666
440	2045	ALT3	OVR	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2105	0.0528
441	2045	ALT3	OVR	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2530	0.0651
442	2045	ALT3	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4565	0.1138
443	2045	ALT3	OVR	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2159	0.0532
444	2045	ALT3	OVR	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1782	0.0443
445	2045	ALT3	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2727	0.0699
446	2045	ALT3	OVR	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1738	0.0448
447	2045	ALT3	OVR	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1788	0.0453
448	2045	ALT3	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0957	0.0242
449	2045	ALT3	OVR	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1036	0.0266
438	2045	ALT3	OVR	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3095	0.0805
439	2045	ALT3	OVR	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4830	0.1231
440	2045	ALT3	OVR	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3389	0.0836
441	2045	ALT3	OVR	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4202	0.1060
442	2045	ALT3	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.9049	0.2217
443	2045	ALT3	OVR	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.4310	0.1043
444	2045	ALT3	OVR	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3100	0.0749
445	2045	ALT3	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4788	0.1217
446	2045	ALT3	OVR	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2968	0.0754
447	2045	ALT3	OVR	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3001	0.0754
448	2045	ALT3	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1963	0.0492
449	2045	ALT3	OVR	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1902	0.0487

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
438	2045	ALT3	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2806	0.0750
439	2045	ALT3	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3908	0.1030
440	2045	ALT3	OVR	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3517	0.0896
441	2045	ALT3	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4055	0.1061
442	2045	ALT3	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.7950	0.2023
443	2045	ALT3	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4070	0.1054
444	2045	ALT3	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2601	0.0669
445	2045	ALT3	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4472	0.1163
446	2045	ALT3	OVR	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3225	0.0880
447	2045	ALT3	OVR	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2948	0.0763
448	2045	ALT3	OVR	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1880	0.0494
449	2045	ALT3	OVR	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1854	0.0477
438	2045	ALT3	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2306	0.0576
439	2045	ALT3	OVR	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2873	0.0689
440	2045	ALT3	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2273	0.0543
441	2045	ALT3	OVR	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2806	0.0666
442	2045	ALT3	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.5230	0.1184
443	2045	ALT3	OVR	NT	0.04765416	0.117687871	0.071945858	1.171745577	0.019880674	0.06298802	0.010791879	0.175761837	0.119600018	1.289433448	0.030672553	0.238749857	0.2932	0.0648
444	2045	ALT3	OVR	NT	0.04765416	0.117687871	0.071945858	1.171745577	0.019880674	0.06298802	0.010791879	0.175761837	0.119600018	1.289433448	0.030672553	0.238749857	0.2717	0.0628
445	2045	ALT3	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3270	0.0801
446	2045	ALT3	OVR	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1924	0.0466
447	2045	ALT3	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1903	0.0463
448	2045	ALT3	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1346	0.0323
449	2045	ALT3	OVR	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0926	0.0230
1	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.1005	0.5644
2	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.2737	1.4166
3	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.2390	0.0642
4	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.3722	1.1743
5	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.6771	0.4505
6	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.7442	1.2739
7	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.8534	1.0352
8	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.7644	1.2793
9	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.0362	1.0843
10	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.1099	1.1036
11	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.5379	0.6818
12	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.7566	0.4719
13	2012	EXT	EB	AM	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.5059	0.4064
14	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.4563	0.6601
15	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.1752	0.8536
16	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.7852	0.4798
17	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.0224	0.8121
18	2012	EXT	EB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	2.8614	0.7685
19	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.1113	0.5682
20	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.4079	1.1860
21	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.4580	0.1232
22	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.6615	0.4472
23	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.0011	1.0768
24	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.4762	0.3974
25	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.9863	0.2656
26	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	8.1217	2.1869
27	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.0658	1.6332
28	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.4636	0.9327
29	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.2688	0.6111
30	2012	EXT	EB	AM														
31	2012	EXT	EB	AM														
32	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.1470	0.8475
33	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.9828	0.8034
34	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.5064	0.9442
35	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.8827	0.5072
36	2012	EXT	EB	AM														
37	2012	EXT	EB	AM														
38	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.7212	1.2717
39	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.7468	1.2789
40	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.0706	0.8272
41	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.1504	0.3100
42	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.6282	0.9776

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
43	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.5027	0.4050
44	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.7941	1.0223
45	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.0073	0.2714
46	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.7884	0.7513
47	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.1516	0.0408
48	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.1392	0.8459
49	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.2579	0.0695
50	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.3006	1.1586
51	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.7178	0.1935
52	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.0461	0.2819
53	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.8079	0.2177
54	2012	EXT	EB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	4.4053	1.1839
55	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.0321	0.5475
56	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.2284	1.4081
57	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.3876	0.3737
58	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.7833	1.2880
59	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.1660	0.3140
60	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.8785	1.3135
61	2012	EXT	EB	AM	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.0366	0.2804
62	2012	EXT	EB	AM	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.0966	0.5669
63	2012	EXT	EB	AM	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	0.8542	0.2309
64	2012	EXT	EB	AM	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.7377	0.7393
65	2012	EXT	EB	AM	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	0.8661	0.2339
66	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.3218	0.0865
67	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.6033	1.5053
68	2012	EXT	EB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.7403	0.4676
69	2012	EXT	EB	AM	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.0122	1.0804
70	2012	EXT	EB	AM	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.3663	0.6374
71	2012	EXT	EB	AM	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	3.2057	0.8631
72	2012	EXT	EB	AM	0.054107802	0.31861665	0.062529394	1.018384415	0.025720845	0.24901345	0.009379409	0.152757662	0.116637195	1.337001064	0.035100254	0.401771112	1.1798	0.3547
73	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0847	0.0231
74	2012	EXT	EB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0581	0.0168
75	2012	EXT	EB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0811	0.0234
76	2012	EXT	EB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0901	0.0260
77	2012	EXT	EB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0997	0.0288
78	2012	EXT	EB	AM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.0854	0.0265
79	2012	EXT	EB	AM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1180	0.0366
80	2012	EXT	EB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1991	0.0575
81	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0863	0.0233
82	2012	EXT	EB	AM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.0494	0.0153
83	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0593	0.0152
84	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0914	0.0244
85	2012	EXT	EB	AM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1767	0.0447
86	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2220	0.0580
87	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0592	0.0159
88	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1147	0.0299
89	2012	EXT	EB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0396	0.0114
90	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0775	0.0205
91	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2184	0.0591
92	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0673	0.0180
93	2012	EXT	EB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	2.3494	0.5902
94	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.6155	0.1614
95	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1356	0.0367
96	2012	EXT	EB	AM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.2516	0.0648
97	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1430	0.0370
98	2012	EXT	EB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0836	0.0212
99	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1994	0.0533
100	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2307	0.0609
101	2012	EXT	EB	AM														
102	2012	EXT	EB	AM														
103	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0724	0.0191
104	2012	EXT	EB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1510	0.0436
105	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1118	0.0295
106	2012	EXT	EB	AM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.0202	0.0063
107	2012	EXT	EB	AM														
108	2012	EXT	EB	AM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
109	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1070	0.0289
110	2012	EXT	EB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1899	0.0549
111	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0903	0.0244
112	2012	EXT	EB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1521	0.0439
113	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0891	0.0236
114	2012	EXT	EB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1113	0.0322
115	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1391	0.0370
116	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0620	0.0169
117	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0934	0.0246
118	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0419	0.0115
119	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1008	0.0268
120	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0420	0.0115
121	2012	EXT	EB	AM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1951	0.0500
122	2012	EXT	EB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	1.8851	0.4876
123	2012	EXT	EB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	1.2696	0.3256
124	2012	EXT	EB	AM	0.063924551	0.507756465	0.071945858	1.171745577	0.034699197	0.423019351	0.010791879	0.175761837	0.135870409	1.679502042	0.045491076	0.598781188	0.0727	0.0246
125	2012	EXT	EB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1276	0.0368
126	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0325	0.0089
127	2012	EXT	EB	AM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1801	0.0558
128	2012	EXT	EB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0093	0.0024
129	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2023	0.0551
130	2012	EXT	EB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1219	0.0317
131	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2817	0.0768
132	2012	EXT	EB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0377	0.0097
133	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2620	0.0716
134	2012	EXT	EB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.4682	0.1211
135	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2211	0.0603
136	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0128	0.0035
137	2012	EXT	EB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	2.3284	0.5843
138	2012	EXT	EB	AM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.0700	0.0217
139	2012	EXT	EB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0538	0.0147
140	2012	EXT	EB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2521	0.0672
141	2012	EXT	EB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0414	0.0109
142	2012	EXT	EB	AM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0710	0.0183
143	2012	EXT	EB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0428	0.0112
144	2012	EXT	EB	AM	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.2120	0.0626
145	2012	EXT	EB	AM	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.5596	0.1652
146	2012	EXT	EB	AM	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.0241	0.0071
147	2012	EXT	EB	AM	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.4732	0.1397
148	2012	EXT	EB	AM	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.1721	0.0508
149	2012	EXT	EB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.5718	0.1695
150	2012	EXT	EB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.4288	0.1271
151	2012	EXT	EB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.5789	0.1716
152	2012	EXT	EB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.4594	0.1361
153	2012	EXT	EB	AM	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.5815	0.1736
154	2012	EXT	EB	AM	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.3333	0.0995
155	2012	EXT	EB	AM	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.2476	0.0739
156	2012	EXT	EB	AM	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.1991	0.0588
157	2012	EXT	EB	AM	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.3503	0.1034
158	2012	EXT	EB	AM	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.4059	0.1212
159	2012	EXT	EB	AM	0.051773959	0.253103501	0.043235568	0.704155699	0.023586262	0.188742127	0.006485335	0.105623355	0.095009527	0.957259201	0.030071598	0.294365482	0.3095	0.0980
160	2012	EXT	EB	AM	0.051773959	0.253103501	0.043235568	0.704155699	0.023586262	0.188742127	0.006485335	0.105623355	0.095009527	0.957259201	0.030071598	0.294365482	0.5768	0.1826
161	2012	EXT	EB	AM														
162	2012	EXT	EB	AM														
163	2012	EXT	EB	AM														
164	2012	EXT	EB	AM														
165	2012	EXT	EB	AM														
166	2012	EXT	EB	AM														
167	2012	EXT	EB	AM														
168	2012	EXT	EB	AM														
169	2012	EXT	EB	AM														
170	2012	EXT	EB	AM														
171	2012	EXT	EB	AM														
172	2012	EXT	EB	AM														
173	2012	EXT	EB	AM														
174	2012	EXT	EB	AM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
175	2012	EXT	EB	AM														
176	2012	EXT	EB	AM														
177	2012	EXT	EB	AM														
178	2012	EXT	EB	AM														
179	2012	EXT	EB	AM														
180	2012	EXT	EB	AM														
181	2012	EXT	EB	AM														
182	2012	EXT	EB	AM														
183	2012	EXT	EB	AM														
184	2012	EXT	EB	AM														
185	2012	EXT	EB	AM														
186	2012	EXT	EB	AM														
187	2012	EXT	EB	AM														
188	2012	EXT	EB	AM														
189	2012	EXT	EB	AM														
190	2012	EXT	EB	AM														
191	2012	EXT	EB	AM														
192	2012	EXT	EB	AM														
193	2012	EXT	EB	AM														
194	2012	EXT	EB	AM														
195	2012	EXT	EB	AM														
196	2012	EXT	EB	AM														
197	2012	EXT	EB	AM														
198	2012	EXT	EB	AM														
199	2012	EXT	EB	AM														
200	2012	EXT	EB	AM														
201	2012	EXT	EB	AM														
202	2012	EXT	EB	AM														
203	2012	EXT	EB	AM														
204	2012	EXT	EB	AM														
205	2012	EXT	EB	AM														
206	2012	EXT	EB	AM														
207	2012	EXT	EB	AM														
208	2012	EXT	EB	AM														
209	2012	EXT	EB	AM														
210	2012	EXT	EB	AM														
211	2012	EXT	EB	AM														
212	2012	EXT	EB	AM														
213	2012	EXT	EB	AM														
214	2012	EXT	EB	AM														
215	2012	EXT	EB	AM														
1	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.6078	1.2362
2	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	11.5974	3.1104
3	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.5198	0.1394
4	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	9.5580	2.5627
5	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.6671	0.9836
6	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	10.4212	2.7938
7	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	8.3877	2.2496
8	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	10.4103	2.7908
9	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	8.6744	2.3260
10	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	8.8378	2.3688
11	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.3341	1.4302
12	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.5021	0.9389
13	2012	EXT	EB	MD	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.9813	0.8019
14	2012	EXT	EB	MD	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.8997	1.3179
15	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.4493	1.7306
16	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.6663	0.9834
17	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.2846	1.6856
18	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.0660	1.6306
19	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.5602	1.2260
20	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	9.6681	2.5989
21	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.0281	0.2764
22	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.7315	1.0032
23	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	9.0772	2.4406
24	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.2491	0.8737
25	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.1585	0.5805

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
26	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	17.8489	4.8018
27	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	13.4868	3.6283
28	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	7.7362	2.0817
29	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.9971	1.3448
30	2012	EXT	EB	MD														
31	2012	EXT	EB	MD														
32	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.9315	1.8651
33	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.4889	1.7461
34	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	7.6066	2.0463
35	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.0425	1.0879
36	2012	EXT	EB	MD														
37	2012	EXT	EB	MD														
38	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	10.0978	2.7172
39	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	10.0462	2.7039
40	2012	EXT	EB	MD	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.5164	1.7617
41	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.4227	0.6522
42	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	7.5911	2.0431
43	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.1253	0.8413
44	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	7.9500	2.1399
45	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.1053	0.5667
46	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.8305	1.5694
47	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.3199	0.0861
48	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.6201	1.7820
49	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.5449	0.1467
50	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	9.4254	2.5369
51	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.5285	0.4115
52	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.2473	0.6050
53	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.7492	0.4708
54	2012	EXT	EB	MD	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	9.7234	2.6112
55	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.5073	1.2131
56	2012	EXT	EB	MD	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	11.7290	3.1495
57	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.1496	0.8476
58	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	11.1450	2.9990
59	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.7413	0.7378
60	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	11.7806	3.1704
61	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.5196	0.6781
62	2012	EXT	EB	MD	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	5.2183	1.4104
63	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.1125	0.5683
64	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.9946	1.8812
65	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.2486	0.6049
66	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.8026	0.2157
67	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	14.3343	3.8515
68	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.4584	1.1981
69	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	10.5089	2.8221
70	2012	EXT	EB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.1952	1.6640
71	2012	EXT	EB	MD	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	8.3902	2.2605
72	2012	EXT	EB	MD	0.054107802	0.31861665	0.062529394	1.018384415	0.025720845	0.24901345	0.009379409	0.152757662	0.116637195	1.337001064	0.035100254	0.401771112	3.0830	0.9270
73	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1769	0.0480
74	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0958	0.0256
75	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1594	0.0432
76	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1979	0.0570
77	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2092	0.0565
78	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1605	0.0463
79	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2382	0.0686
80	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.3239	0.0933
81	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1803	0.0481
82	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0707	0.0204
83	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2226	0.0638
84	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1595	0.0422
85	2012	EXT	EB	MD	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.3233	0.0799
86	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.5219	0.1356
87	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1555	0.0413
88	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2068	0.0530
89	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1027	0.0297
90	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2952	0.0850
91	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.4124	0.1073

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
92	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2500	0.0719
93	2012	EXT	EB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	5.2616	1.3270
94	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	1.3008	0.3354
95	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2475	0.0645
96	2012	EXT	EB	MD	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.4393	0.1126
97	2012	EXT	EB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2979	0.0740
98	2012	EXT	EB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2499	0.0636
99	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.4306	0.1143
100	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.4485	0.1174
101	2012	EXT	EB	MD														
102	2012	EXT	EB	MD														
103	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1595	0.0419
104	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2806	0.0808
105	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2477	0.0651
106	2012	EXT	EB	MD	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.0393	0.0122
107	2012	EXT	EB	MD														
108	2012	EXT	EB	MD														
109	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2394	0.0645
110	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.3447	0.0994
111	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1877	0.0489
112	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2990	0.0862
113	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2132	0.0564
114	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1987	0.0546
115	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2541	0.0670
116	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1196	0.0325
117	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1942	0.0509
118	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1209	0.0332
119	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2172	0.0573
120	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0945	0.0258
121	2012	EXT	EB	MD	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.3199	0.0814
122	2012	EXT	EB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	3.7454	0.9572
123	2012	EXT	EB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	2.8311	0.7212
124	2012	EXT	EB	MD	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1363	0.0423
125	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1889	0.0511
126	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0863	0.0249
127	2012	EXT	EB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.3359	0.0969
128	2012	EXT	EB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0393	0.0104
129	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.3364	0.0883
130	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.3410	0.0905
131	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.4699	0.1230
132	2012	EXT	EB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1429	0.0372
133	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.4947	0.1306
134	2012	EXT	EB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	1.2143	0.3138
135	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.4108	0.1081
136	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0542	0.0148
137	2012	EXT	EB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	5.2658	1.3140
138	2012	EXT	EB	MD	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1369	0.0424
139	2012	EXT	EB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1449	0.0396
140	2012	EXT	EB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.5514	0.1463
141	2012	EXT	EB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1067	0.0281
142	2012	EXT	EB	MD	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1931	0.0498
143	2012	EXT	EB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1047	0.0275
144	2012	EXT	EB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.5167	0.1543
145	2012	EXT	EB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	1.3641	0.4073
146	2012	EXT	EB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.0589	0.0176
147	2012	EXT	EB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	1.1535	0.3445
148	2012	EXT	EB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.4194	0.1252
149	2012	EXT	EB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	1.3519	0.4037
150	2012	EXT	EB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	1.0137	0.3027
151	2012	EXT	EB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	1.3686	0.4087
152	2012	EXT	EB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	1.0861	0.3243
153	2012	EXT	EB	MD	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	1.3783	0.4168
154	2012	EXT	EB	MD	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.7900	0.2389
155	2012	EXT	EB	MD	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.5869	0.1775
156	2012	EXT	EB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.4594	0.1372
157	2012	EXT	EB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.8084	0.2414

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
158	2012	EXT	EB	MD	0.050453249	0.233147689	0.043235568	0.704155699	0.022375432	0.170383108	0.006485335	0.105623355	0.093688817	0.937303388	0.028860767	0.276006462	0.9461	0.2915
159	2012	EXT	EB	MD	0.054107802	0.31861665	0.043235568	0.704155699	0.025720845	0.24901345	0.006485335	0.105623355	0.09734337	1.022772349	0.03220618	0.354636804	0.7000	0.2316
160	2012	EXT	EB	MD	0.054107802	0.31861665	0.043235568	0.704155699	0.025720845	0.24901345	0.006485335	0.105623355	0.09734337	1.022772349	0.03220618	0.354636804	1.3047	0.4316
161	2012	EXT	EB	MD														
162	2012	EXT	EB	MD														
163	2012	EXT	EB	MD														
164	2012	EXT	EB	MD														
165	2012	EXT	EB	MD														
166	2012	EXT	EB	MD														
167	2012	EXT	EB	MD														
168	2012	EXT	EB	MD														
169	2012	EXT	EB	MD														
170	2012	EXT	EB	MD														
171	2012	EXT	EB	MD														
172	2012	EXT	EB	MD														
173	2012	EXT	EB	MD														
174	2012	EXT	EB	MD														
175	2012	EXT	EB	MD														
176	2012	EXT	EB	MD														
177	2012	EXT	EB	MD														
178	2012	EXT	EB	MD														
179	2012	EXT	EB	MD														
180	2012	EXT	EB	MD														
181	2012	EXT	EB	MD														
182	2012	EXT	EB	MD														
183	2012	EXT	EB	MD														
184	2012	EXT	EB	MD														
185	2012	EXT	EB	MD														
186	2012	EXT	EB	MD														
187	2012	EXT	EB	MD														
188	2012	EXT	EB	MD														
189	2012	EXT	EB	MD														
190	2012	EXT	EB	MD														
191	2012	EXT	EB	MD														
192	2012	EXT	EB	MD														
193	2012	EXT	EB	MD														
194	2012	EXT	EB	MD														
195	2012	EXT	EB	MD														
196	2012	EXT	EB	MD														
197	2012	EXT	EB	MD														
198	2012	EXT	EB	MD														
199	2012	EXT	EB	MD														
200	2012	EXT	EB	MD														
201	2012	EXT	EB	MD														
202	2012	EXT	EB	MD														
203	2012	EXT	EB	MD														
204	2012	EXT	EB	MD														
205	2012	EXT	EB	MD														
206	2012	EXT	EB	MD														
207	2012	EXT	EB	MD														
208	2012	EXT	EB	MD														
209	2012	EXT	EB	MD														
210	2012	EXT	EB	MD														
211	2012	EXT	EB	MD														
212	2012	EXT	EB	MD														
213	2012	EXT	EB	MD														
214	2012	EXT	EB	MD														
215	2012	EXT	EB	MD														
1	2012	EXT	EB	PM	0.048522181	0.218769204	0.062529394	1.018384415	0.020605428	0.157155631	0.009379409	0.152757662	0.111051574	1.237153618	0.029984837	0.309913293	4.3191	1.1200
2	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	10.8964	2.8606
3	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	0.4925	0.1321
4	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	9.0214	2.3669
5	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.4552	0.9266
6	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	9.9615	2.6706
7	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	7.8292	2.0551
8	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	9.9910	2.6783

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
9	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	8.1769	2.1449
10	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	8.5453	2.2904
11	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.0910	1.3649
12	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.4931	0.9364
13	2012	EXT	EB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.9276	0.7863
14	2012	EXT	EB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.8193	1.2941
15	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.1744	1.6558
16	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.5368	0.9484
17	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.0933	1.6338
18	2012	EXT	EB	PM	0.048682259	0.212699761	0.062529394	1.018384415	0.020755025	0.151571693	0.009379409	0.152757662	0.111211653	1.231084176	0.030134434	0.304329355	5.4913	1.4257
19	2012	EXT	EB	PM	0.048522181	0.218769204	0.062529394	1.018384415	0.020605428	0.157155631	0.009379409	0.152757662	0.111051574	1.237153618	0.029984837	0.309913293	4.1304	1.0779
20	2012	EXT	EB	PM	0.048682259	0.212699761	0.062529394	1.018384415	0.020755025	0.151571693	0.009379409	0.152757662	0.111211653	1.231084176	0.030134434	0.304329355	9.0292	2.3485
21	2012	EXT	EB	PM	0.048522181	0.218769204	0.062529394	1.018384415	0.020605428	0.157155631	0.009379409	0.152757662	0.111051574	1.237153618	0.029984837	0.309913293	0.9504	0.2483
22	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	3.5316	0.9326
23	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	8.1507	2.1557
24	2012	EXT	EB	PM	0.048682259	0.212699761	0.062529394	1.018384415	0.020755025	0.151571693	0.009379409	0.152757662	0.111211653	1.231084176	0.030134434	0.304329355	2.9534	0.7714
25	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	1.9616	0.5188
26	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	16.6357	4.4703
27	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	12.5280	3.3164
28	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	7.5724	2.0349
29	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	4.7938	1.2696
30	2012	EXT	EB	PM														
31	2012	EXT	EB	PM														
32	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.7984	1.8269
33	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.2758	1.6866
34	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	7.4639	2.0053
35	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	3.8789	1.0269
36	2012	EXT	EB	PM														
37	2012	EXT	EB	PM														
38	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	9.9949	2.6856
39	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	9.7105	2.5701
40	2012	EXT	EB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.5358	1.7601
41	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	2.3715	0.6277
42	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	7.4998	2.0150
43	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	3.0388	0.8042
44	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	7.5327	2.0244
45	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	2.0094	0.5401
46	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.6325	1.5137
47	2012	EXT	EB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.3103	0.0836
48	2012	EXT	EB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.4883	1.7481
49	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	0.5330	0.1433
50	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	9.1328	2.4544
51	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	1.3798	0.3658
52	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	1.9337	0.5126
53	2012	EXT	EB	PM	0.048522181	0.218769204	0.062529394	1.018384415	0.020605428	0.157155631	0.009379409	0.152757662	0.111051574	1.237153618	0.029984837	0.309913293	1.5259	0.4009
54	2012	EXT	EB	PM	0.049016792	0.2130122	0.062529394	1.018384415	0.021062382	0.151859025	0.009379409	0.152757662	0.111546186	1.231396615	0.030441791	0.304616687	8.5087	2.2413
55	2012	EXT	EB	PM	0.048522181	0.218769204	0.062529394	1.018384415	0.020605428	0.157155631	0.009379409	0.152757662	0.111051574	1.237153618	0.029984837	0.309913293	3.9494	1.0383
56	2012	EXT	EB	PM	0.048682259	0.212699761	0.062529394	1.018384415	0.020755025	0.151571693	0.009379409	0.152757662	0.111211653	1.231084176	0.030134434	0.304329355	10.4827	2.7482
57	2012	EXT	EB	PM	0.048522181	0.218769204	0.062529394	1.018384415	0.020605428	0.157155631	0.009379409	0.152757662	0.111051574	1.237153618	0.029984837	0.309913293	2.8368	0.7460
58	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	10.2630	2.7199
59	2012	EXT	EB	PM	0.048682259	0.212699761	0.062529394	1.018384415	0.020755025	0.151571693	0.009379409	0.152757662	0.111211653	1.231084176	0.030134434	0.304329355	2.5305	0.6645
60	2012	EXT	EB	PM	0.048522181	0.218769204	0.062529394	1.018384415	0.020605428	0.157155631	0.009379409	0.152757662	0.111051574	1.237153618	0.029984837	0.309913293	11.1386	2.9307
61	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	2.4264	0.6524
62	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.1208	1.3768
63	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	2.0958	0.5633
64	2012	EXT	EB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	7.1099	1.9107
65	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	2.2701	0.6014
66	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	0.7646	0.2022
67	2012	EXT	EB	PM	0.048522181	0.218769204	0.062529394	1.018384415	0.020605428	0.157155631	0.009379409	0.152757662	0.111051574	1.237153618	0.029984837	0.309913293	13.8684	3.6283
68	2012	EXT	EB	PM	0.048682259	0.212699761	0.062529394	1.018384415	0.020755025	0.151571693	0.009379409	0.152757662	0.111211653	1.231084176	0.030134434	0.304329355	4.3069	1.1241
69	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	10.4283	2.7521
70	2012	EXT	EB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	6.0932	1.6085
71	2012	EXT	EB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	8.2579	2.2216
72	2012	EXT	EB	PM	0.057814883	0.4023333	0.062529394	1.018384415	0.029116216	0.326031599	0.009379409	0.152757662	0.120344276	1.420717715	0.038495625	0.478789261	3.2589	1.0686
73	2012	EXT	EB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1877	0.0581
74	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0924	0.0266

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
75	2012	EXT	EB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1478	0.0458
76	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1502	0.0434
77	2012	EXT	EB	PM	0.063924551	0.507756465	0.071945858	1.171745577	0.034699197	0.423019351	0.010791879	0.175761837	0.135870409	1.679502042	0.045491076	0.598781188	0.1903	0.0645
78	2012	EXT	EB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1239	0.0385
79	2012	EXT	EB	PM	0.063924551	0.507756465	0.071945858	1.171745577	0.034699197	0.423019351	0.010791879	0.175761837	0.135870409	1.679502042	0.045491076	0.598781188	0.1892	0.0641
80	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2512	0.0724
81	2012	EXT	EB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1737	0.0541
82	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0508	0.0147
83	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1392	0.0400
84	2012	EXT	EB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1272	0.0337
85	2012	EXT	EB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.3118	0.0798
86	2012	EXT	EB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.4074	0.1101
87	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1245	0.0359
88	2012	EXT	EB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1879	0.0488
89	2012	EXT	EB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.0904	0.0279
90	2012	EXT	EB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.2695	0.0834
91	2012	EXT	EB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2725	0.0703
92	2012	EXT	EB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1936	0.0600
93	2012	EXT	EB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	4.6258	1.1998
94	2012	EXT	EB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	1.6700	0.4421
95	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2639	0.0759
96	2012	EXT	EB	PM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.3082	0.0794
97	2012	EXT	EB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2222	0.0570
98	2012	EXT	EB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2499	0.0658
99	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2824	0.0813
100	2012	EXT	EB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.3737	0.0989
101	2012	EXT	EB	PM														
102	2012	EXT	EB	PM														
103	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1284	0.0371
104	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2165	0.0624
105	2012	EXT	EB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2204	0.0601
106	2012	EXT	EB	PM	0.063924551	0.507756465	0.071945858	1.171745577	0.034699197	0.423019351	0.010791879	0.175761837	0.135870409	1.679502042	0.045491076	0.598781188	0.0329	0.0111
107	2012	EXT	EB	PM														
108	2012	EXT	EB	PM														
109	2012	EXT	EB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1820	0.0564
110	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2390	0.0690
111	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1386	0.0400
112	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2199	0.0635
113	2012	EXT	EB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2006	0.0550
114	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1532	0.0443
115	2012	EXT	EB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.4017	0.1068
116	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1458	0.0421
117	2012	EXT	EB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1522	0.0413
118	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1306	0.0378
119	2012	EXT	EB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1601	0.0424
120	2012	EXT	EB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0897	0.0247
121	2012	EXT	EB	PM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.3370	0.0865
122	2012	EXT	EB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	2.8429	0.7517
123	2012	EXT	EB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	1.9592	0.5021
124	2012	EXT	EB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.0916	0.0284
125	2012	EXT	EB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1617	0.0437
126	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0826	0.0239
127	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2209	0.0637
128	2012	EXT	EB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0470	0.0125
129	2012	EXT	EB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2263	0.0600
130	2012	EXT	EB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.3510	0.0940
131	2012	EXT	EB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2820	0.0726
132	2012	EXT	EB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1920	0.0506
133	2012	EXT	EB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.3521	0.0961
134	2012	EXT	EB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	1.0987	0.2891
135	2012	EXT	EB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.3109	0.0848
136	2012	EXT	EB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0549	0.0159
137	2012	EXT	EB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	4.3398	1.1182
138	2012	EXT	EB	PM	0.063924551	0.507756465	0.071945858	1.171745577	0.034699197	0.423019351	0.010791879	0.175761837	0.135870409	1.679502042	0.045491076	0.598781188	0.1071	0.0363
139	2012	EXT	EB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1392	0.0383
140	2012	EXT	EB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.4547	0.1253

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
141	2012	EXT	EB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0668	0.0176
142	2012	EXT	EB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2142	0.0565
143	2012	EXT	EB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2419	0.0639
144	2012	EXT	EB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.4160	0.1258
145	2012	EXT	EB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	1.0982	0.3321
146	2012	EXT	EB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.0474	0.0143
147	2012	EXT	EB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.9287	0.2808
148	2012	EXT	EB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.3377	0.1021
149	2012	EXT	EB	PM	0.050453249	0.233147689	0.043235568	0.704155699	0.022375432	0.170383108	0.006485335	0.105623355	0.093688817	0.937303388	0.028860767	0.276006462	1.0653	0.3282
150	2012	EXT	EB	PM	0.050453249	0.233147689	0.043235568	0.704155699	0.022375432	0.170383108	0.006485335	0.105623355	0.093688817	0.937303388	0.028860767	0.276006462	0.7988	0.2461
151	2012	EXT	EB	PM	0.050453249	0.233147689	0.043235568	0.704155699	0.022375432	0.170383108	0.006485335	0.105623355	0.093688817	0.937303388	0.028860767	0.276006462	1.0785	0.3322
152	2012	EXT	EB	PM	0.050453249	0.233147689	0.043235568	0.704155699	0.022375432	0.170383108	0.006485335	0.105623355	0.093688817	0.937303388	0.028860767	0.276006462	0.8558	0.2636
153	2012	EXT	EB	PM	0.050453249	0.233147689	0.043235568	0.704155699	0.022375432	0.170383108	0.006485335	0.105623355	0.093688817	0.937303388	0.028860767	0.276006462	1.0163	0.3131
154	2012	EXT	EB	PM	0.050453249	0.233147689	0.043235568	0.704155699	0.022375432	0.170383108	0.006485335	0.105623355	0.093688817	0.937303388	0.028860767	0.276006462	0.5825	0.1794
155	2012	EXT	EB	PM	0.050453249	0.233147689	0.043235568	0.704155699	0.022375432	0.170383108	0.006485335	0.105623355	0.093688817	0.937303388	0.028860767	0.276006462	0.4328	0.1333
156	2012	EXT	EB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.3376	0.1021
157	2012	EXT	EB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.5940	0.1796
158	2012	EXT	EB	PM	0.051773959	0.253103501	0.043235568	0.704155699	0.023586262	0.188742127	0.006485335	0.105623355	0.095009527	0.957259201	0.030071598	0.294365482	0.7007	0.2218
159	2012	EXT	EB	PM	0.057814883	0.4023333	0.043235568	0.704155699	0.029116216	0.326031599	0.006485335	0.105623355	0.101050451	1.106488999	0.035601551	0.431654954	0.5174	0.1823
160	2012	EXT	EB	PM	0.057814883	0.4023333	0.043235568	0.704155699	0.029116216	0.326031599	0.006485335	0.105623355	0.101050451	1.106488999	0.035601551	0.431654954	0.9644	0.3398
161	2012	EXT	EB	PM														
162	2012	EXT	EB	PM														
163	2012	EXT	EB	PM														
164	2012	EXT	EB	PM														
165	2012	EXT	EB	PM														
166	2012	EXT	EB	PM														
167	2012	EXT	EB	PM														
168	2012	EXT	EB	PM														
169	2012	EXT	EB	PM														
170	2012	EXT	EB	PM														
171	2012	EXT	EB	PM														
172	2012	EXT	EB	PM														
173	2012	EXT	EB	PM														
174	2012	EXT	EB	PM														
175	2012	EXT	EB	PM														
176	2012	EXT	EB	PM														
177	2012	EXT	EB	PM														
178	2012	EXT	EB	PM														
179	2012	EXT	EB	PM														
180	2012	EXT	EB	PM														
181	2012	EXT	EB	PM														
182	2012	EXT	EB	PM														
183	2012	EXT	EB	PM														
184	2012	EXT	EB	PM														
185	2012	EXT	EB	PM														
186	2012	EXT	EB	PM														
187	2012	EXT	EB	PM														
188	2012	EXT	EB	PM														
189	2012	EXT	EB	PM														
190	2012	EXT	EB	PM														
191	2012	EXT	EB	PM														
192	2012	EXT	EB	PM														
193	2012	EXT	EB	PM														
194	2012	EXT	EB	PM														
195	2012	EXT	EB	PM														
196	2012	EXT	EB	PM														
197	2012	EXT	EB	PM														
198	2012	EXT	EB	PM														
199	2012	EXT	EB	PM														
200	2012	EXT	EB	PM														
201	2012	EXT	EB	PM														
202	2012	EXT	EB	PM														
203	2012	EXT	EB	PM														
204	2012	EXT	EB	PM														
205	2012	EXT	EB	PM														
206	2012	EXT	EB	PM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
207	2012	EXT	EB	PM														
208	2012	EXT	EB	PM														
209	2012	EXT	EB	PM														
210	2012	EXT	EB	PM														
211	2012	EXT	EB	PM														
212	2012	EXT	EB	PM														
213	2012	EXT	EB	PM														
214	2012	EXT	EB	PM														
215	2012	EXT	EB	PM														
1	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	5.2450	1.4056
2	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	13.5574	3.6326
3	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	0.5976	0.1601
4	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	11.2794	3.0215
5	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.2307	1.1337
6	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	12.2986	3.2935
7	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.6431	2.5837
8	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	12.2630	3.2835
9	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.9946	2.6769
10	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	10.4951	2.8093
11	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.1680	1.6516
12	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.3727	1.1708
13	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	3.5483	0.9504
14	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.0693	1.6255
15	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.6560	2.0519
16	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.3357	1.1615
17	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.6003	2.0357
18	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.6967	1.7987
19	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.9180	1.3209
20	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	10.8042	2.9009
21	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.1298	0.3034
22	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	3.6036	0.9687
23	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	8.9500	2.4043
24	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	3.0128	0.8096
25	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.9802	0.5322
26	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	16.8735	4.5357
27	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	12.5302	3.3684
28	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.1542	1.9228
29	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.5285	1.2176
30	2012	EXT	EB	NT														
31	2012	EXT	EB	NT														
32	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.4834	1.7426
33	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	5.9702	1.6051
34	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.3620	1.9780
35	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	3.7815	1.0166
36	2012	EXT	EB	NT														
37	2012	EXT	EB	NT														
38	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.4926	2.5509
39	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.2528	2.4873
40	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.1463	1.6516
41	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.2390	0.6019
42	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.0944	1.9064
43	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.8725	0.7721
44	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.4277	1.9961
45	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.9392	0.5212
46	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	5.4468	1.4637
47	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	0.2940	0.0790
48	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.1569	1.6545
49	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	0.4995	0.1343
50	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.0578	2.4336
51	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.3775	0.3705
52	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.9721	0.5305
53	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.5292	0.4112
54	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	8.8837	2.3890
55	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.0765	1.0965
56	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	10.6604	2.8664
57	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.8336	0.7620

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
58	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	10.3196	2.7747
59	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.5023	0.6731
60	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	11.0123	2.9620
61	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.3369	0.6287
62	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.9059	1.3194
63	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.0552	0.5524
64	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.0095	1.8833
65	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.2188	0.5963
66	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	0.6589	0.1772
67	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	11.8660	3.1886
68	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	3.6661	0.9854
69	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.1132	2.4473
70	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	5.3515	1.4376
71	2012	EXT	EB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.3218	1.9659
72	2012	EXT	EB	NT	0.054107802	0.31861665	0.062529394	1.018384415	0.025720845	0.24901345	0.009379409	0.152757662	0.116637195	1.337001064	0.035100254	0.401771112	2.6687	0.8023
73	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0884	0.0226
74	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0619	0.0165
75	2012	EXT	EB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1077	0.0282
76	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1298	0.0350
77	2012	EXT	EB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1495	0.0390
78	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1146	0.0309
79	2012	EXT	EB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1891	0.0494
80	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2001	0.0540
81	2012	EXT	EB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1412	0.0362
82	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0392	0.0107
83	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0958	0.0235
84	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0917	0.0237
85	2012	EXT	EB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1625	0.0399
86	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.4223	0.1067
87	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1096	0.0294
88	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1795	0.0444
89	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0624	0.0168
90	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1553	0.0405
91	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.3033	0.0765
92	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1939	0.0515
93	2012	EXT	EB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	8.1824	1.9757
94	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	1.0774	0.2728
95	2012	EXT	EB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1338	0.0332
96	2012	EXT	EB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.2095	0.0539
97	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1894	0.0463
98	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1431	0.0358
99	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.4035	0.1007
100	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.3233	0.0819
101	2012	EXT	EB	NT														
102	2012	EXT	EB	NT														
103	2012	EXT	EB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0876	0.0221
104	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1917	0.0512
105	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1527	0.0390
106	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0220	0.0060
107	2012	EXT	EB	NT														
108	2012	EXT	EB	NT														
109	2012	EXT	EB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2099	0.0543
110	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2053	0.0555
111	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1341	0.0339
112	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1899	0.0512
113	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1552	0.0400
114	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1100	0.0300
115	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1597	0.0409
116	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0567	0.0154
117	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1382	0.0349
118	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0586	0.0160
119	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1428	0.0365
120	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0449	0.0122
121	2012	EXT	EB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1800	0.0449
122	2012	EXT	EB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	2.7904	0.6947
123	2012	EXT	EB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	2.1979	0.5429

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
124	2012	EXT	EB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1165	0.0302
125	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	-	-
126	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0559	0.0151
127	2012	EXT	EB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2774	0.0719
128	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0213	0.0056
129	2012	EXT	EB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1800	0.0452
130	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2333	0.0605
131	2012	EXT	EB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.2709	0.0669
132	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0891	0.0231
133	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.3635	0.0924
134	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.8076	0.2069
135	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2767	0.0706
136	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0336	0.0092
137	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	2.1334	0.5371
138	2012	EXT	EB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0948	0.0249
139	2012	EXT	EB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0923	0.0252
140	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2679	0.0698
141	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0772	0.0203
142	2012	EXT	EB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1275	0.0329
143	2012	EXT	EB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0473	0.0124
144	2012	EXT	EB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	2.1633	0.6387
145	2012	EXT	EB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	2.1633	0.6387
146	2012	EXT	EB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	2.1633	0.6387
147	2012	EXT	EB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	2.1633	0.6387
148	2012	EXT	EB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	2.1633	0.6387
149	2012	EXT	EB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	3.2183	0.9502
150	2012	EXT	EB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	3.2183	0.9502
151	2012	EXT	EB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	3.2183	0.9502
152	2012	EXT	EB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	3.2183	0.9502
153	2012	EXT	EB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	1.8730	0.5530
154	2012	EXT	EB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	1.8730	0.5530
155	2012	EXT	EB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	1.8730	0.5530
156	2012	EXT	EB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	1.5879	0.4707
157	2012	EXT	EB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	1.5879	0.4707
158	2012	EXT	EB	NT	0.048464393	0.231104653	0.043235568	0.704155699	0.020551922	0.168504238	0.006485335	0.105623355	0.091699961	0.935260352	0.027037257	0.274127593	0.9798	0.2889
159	2012	EXT	EB	NT	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.9310	0.2749
160	2012	EXT	EB	NT	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.9310	0.2749
161	2012	EXT	EB	NT														
162	2012	EXT	EB	NT														
163	2012	EXT	EB	NT														
164	2012	EXT	EB	NT														
165	2012	EXT	EB	NT														
166	2012	EXT	EB	NT														
167	2012	EXT	EB	NT														
168	2012	EXT	EB	NT														
169	2012	EXT	EB	NT														
170	2012	EXT	EB	NT														
171	2012	EXT	EB	NT														
172	2012	EXT	EB	NT														
173	2012	EXT	EB	NT														
174	2012	EXT	EB	NT														
175	2012	EXT	EB	NT														
176	2012	EXT	EB	NT														
177	2012	EXT	EB	NT														
178	2012	EXT	EB	NT														
179	2012	EXT	EB	NT														
180	2012	EXT	EB	NT														
181	2012	EXT	EB	NT														
182	2012	EXT	EB	NT														
183	2012	EXT	EB	NT														
184	2012	EXT	EB	NT														
185	2012	EXT	EB	NT														
186	2012	EXT	EB	NT														
187	2012	EXT	EB	NT														
188	2012	EXT	EB	NT														
189	2012	EXT	EB	NT														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
190	2012	EXT	EB	NT														
191	2012	EXT	EB	NT														
192	2012	EXT	EB	NT														
193	2012	EXT	EB	NT														
194	2012	EXT	EB	NT														
195	2012	EXT	EB	NT														
196	2012	EXT	EB	NT														
197	2012	EXT	EB	NT														
198	2012	EXT	EB	NT														
199	2012	EXT	EB	NT														
200	2012	EXT	EB	NT														
201	2012	EXT	EB	NT														
202	2012	EXT	EB	NT														
203	2012	EXT	EB	NT														
204	2012	EXT	EB	NT														
205	2012	EXT	EB	NT														
206	2012	EXT	EB	NT														
207	2012	EXT	EB	NT														
208	2012	EXT	EB	NT														
209	2012	EXT	EB	NT														
210	2012	EXT	EB	NT														
211	2012	EXT	EB	NT														
212	2012	EXT	EB	NT														
213	2012	EXT	EB	NT														
214	2012	EXT	EB	NT														
215	2012	EXT	EB	NT														
216	2012	EXT	WB	AM	0.048682259	0.212699761	0.062529394	1.018384415	0.020755025	0.151571693	0.009379409	0.152757662	0.111211653	1.231084176	0.030134434	0.304329355	6.1990	1.6162
217	2012	EXT	WB	AM	0.048522181	0.218769204	0.062529394	1.018384415	0.020605428	0.157155631	0.009379409	0.152757662	0.111051574	1.237153618	0.029984837	0.309913293	5.7444	1.5009
218	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.0066	1.0787
219	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.9387	1.5953
220	2012	EXT	WB	AM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	3.3423	0.8848
221	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.5907	0.9648
222	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.3526	0.9010
223	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	1.6082	0.4322
224	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	1.8502	0.4977
225	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	1.1873	0.3193
226	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.2161	1.4065
227	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.9426	0.5240
228	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.0233	0.2761
229	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	7.0082	1.8854
230	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	1.6296	0.4384
231	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.6609	1.7917
232	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	1.7717	0.4766
233	2012	EXT	WB	AM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	6.1177	1.6248
234	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	0.9474	0.2548
235	2012	EXT	WB	AM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	3.8189	1.0139
236	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	2.3607	0.6348
237	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.9161	1.0553
238	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.2306	0.3317
239	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.1013	0.2968
240	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.2735	0.3433
241	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.8458	1.3063
242	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.3233	0.0872
243	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.1281	1.1127
244	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	0.6095	0.1639
245	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.9085	1.0534
246	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.0062	0.8081
247	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.1380	1.1149
248	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	1.2561	0.3377
249	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.0863	1.1010
250	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.5281	1.7550
251	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.2695	1.4165
252	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	4.0735	1.0951
253	2012	EXT	WB	AM														
254	2012	EXT	WB	AM														
255	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.0248	1.3506

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
256	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.1849	0.8583
257	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	4.1587	1.1179
258	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.5172	0.9456
259	2012	EXT	WB	AM														
260	2012	EXT	WB	AM														
261	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.3072	1.1608
262	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	11.3095	3.0402
263	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.7592	1.5481
264	2012	EXT	WB	AM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	2.3477	0.6218
265	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	1.2160	0.3268
266	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	8.1095	2.1789
267	2012	EXT	WB	AM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	1.3323	0.3527
268	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	0.2392	0.0643
269	2012	EXT	WB	AM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	6.2967	1.6651
270	2012	EXT	WB	AM	0.048522181	0.218769204	0.062529394	1.018384415	0.020605428	0.157155631	0.009379409	0.152757662	0.111051574	1.237153618	0.029984837	0.309913293	2.8313	0.7412
271	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.7761	1.0133
272	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	2.7345	0.7337
273	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	2.6872	0.7211
274	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.1150	0.8373
275	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.3772	1.4450
276	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.3942	0.3747
277	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.1888	0.8569
278	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	1.7681	0.4742
279	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.4836	0.9344
280	2012	EXT	WB	AM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.9236	1.3227
281	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.3734	1.7097
282	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.7583	1.0080
283	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.5906	0.9633
284	2012	EXT	WB	AM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	4.4320	1.1666
285	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.6333	1.7797
286	2012	EXT	WB	AM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	2.8897	0.7609
287	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.2349	1.4045
288	2012	EXT	WB	AM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	0.5362	0.1439
289	2012	EXT	WB	AM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	5.7361	1.5103
290	2012	EXT	WB	AM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1709	0.0447
291	2012	EXT	WB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1476	0.0390
292	2012	EXT	WB	AM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0316	0.0082
293	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2252	0.0651
294	2012	EXT	WB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1026	0.0270
295	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0971	0.0280
296	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0673	0.0194
297	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	2.2780	0.5851
298	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0103	0.0028
299	2012	EXT	WB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0588	0.0155
300	2012	EXT	WB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.8488	0.2242
301	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1291	0.0352
302	2012	EXT	WB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0382	0.0101
303	2012	EXT	WB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0423	0.0108
304	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1637	0.0440
305	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0802	0.0213
306	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1085	0.0292
307	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0535	0.0154
308	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1191	0.0344
309	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0456	0.0122
310	2012	EXT	WB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.5401	0.1399
311	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1157	0.0334
312	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0814	0.0218
313	2012	EXT	WB	AM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.3986	0.1025
314	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0540	0.0145
315	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0929	0.0268
316	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0751	0.0207
317	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0913	0.0248
318	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0691	0.0184
319	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1957	0.0562
320	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0522	0.0140
321	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1652	0.0477

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
322	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0549	0.0150
323	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2549	0.0676
324	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0589	0.0161
325	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2456	0.0709
326	2012	EXT	WB	AM														
327	2012	EXT	WB	AM														
328	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0630	0.0169
329	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2471	0.0713
330	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0542	0.0148
331	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2293	0.0612
332	2012	EXT	WB	AM														
333	2012	EXT	WB	AM														
334	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0857	0.0234
335	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.3448	0.0928
336	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2452	0.0648
337	2012	EXT	WB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1250	0.0314
338	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0263	0.0069
339	2012	EXT	WB	AM	0.048522181	0.218769204	0.071945858	1.171745577	0.020605428	0.157155631	0.010791879	0.175761837	0.120468038	1.390514781	0.031397306	0.332917468	0.4191	0.1068
340	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	1.6064	0.4210
341	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	1.6818	0.4501
342	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1470	0.0391
343	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1111	0.0318
344	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1741	0.0478
345	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0310	0.0082
346	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0812	0.0234
347	2012	EXT	WB	AM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1083	0.0334
348	2012	EXT	WB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.8201	0.2110
349	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1046	0.0272
350	2012	EXT	WB	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1031	0.0267
351	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0880	0.0230
352	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0656	0.0190
353	2012	EXT	WB	AM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0304	0.0083
354	2012	EXT	WB	AM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.0880	0.0273
355	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0768	0.0203
356	2012	EXT	WB	AM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1591	0.0492
357	2012	EXT	WB	AM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.2507	0.0775
358	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0904	0.0261
359	2012	EXT	WB	AM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1480	0.0458
360	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0866	0.0250
361	2012	EXT	WB	AM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.0973	0.0301
362	2012	EXT	WB	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0755	0.0198
363	2012	EXT	WB	AM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1996	0.0577
364	2012	EXT	WB	AM														
365	2012	EXT	WB	AM														
366	2012	EXT	WB	AM														
367	2012	EXT	WB	AM														
368	2012	EXT	WB	AM														
369	2012	EXT	WB	AM														
370	2012	EXT	WB	AM														
371	2012	EXT	WB	AM														
372	2012	EXT	WB	AM														
373	2012	EXT	WB	AM														
374	2012	EXT	WB	AM														
375	2012	EXT	WB	AM														
376	2012	EXT	WB	AM														
377	2012	EXT	WB	AM														
378	2012	EXT	WB	AM														
379	2012	EXT	WB	AM														
380	2012	EXT	WB	AM														
381	2012	EXT	WB	AM														
382	2012	EXT	WB	AM														
383	2012	EXT	WB	AM														
384	2012	EXT	WB	AM														
385	2012	EXT	WB	AM														
386	2012	EXT	WB	AM														
387	2012	EXT	WB	AM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
388	2012	EXT	WB	AM														
389	2012	EXT	WB	AM														
390	2012	EXT	WB	AM														
391	2012	EXT	WB	AM														
392	2012	EXT	WB	AM														
393	2012	EXT	WB	AM														
394	2012	EXT	WB	AM														
395	2012	EXT	WB	AM														
396	2012	EXT	WB	AM														
397	2012	EXT	WB	AM														
398	2012	EXT	WB	AM														
399	2012	EXT	WB	AM														
400	2012	EXT	WB	AM														
401	2012	EXT	WB	AM														
402	2012	EXT	WB	AM														
403	2012	EXT	WB	AM														
404	2012	EXT	WB	AM														
405	2012	EXT	WB	AM														
406	2012	EXT	WB	AM														
407	2012	EXT	WB	AM														
408	2012	EXT	WB	AM														
409	2012	EXT	WB	AM														
410	2012	EXT	WB	AM														
411	2012	EXT	WB	AM														
412	2012	EXT	WB	AM														
413	2012	EXT	WB	AM														
414	2012	EXT	WB	AM														
415	2012	EXT	WB	AM														
416	2012	EXT	WB	AM														
417	2012	EXT	WB	AM														
418	2012	EXT	WB	AM														
419	2012	EXT	WB	AM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.4770	0.1442
420	2012	EXT	WB	AM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.3349	0.1013
421	2012	EXT	WB	AM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.3180	0.0961
422	2012	EXT	WB	AM	0.048464393	0.231104653	0.043235568	0.704155699	0.020551922	0.168504238	0.006485335	0.105623355	0.091699961	0.935260352	0.027037257	0.274127593	0.3008	0.0887
423	2012	EXT	WB	AM	0.048464393	0.231104653	0.043235568	0.704155699	0.020551922	0.168504238	0.006485335	0.105623355	0.091699961	0.935260352	0.027037257	0.274127593	0.5800	0.1710
424	2012	EXT	WB	AM	0.048464393	0.231104653	0.043235568	0.704155699	0.020551922	0.168504238	0.006485335	0.105623355	0.091699961	0.935260352	0.027037257	0.274127593	0.1418	0.0418
425	2012	EXT	WB	AM	0.048464393	0.231104653	0.043235568	0.704155699	0.020551922	0.168504238	0.006485335	0.105623355	0.091699961	0.935260352	0.027037257	0.274127593	0.3352	0.0988
426	2012	EXT	WB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.1792	0.0531
427	2012	EXT	WB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.3427	0.1016
428	2012	EXT	WB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.5036	0.1492
429	2012	EXT	WB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.6099	0.1807
430	2012	EXT	WB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.3969	0.1176
431	2012	EXT	WB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.3578	0.1060
432	2012	EXT	WB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.4214	0.1249
433	2012	EXT	WB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.6612	0.1960
434	2012	EXT	WB	AM	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.2734	0.0810
435	2012	EXT	WB	AM	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.5703	0.1703
436	2012	EXT	WB	AM	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.0547	0.0163
437	2012	EXT	WB	AM	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.6067	0.1812
216	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	9.6028	2.5818
217	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	8.9559	2.4074
218	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.0894	1.6374
219	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	9.0110	2.4228
220	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.1620	1.3886
221	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.4996	1.4792
222	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.2845	1.4219
223	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.5310	0.6811
224	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.7258	0.7344
225	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.7425	0.4694
226	2012	EXT	WB	MD	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.6666	2.0754
227	2012	EXT	WB	MD	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.8035	0.7593
228	2012	EXT	WB	MD	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.5467	0.4190
229	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	10.6512	2.8704
230	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.5604	0.6900
231	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	10.5044	2.8303

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
232	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.8270	0.7617
233	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	9.9463	2.6797
234	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.5759	0.4246
235	2012	EXT	WB	MD	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.3837	1.7157
236	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.0426	1.0891
237	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.8878	1.5872
238	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.8937	0.5106
239	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.7034	0.4593
240	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.0582	0.5550
241	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	7.8436	2.1150
242	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.5293	0.1427
243	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.7573	1.8219
244	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.0105	0.2725
245	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.5045	1.7537
246	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.1933	1.3993
247	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	7.0526	1.8999
248	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.1736	0.5855
249	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.9757	1.8787
250	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	11.1930	3.0149
251	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	8.8649	2.3874
252	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.8886	1.8552
253	2012	EXT	WB	MD														
254	2012	EXT	WB	MD														
255	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	8.4201	2.2670
256	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.4147	1.4579
257	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	7.0238	1.8910
258	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.9628	1.6056
259	2012	EXT	WB	MD														
260	2012	EXT	WB	MD														
261	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	7.2520	1.9526
262	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	19.5119	5.2520
263	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	9.8661	2.6554
264	2012	EXT	WB	MD	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	4.1382	1.1111
265	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.1369	0.5749
266	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	13.8474	3.7245
267	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.2088	0.5942
268	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.3929	0.1057
269	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	10.3602	2.7858
270	2012	EXT	WB	MD	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	4.8249	1.2949
271	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.9232	1.5889
272	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.3471	1.1661
273	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.3151	1.1576
274	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.9711	1.3335
275	2012	EXT	WB	MD	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	8.4540	2.2732
276	2012	EXT	WB	MD	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.2477	0.6045
277	2012	EXT	WB	MD	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	5.0752	1.3644
278	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.9583	0.7932
279	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.8545	1.5701
280	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	8.1337	2.1804
281	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	10.5282	2.8231
282	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.1422	1.6465
283	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.7987	1.5548
284	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	7.2243	1.9378
285	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	10.6157	2.8466
286	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.7134	1.2643
287	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	8.4099	2.2548
288	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.8703	0.2335
289	2012	EXT	WB	MD	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	9.3282	2.5023
290	2012	EXT	WB	MD	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.2120	0.0551
291	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1865	0.0488
292	2012	EXT	WB	MD	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0574	0.0149
293	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.3805	0.1098
294	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1656	0.0432
295	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2363	0.0683
296	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0996	0.0270
297	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	4.2143	1.0520

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
298	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0178	0.0047
299	2012	EXT	WB	MD	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0842	0.0218
300	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	1.0295	0.2690
301	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2623	0.0712
302	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0462	0.0120
303	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1198	0.0313
304	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2375	0.0621
305	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1504	0.0395
306	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1296	0.0340
307	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1418	0.0409
308	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1912	0.0522
309	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1387	0.0399
310	2012	EXT	WB	MD	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	1.1410	0.2871
311	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2526	0.0729
312	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1532	0.0407
313	2012	EXT	WB	MD	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.8395	0.2147
314	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0830	0.0221
315	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1888	0.0544
316	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1216	0.0324
317	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1965	0.0532
318	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0990	0.0262
319	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.4928	0.1411
320	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1194	0.0319
321	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.3544	0.1019
322	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1127	0.0307
323	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.4504	0.1183
324	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1350	0.0368
325	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.4475	0.1288
326	2012	EXT	WB	MD														
327	2012	EXT	WB	MD														
328	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1206	0.0322
329	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.4622	0.1244
330	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1043	0.0282
331	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.4048	0.1065
332	2012	EXT	WB	MD														
333	2012	EXT	WB	MD														
334	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1546	0.0405
335	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.6839	0.1761
336	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.4765	0.1224
337	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2917	0.0723
338	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0600	0.0157
339	2012	EXT	WB	MD	0.048522181	0.218769204	0.071945858	1.171745577	0.020605428	0.157155631	0.010791879	0.175761837	0.120468038	1.390514781	0.031397306	0.332917468	0.8552	0.2158
340	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	2.3031	0.5870
341	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	2.6738	0.6848
342	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2607	0.0686
343	2012	EXT	WB	MD	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.3176	0.0995
344	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.4040	0.1109
345	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0700	0.0184
346	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1649	0.0474
347	2012	EXT	WB	MD	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.2436	0.0755
348	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	1.4888	0.3766
349	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2359	0.0591
350	2012	EXT	WB	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2297	0.0589
351	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2883	0.0825
352	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1233	0.0337
353	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0717	0.0196
354	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1395	0.0401
355	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1528	0.0399
356	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1997	0.0575
357	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.4042	0.1165
358	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1688	0.0454
359	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2757	0.0794
360	2012	EXT	WB	MD	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1514	0.0411
361	2012	EXT	WB	MD	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1819	0.0563
362	2012	EXT	WB	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1474	0.0381
363	2012	EXT	WB	MD	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.3326	0.0959

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
364	2012	EXT	WB	MD														
365	2012	EXT	WB	MD														
366	2012	EXT	WB	MD														
367	2012	EXT	WB	MD														
368	2012	EXT	WB	MD														
369	2012	EXT	WB	MD														
370	2012	EXT	WB	MD														
371	2012	EXT	WB	MD														
372	2012	EXT	WB	MD														
373	2012	EXT	WB	MD														
374	2012	EXT	WB	MD														
375	2012	EXT	WB	MD														
376	2012	EXT	WB	MD														
377	2012	EXT	WB	MD														
378	2012	EXT	WB	MD														
379	2012	EXT	WB	MD														
380	2012	EXT	WB	MD														
381	2012	EXT	WB	MD														
382	2012	EXT	WB	MD														
383	2012	EXT	WB	MD														
384	2012	EXT	WB	MD														
385	2012	EXT	WB	MD														
386	2012	EXT	WB	MD														
387	2012	EXT	WB	MD														
388	2012	EXT	WB	MD														
389	2012	EXT	WB	MD														
390	2012	EXT	WB	MD														
391	2012	EXT	WB	MD														
392	2012	EXT	WB	MD														
393	2012	EXT	WB	MD														
394	2012	EXT	WB	MD														
395	2012	EXT	WB	MD														
396	2012	EXT	WB	MD														
397	2012	EXT	WB	MD														
398	2012	EXT	WB	MD														
399	2012	EXT	WB	MD														
400	2012	EXT	WB	MD														
401	2012	EXT	WB	MD														
402	2012	EXT	WB	MD														
403	2012	EXT	WB	MD														
404	2012	EXT	WB	MD														
405	2012	EXT	WB	MD														
406	2012	EXT	WB	MD														
407	2012	EXT	WB	MD														
408	2012	EXT	WB	MD														
409	2012	EXT	WB	MD														
410	2012	EXT	WB	MD														
411	2012	EXT	WB	MD														
412	2012	EXT	WB	MD														
413	2012	EXT	WB	MD														
414	2012	EXT	WB	MD														
415	2012	EXT	WB	MD														
416	2012	EXT	WB	MD														
417	2012	EXT	WB	MD														
418	2012	EXT	WB	MD														
419	2012	EXT	WB	MD	0.050453249	0.233147689	0.043235568	0.704155699	0.022375432	0.170383108	0.006485335	0.105623355	0.093688817	0.937303388	0.028860767	0.276006462	0.9936	0.3061
420	2012	EXT	WB	MD	0.050453249	0.233147689	0.043235568	0.704155699	0.022375432	0.170383108	0.006485335	0.105623355	0.093688817	0.937303388	0.028860767	0.276006462	0.6975	0.2149
421	2012	EXT	WB	MD	0.050453249	0.233147689	0.043235568	0.704155699	0.022375432	0.170383108	0.006485335	0.105623355	0.093688817	0.937303388	0.028860767	0.276006462	0.6620	0.2039
422	2012	EXT	WB	MD	0.048464393	0.231104653	0.043235568	0.704155699	0.020551922	0.168504238	0.006485335	0.105623355	0.091699961	0.935260352	0.027037257	0.274127593	0.5899	0.1739
423	2012	EXT	WB	MD	0.048464393	0.231104653	0.043235568	0.704155699	0.020551922	0.168504238	0.006485335	0.105623355	0.091699961	0.935260352	0.027037257	0.274127593	1.1374	0.3354
424	2012	EXT	WB	MD	0.048464393	0.231104653	0.043235568	0.704155699	0.020551922	0.168504238	0.006485335	0.105623355	0.091699961	0.935260352	0.027037257	0.274127593	0.2782	0.0820
425	2012	EXT	WB	MD	0.048464393	0.231104653	0.043235568	0.704155699	0.020551922	0.168504238	0.006485335	0.105623355	0.091699961	0.935260352	0.027037257	0.274127593	0.6574	0.1938
426	2012	EXT	WB	MD	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.3518	0.1042
427	2012	EXT	WB	MD	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.6726	0.1993
428	2012	EXT	WB	MD	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.9882	0.2929
429	2012	EXT	WB	MD	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	1.1969	0.3547

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
430	2012	EXT	WB	MD	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.7885	0.2337
431	2012	EXT	WB	MD	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.7107	0.2106
432	2012	EXT	WB	MD	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.8370	0.2481
433	2012	EXT	WB	MD	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	1.3135	0.3893
434	2012	EXT	WB	MD	0.048682259	0.212699761	0.043235568	0.704155699	0.020755025	0.151571693	0.006485335	0.105623355	0.091917827	0.91685546	0.02724036	0.257195048	0.5431	0.1609
435	2012	EXT	WB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	1.1266	0.3364
436	2012	EXT	WB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.1080	0.0322
437	2012	EXT	WB	MD	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	1.1984	0.3579
216	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.3702	1.7101
217	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.9155	1.5909
218	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.0278	1.0836
219	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.9569	1.6024
220	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.4583	0.9309
221	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.6838	0.9914
222	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.5593	0.9583
223	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.7322	0.4664
224	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.6306	0.4398
225	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.0446	0.2817
226	2012	EXT	WB	PM	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.6069	1.2494
227	2012	EXT	WB	PM	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.7354	0.4708
228	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.9962	0.2688
229	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.8773	1.8557
230	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.7102	0.4615
231	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.9885	1.8856
232	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.9214	0.5185
233	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.7999	1.8297
234	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	1.0909	0.2936
235	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	4.4384	1.1944
236	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	2.8696	0.7722
237	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.5650	1.2322
238	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.4920	0.4028
239	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.3423	0.3624
240	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.6262	0.4391
241	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.1813	1.6640
242	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.4207	0.1136
243	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.3984	1.4532
244	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	0.8089	0.2177
245	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.1538	1.3873
246	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.9192	1.0549
247	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.2951	1.4251
248	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	1.5925	0.4286
249	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.0885	1.3732
250	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	8.1158	2.1841
251	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.3599	1.7113
252	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	4.9005	1.3186
253	2012	EXT	WB	PM														
254	2012	EXT	WB	PM														
255	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.9606	1.6036
256	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.8090	1.0276
257	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	4.8654	1.3089
258	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.1471	1.1188
259	2012	EXT	WB	PM														
260	2012	EXT	WB	PM														
261	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.0082	1.3510
262	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	13.4326	3.6129
263	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.8319	1.8425
264	2012	EXT	WB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	2.9109	0.7726
265	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	1.5128	0.4068
266	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	9.7208	2.6135
267	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	1.4899	0.4006
268	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	0.2780	0.0747
269	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	7.4215	1.9946
270	2012	EXT	WB	PM	0.048464393	0.231104653	0.062529394	1.018384415	0.020551922	0.168504238	0.009379409	0.152757662	0.110993786	1.249489068	0.029931331	0.321261901	3.4437	0.9118
271	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.2326	1.1380
272	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.1522	0.8459
273	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.1669	0.8516

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
274	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.6499	0.9815
275	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	6.2929	1.6921
276	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	1.6945	0.4557
277	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	3.7902	1.0191
278	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	2.1502	0.5781
279	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	4.2511	1.1409
280	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.8198	1.5642
281	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	7.5455	2.0246
282	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.3205	1.1610
283	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	4.1260	1.1090
284	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	5.1507	1.3822
285	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	7.5044	2.0171
286	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	3.3370	0.8955
287	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	5.9841	1.6085
288	2012	EXT	WB	PM	0.048708271	0.249618023	0.062529394	1.018384415	0.020772484	0.185536586	0.009379409	0.152757662	0.111237665	1.268002438	0.030151893	0.338294248	0.6196	0.1666
289	2012	EXT	WB	PM	0.048525053	0.249618023	0.062529394	1.018384415	0.020606386	0.185536586	0.009379409	0.152757662	0.111054447	1.268002438	0.029985795	0.338294248	6.5422	1.7557
290	2012	EXT	WB	PM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1637	0.0426
291	2012	EXT	WB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1260	0.0330
292	2012	EXT	WB	PM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0393	0.0103
293	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2803	0.0810
294	2012	EXT	WB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1115	0.0291
295	2012	EXT	WB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1748	0.0540
296	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0973	0.0281
297	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	3.7499	0.9630
298	2012	EXT	WB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0097	0.0025
299	2012	EXT	WB	PM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0458	0.0118
300	2012	EXT	WB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.8301	0.2170
301	2012	EXT	WB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2074	0.0566
302	2012	EXT	WB	PM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0295	0.0076
303	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1147	0.0304
304	2012	EXT	WB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1713	0.0448
305	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1296	0.0343
306	2012	EXT	WB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0731	0.0192
307	2012	EXT	WB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1174	0.0363
308	2012	EXT	WB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1241	0.0339
309	2012	EXT	WB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1339	0.0416
310	2012	EXT	WB	PM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.7069	0.1804
311	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2378	0.0687
312	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1216	0.0325
313	2012	EXT	WB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.6753	0.1760
314	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0686	0.0183
315	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1688	0.0487
316	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0840	0.0224
317	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1674	0.0483
318	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1060	0.0282
319	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2141	0.0616
320	2012	EXT	WB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1004	0.0277
321	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1744	0.0503
322	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0904	0.0261
323	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.3125	0.0827
324	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1142	0.0330
325	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2833	0.0816
326	2012	EXT	WB	PM														
327	2012	EXT	WB	PM														
328	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0914	0.0245
329	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.3156	0.0910
330	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0912	0.0263
331	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2900	0.0768
332	2012	EXT	WB	PM														
333	2012	EXT	WB	PM														
334	2012	EXT	WB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1181	0.0321
335	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.4653	0.1210
336	2012	EXT	WB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.3021	0.0776
337	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2538	0.0657
338	2012	EXT	WB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0512	0.0136
339	2012	EXT	WB	PM	0.048522181	0.218769204	0.071945858	1.171745577	0.020605428	0.157155631	0.010791879	0.175761837	0.120468038	1.390514781	0.031397306	0.332917468	0.6294	0.1603

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
340	2012	EXT	WB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	1.3029	0.3367
341	2012	EXT	WB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	2.5348	0.6715
342	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1501	0.0393
343	2012	EXT	WB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.2315	0.0724
344	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.3017	0.0872
345	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0699	0.0201
346	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1476	0.0425
347	2012	EXT	WB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1537	0.0476
348	2012	EXT	WB	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.9716	0.2463
349	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2053	0.0538
350	2012	EXT	WB	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2098	0.0557
351	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1526	0.0438
352	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.0913	0.0264
353	2012	EXT	WB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.0697	0.0215
354	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1032	0.0297
355	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1637	0.0472
356	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1758	0.0507
357	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.3015	0.0870
358	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1402	0.0405
359	2012	EXT	WB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.2077	0.0644
360	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.1148	0.0331
361	2012	EXT	WB	PM	0.057814883	0.4023333	0.071945858	1.171745577	0.029116216	0.326031599	0.010791879	0.175761837	0.129760741	1.574078877	0.039908095	0.501793435	0.1301	0.0403
362	2012	EXT	WB	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1484	0.0402
363	2012	EXT	WB	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2724	0.0786
364	2012	EXT	WB	PM														
365	2012	EXT	WB	PM														
366	2012	EXT	WB	PM														
367	2012	EXT	WB	PM														
368	2012	EXT	WB	PM														
369	2012	EXT	WB	PM														
370	2012	EXT	WB	PM														
371	2012	EXT	WB	PM														
372	2012	EXT	WB	PM														
373	2012	EXT	WB	PM														
374	2012	EXT	WB	PM														
375	2012	EXT	WB	PM														
376	2012	EXT	WB	PM														
377	2012	EXT	WB	PM														
378	2012	EXT	WB	PM														
379	2012	EXT	WB	PM														
380	2012	EXT	WB	PM														
381	2012	EXT	WB	PM														
382	2012	EXT	WB	PM														
383	2012	EXT	WB	PM														
384	2012	EXT	WB	PM														
385	2012	EXT	WB	PM														
386	2012	EXT	WB	PM														
387	2012	EXT	WB	PM														
388	2012	EXT	WB	PM														
389	2012	EXT	WB	PM														
390	2012	EXT	WB	PM														
391	2012	EXT	WB	PM														
392	2012	EXT	WB	PM														
393	2012	EXT	WB	PM														
394	2012	EXT	WB	PM														
395	2012	EXT	WB	PM														
396	2012	EXT	WB	PM														
397	2012	EXT	WB	PM														
398	2012	EXT	WB	PM														
399	2012	EXT	WB	PM														
400	2012	EXT	WB	PM														
401	2012	EXT	WB	PM														
402	2012	EXT	WB	PM														
403	2012	EXT	WB	PM														
404	2012	EXT	WB	PM														
405	2012	EXT	WB	PM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
406	2012	EXT	WB	PM														
407	2012	EXT	WB	PM														
408	2012	EXT	WB	PM														
409	2012	EXT	WB	PM														
410	2012	EXT	WB	PM														
411	2012	EXT	WB	PM														
412	2012	EXT	WB	PM														
413	2012	EXT	WB	PM														
414	2012	EXT	WB	PM														
415	2012	EXT	WB	PM														
416	2012	EXT	WB	PM														
417	2012	EXT	WB	PM														
418	2012	EXT	WB	PM														
419	2012	EXT	WB	PM	0.051773959	0.253103501	0.043235568	0.704155699	0.023586262	0.188742127	0.006485335	0.105623355	0.095009527	0.957259201	0.030071598	0.294365482	0.7325	0.2318
420	2012	EXT	WB	PM	0.051773959	0.253103501	0.043235568	0.704155699	0.023586262	0.188742127	0.006485335	0.105623355	0.095009527	0.957259201	0.030071598	0.294365482	0.5142	0.1628
421	2012	EXT	WB	PM	0.051773959	0.253103501	0.043235568	0.704155699	0.023586262	0.188742127	0.006485335	0.105623355	0.095009527	0.957259201	0.030071598	0.294365482	0.4879	0.1544
422	2012	EXT	WB	PM	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.4576	0.1351
423	2012	EXT	WB	PM	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.8823	0.2605
424	2012	EXT	WB	PM	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.2158	0.0637
425	2012	EXT	WB	PM	0.048522181	0.218769204	0.043235568	0.704155699	0.020605428	0.157155631	0.006485335	0.105623355	0.091757749	0.922924903	0.027090763	0.262778986	0.5099	0.1505
426	2012	EXT	WB	PM	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.2715	0.0811
427	2012	EXT	WB	PM	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.5191	0.1550
428	2012	EXT	WB	PM	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.7627	0.2278
429	2012	EXT	WB	PM	0.049016792	0.2130122	0.043235568	0.704155699	0.021062382	0.151859025	0.006485335	0.105623355	0.09225236	0.917167899	0.027547718	0.25748238	0.9238	0.2759
430	2012	EXT	WB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.6084	0.1840
431	2012	EXT	WB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.5484	0.1658
432	2012	EXT	WB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.6459	0.1953
433	2012	EXT	WB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	1.0135	0.3065
434	2012	EXT	WB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.4190	0.1267
435	2012	EXT	WB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.8271	0.2501
436	2012	EXT	WB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.0793	0.0240
437	2012	EXT	WB	PM	0.049584493	0.219833528	0.043235568	0.704155699	0.021580928	0.158134385	0.006485335	0.105623355	0.092820061	0.923989227	0.028066263	0.263757739	0.8797	0.2660
216	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.3704	1.9797
217	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.0079	1.8821
218	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.6591	1.2519
219	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.8701	1.8454
220	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	3.8441	1.0337
221	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.1588	1.1180
222	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	3.9462	1.0615
223	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.8636	0.5014
224	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.6214	0.7047
225	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.6950	0.4556
226	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.5325	2.0245
227	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.6449	0.7112
228	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.4071	0.3787
229	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.8436	2.6488
230	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.3149	0.6230
231	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.6640	2.6002
232	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.5468	0.6854
233	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.1429	2.4602
234	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.4307	0.3851
235	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	5.9108	1.5907
236	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	3.6806	0.9907
237	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.0594	1.6298
238	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.8942	0.5097
239	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.6691	0.4491
240	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.9206	0.5171
241	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.4112	1.9952
242	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	0.4947	0.1332
243	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.4518	1.7370
244	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	0.9508	0.2560
245	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.2037	1.6702
246	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.6802	1.2600
247	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.4495	1.7357
248	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.9438	0.5232
249	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.3660	1.7128

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
250	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.9279	2.6719
251	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	8.0246	2.1587
252	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.2049	1.6695
253	2012	EXT	WB	NT														
254	2012	EXT	WB	NT														
255	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.7939	2.0960
256	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.6999	1.2644
257	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.1850	1.6635
258	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	5.1605	1.3884
259	2012	EXT	WB	NT														
260	2012	EXT	WB	NT														
261	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.3524	1.7086
262	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	16.9528	4.5600
263	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	8.6359	2.3224
264	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	3.5391	0.9516
265	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	1.8268	0.4912
266	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	12.0891	3.2486
267	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.0541	0.5520
268	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	0.3557	0.0956
269	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.6546	2.5948
270	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.4572	1.1981
271	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.1621	1.6522
272	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.4556	1.1947
273	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.3702	1.1719
274	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	5.0545	1.3552
275	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.0050	2.4137
276	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.3284	0.6243
277	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	5.3353	1.4300
278	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	2.9450	0.7893
279	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	5.8039	1.5561
280	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	8.2216	2.2032
281	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	10.2473	2.7467
282	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	6.0938	1.6328
283	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	5.6585	1.5167
284	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	7.0273	1.8847
285	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	10.5523	2.8291
286	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	4.5856	1.2300
287	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	8.2918	2.2226
288	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	0.8380	0.2248
289	2012	EXT	WB	NT	0.049109559	0.249618023	0.062529394	1.018384415	0.021128623	0.185536586	0.009379409	0.152757662	0.111638953	1.268002438	0.030508032	0.338294248	9.0988	2.4399
290	2012	EXT	WB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0622	0.0161
291	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0934	0.0243
292	2012	EXT	WB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0536	0.0139
293	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2258	0.0614
294	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0798	0.0207
295	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1457	0.0397
296	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0475	0.0128
297	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.9161	0.2365
298	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0090	0.0023
299	2012	EXT	WB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0360	0.0092
300	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.5550	0.1443
301	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1872	0.0478
302	2012	EXT	WB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0205	0.0052
303	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0762	0.0193
304	2012	EXT	WB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1376	0.0352
305	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0981	0.0250
306	2012	EXT	WB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0591	0.0152
307	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1047	0.0282
308	2012	EXT	WB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1095	0.0288
309	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0941	0.0251
310	2012	EXT	WB	NT	0.048522181	0.218769204	0.071945858	1.171745577	0.020605428	0.157155631	0.010791879	0.175761837	0.120468038	1.390514781	0.031397306	0.332917468	0.8484	0.2106
311	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1570	0.0424
312	2012	EXT	WB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0421	0.0110
313	2012	EXT	WB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.5796	0.1461
314	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0434	0.0112
315	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1398	0.0376

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
316	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0618	0.0160
317	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1319	0.0353
318	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0504	0.0131
319	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2185	0.0576
320	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0757	0.0198
321	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2163	0.0577
322	2012	EXT	WB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0740	0.0194
323	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2926	0.0741
324	2012	EXT	WB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0861	0.0227
325	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.3667	0.0977
326	2012	EXT	WB	NT														
327	2012	EXT	WB	NT														
328	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0692	0.0181
329	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2084	0.0561
330	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0692	0.0177
331	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2828	0.0717
332	2012	EXT	WB	NT														
333	2012	EXT	WB	NT														
334	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1130	0.0287
335	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.5601	0.1396
336	2012	EXT	WB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.3597	0.0900
337	2012	EXT	WB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1844	0.0448
338	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0540	0.0140
339	2012	EXT	WB	NT	0.048464393	0.231104653	0.071945858	1.171745577	0.020551922	0.168504238	0.010791879	0.175761837	0.120410251	1.40285023	0.0313438	0.344266075	0.6607	0.1665
340	2012	EXT	WB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	2.6493	0.6481
341	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	1.9468	0.4872
342	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1294	0.0325
343	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2410	0.0638
344	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1444	0.0365
345	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0481	0.0126
346	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1284	0.0340
347	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2532	0.0694
348	2012	EXT	WB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.9612	0.2364
349	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1651	0.0413
350	2012	EXT	WB	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1615	0.0409
351	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1391	0.0364
352	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1077	0.0290
353	2012	EXT	WB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.0462	0.0123
354	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.0578	0.0155
355	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1000	0.0255
356	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1226	0.0331
357	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.3609	0.0979
358	2012	EXT	WB	NT	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1097	0.0286
359	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1836	0.0496
360	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0883	0.0225
361	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.1156	0.0312
362	2012	EXT	WB	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0890	0.0224
363	2012	EXT	WB	NT	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2008	0.0543
364	2012	EXT	WB	NT														
365	2012	EXT	WB	NT														
366	2012	EXT	WB	NT														
367	2012	EXT	WB	NT														
368	2012	EXT	WB	NT														
369	2012	EXT	WB	NT														
370	2012	EXT	WB	NT														
371	2012	EXT	WB	NT														
372	2012	EXT	WB	NT														
373	2012	EXT	WB	NT														
374	2012	EXT	WB	NT														
375	2012	EXT	WB	NT														
376	2012	EXT	WB	NT														
377	2012	EXT	WB	NT														
378	2012	EXT	WB	NT														
379	2012	EXT	WB	NT														
380	2012	EXT	WB	NT														
381	2012	EXT	WB	NT														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
382	2012	EXT	WB	NT														
383	2012	EXT	WB	NT														
384	2012	EXT	WB	NT														
385	2012	EXT	WB	NT														
386	2012	EXT	WB	NT														
387	2012	EXT	WB	NT														
388	2012	EXT	WB	NT														
389	2012	EXT	WB	NT														
390	2012	EXT	WB	NT														
391	2012	EXT	WB	NT														
392	2012	EXT	WB	NT														
393	2012	EXT	WB	NT														
394	2012	EXT	WB	NT														
395	2012	EXT	WB	NT														
396	2012	EXT	WB	NT														
397	2012	EXT	WB	NT														
398	2012	EXT	WB	NT														
399	2012	EXT	WB	NT														
400	2012	EXT	WB	NT														
401	2012	EXT	WB	NT														
402	2012	EXT	WB	NT														
403	2012	EXT	WB	NT														
404	2012	EXT	WB	NT														
405	2012	EXT	WB	NT														
406	2012	EXT	WB	NT														
407	2012	EXT	WB	NT														
408	2012	EXT	WB	NT														
409	2012	EXT	WB	NT														
410	2012	EXT	WB	NT														
411	2012	EXT	WB	NT														
412	2012	EXT	WB	NT														
413	2012	EXT	WB	NT														
414	2012	EXT	WB	NT														
415	2012	EXT	WB	NT														
416	2012	EXT	WB	NT														
417	2012	EXT	WB	NT														
418	2012	EXT	WB	NT														
419	2012	EXT	WB	NT	0.048464393	0.231104653	0.043235568	0.704155699	0.020551922	0.168504238	0.006485335	0.105623355	0.091699961	0.935260352	0.027037257	0.274127593	0.7150	0.2108
420	2012	EXT	WB	NT	0.048464393	0.231104653	0.043235568	0.704155699	0.020551922	0.168504238	0.006485335	0.105623355	0.091699961	0.935260352	0.027037257	0.274127593	0.5019	0.1480
421	2012	EXT	WB	NT	0.048464393	0.231104653	0.043235568	0.704155699	0.020551922	0.168504238	0.006485335	0.105623355	0.091699961	0.935260352	0.027037257	0.274127593	0.4835	0.1425
422	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.3498	0.1037
423	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.6744	0.1999
424	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.1649	0.0489
425	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.3897	0.1155
426	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.2148	0.0637
427	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.4106	0.1217
428	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.6034	0.1789
429	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.7308	0.2167
430	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.4750	0.1408
431	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.4281	0.1269
432	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.5042	0.1495
433	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.7913	0.2346
434	2012	EXT	WB	NT	0.048708271	0.249618023	0.043235568	0.704155699	0.020772484	0.185536586	0.006485335	0.105623355	0.091943839	0.953773722	0.02725782	0.291159941	0.3272	0.0970
435	2012	EXT	WB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	0.7801	0.2303
436	2012	EXT	WB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	0.0748	0.0221
437	2012	EXT	WB	NT	0.048525053	0.249618023	0.043235568	0.704155699	0.020606386	0.185536586	0.006485335	0.105623355	0.091760621	0.953773722	0.027091721	0.291159941	0.8297	0.2450
1	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.2001	0.5163
2	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.4556	1.2757
3	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.2500	0.0587
4	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.5599	1.0646
5	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.7693	0.4156
6	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.7169	0.6347
7	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.1070	0.9634
8	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.1123	1.1926
9	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.3256	1.0145
10	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.3126	0.3065

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
11	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.7797	0.6542
12	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.9109	0.4496
13	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6483	0.3914
14	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.6447	0.6257
15	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.4437	0.8148
16	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.9844	0.4687
17	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.3224	0.7819
18	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.8593	0.6820
19	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0976	0.5004
20	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.3674	1.0361
21	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.4613	0.1094
22	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6795	0.4035
23	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.7120	0.4107
24	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.4791	0.3565
25	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.9859	0.2378
26	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.1806	1.9802
27	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.1072	1.4759
28	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.3877	0.8216
29	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2592	0.5495
30	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.8217	0.9302
31	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.8665	0.6987
32	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.2410	0.7888
33	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0609	0.7477
34	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.5604	0.8676
35	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.9276	0.4727
36	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.3093	0.5663
37	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.1104	0.7628
38	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.6954	1.1524
39	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.8328	1.1905
40	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.1598	0.7770
41	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.2100	0.2983
42	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.7126	0.9139
43	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.5471	0.3817
44	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.4465	0.6036
45	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0898	0.2692
46	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0116	0.7436
47	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.1643	0.0406
48	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.3449	0.8258
49	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.2764	0.0683
50	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.3600	1.0778
51	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.7428	0.1832
52	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.0978	0.2701
53	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.8471	0.2075
54	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.5496	1.1131
55	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.0969	0.5133
56	2025	ALT1	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.7368	0.6676
57	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.4227	0.3479
58	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.8197	1.1748
59	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.1778	0.2874
60	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.8370	1.1762
61	2025	ALT1	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.0316	0.2520
62	2025	ALT1	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.0525	0.4987
63	2025	ALT1	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.8083	0.1957
64	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.4913	0.5969
65	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.7928	0.1901
66	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.3093	0.0726
67	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.3183	0.5382
68	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6580	0.3861
69	2025	ALT1	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.9771	0.9165
70	2025	ALT1	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.3286	0.5393
71	2025	ALT1	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.0626	0.7037
72	2025	ALT1	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.8887	0.6668
73	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1097	0.0272
74	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0717	0.0183
75	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0858	0.0222
76	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1117	0.0289

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
77	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0969	0.0251
78	2025	ALT1	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0900	0.0245
79	2025	ALT1	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1126	0.0305
80	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2078	0.0547
81	2025	ALT1	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2678	0.0649
82	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2180	0.0582
83	2025	ALT1	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0713	0.0164
84	2025	ALT1	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1114	0.0282
85	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2413	0.0576
86	2025	ALT1	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2573	0.0604
87	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0560	0.0134
88	2025	ALT1	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1420	0.0339
89	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0397	0.0101
90	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0611	0.0130
91	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2196	0.0536
92	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0968	0.0223
93	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	2.3631	0.5113
94	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.7586	0.1823
95	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1544	0.0379
96	2025	ALT1	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2314	0.0556
97	2025	ALT1	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1325	0.0299
98	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0842	0.0185
99	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2352	0.0537
100	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2632	0.0634
101	2025	ALT1	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1160	0.0267
102	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1182	0.0286
103	2025	ALT1	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0508	0.0123
104	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1439	0.0369
105	2025	ALT1	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1226	0.0298
106	2025	ALT1	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0218	0.0062
107	2025	ALT1	EB	AM														
108	2025	ALT1	EB	AM														
109	2025	ALT1	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1415	0.0337
110	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2480	0.0637
111	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0827	0.0201
112	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1961	0.0496
113	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1469	0.0370
114	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1264	0.0338
115	2025	ALT1	EB	AM														
116	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0469	0.0122
117	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1045	0.0259
118	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0523	0.0134
119	2025	ALT1	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1546	0.0382
120	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0539	0.0138
121	2025	ALT1	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2788	0.0662
122	2025	ALT1	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	2.0621	0.4952
123	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.4244	0.3396
124	2025	ALT1	EB	AM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.0740	0.0225
125	2025	ALT1	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1676	0.0452
126	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0337	0.0084
127	2025	ALT1	EB	AM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1943	0.0576
128	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0071	0.0018
129	2025	ALT1	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2491	0.0677
130	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0800	0.0193
131	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3408	0.0886
132	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0482	0.0115
133	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3053	0.0803
134	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.6065	0.1456
135	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2678	0.0690
136	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0144	0.0035
137	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	2.4915	0.5364
138	2025	ALT1	EB	AM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.0769	0.0230
139	2025	ALT1	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0639	0.0162
140	2025	ALT1	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1818	0.0478
141	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0271	0.0068
142	2025	ALT1	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1136	0.0283

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
143	2025	ALT1	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0755	0.0189
144	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1167	0.0337
145	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3082	0.0890
146	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0133	0.0038
147	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2606	0.0753
148	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0948	0.0274
149	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1711	0.0494
150	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2385	0.0689
151	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3221	0.0930
152	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2555	0.0738
153	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1032	0.0298
154	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1974	0.0570
155	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1467	0.0424
156	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1154	0.0333
157	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2030	0.0587
158	2025	ALT1	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2340	0.0676
159	2025	ALT1	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1624	0.0469
160	2025	ALT1	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3027	0.0875
161	2025	ALT1	EB	AM														
162	2025	ALT1	EB	AM														
163	2025	ALT1	EB	AM														
164	2025	ALT1	EB	AM														
165	2025	ALT1	EB	AM														
166	2025	ALT1	EB	AM														
167	2025	ALT1	EB	AM														
168	2025	ALT1	EB	AM														
169	2025	ALT1	EB	AM														
170	2025	ALT1	EB	AM														
171	2025	ALT1	EB	AM														
172	2025	ALT1	EB	AM														
173	2025	ALT1	EB	AM														
174	2025	ALT1	EB	AM														
175	2025	ALT1	EB	AM														
176	2025	ALT1	EB	AM														
177	2025	ALT1	EB	AM														
178	2025	ALT1	EB	AM														
179	2025	ALT1	EB	AM														
180	2025	ALT1	EB	AM														
181	2025	ALT1	EB	AM														
182	2025	ALT1	EB	AM														
183	2025	ALT1	EB	AM														
184	2025	ALT1	EB	AM														
185	2025	ALT1	EB	AM														
186	2025	ALT1	EB	AM														
187	2025	ALT1	EB	AM														
188	2025	ALT1	EB	AM														
189	2025	ALT1	EB	AM														
190	2025	ALT1	EB	AM														
191	2025	ALT1	EB	AM														
192	2025	ALT1	EB	AM														
193	2025	ALT1	EB	AM														
194	2025	ALT1	EB	AM														
195	2025	ALT1	EB	AM														
196	2025	ALT1	EB	AM														
197	2025	ALT1	EB	AM														
198	2025	ALT1	EB	AM														
199	2025	ALT1	EB	AM														
200	2025	ALT1	EB	AM														
201	2025	ALT1	EB	AM														
202	2025	ALT1	EB	AM														
203	2025	ALT1	EB	AM														
204	2025	ALT1	EB	AM														
205	2025	ALT1	EB	AM														
206	2025	ALT1	EB	AM														
207	2025	ALT1	EB	AM														
208	2025	ALT1	EB	AM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
209	2025	ALT1	EB	AM														
210	2025	ALT1	EB	AM														
211	2025	ALT1	EB	AM														
212	2025	ALT1	EB	AM														
213	2025	ALT1	EB	AM														
214	2025	ALT1	EB	AM														
215	2025	ALT1	EB	AM														
1	2025	ALT1	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.0139	1.1351
2	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	12.5242	2.8276
3	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.5660	0.1281
4	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.4105	2.3441
5	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0031	0.9065
6	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.1904	1.3931
7	2025	ALT1	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.2492	2.0906
8	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.5883	2.6058
9	2025	ALT1	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.6675	2.1808
10	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9439	0.6594
11	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.0500	1.3661
12	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1177	0.9270
13	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.4562	0.7831
14	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.6567	1.2784
15	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.4572	1.6965
16	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.2794	0.9710
17	2025	ALT1	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.2980	1.6494
18	2025	ALT1	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.3875	1.4748
19	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.7304	1.0935
20	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.0746	2.3210
21	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0817	0.2497
22	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.6448	0.8559
23	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.7362	0.8771
24	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.1356	0.7391
25	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0908	0.4933
26	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	17.5458	4.1633
27	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	13.2691	3.1469
28	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.3417	1.7477
29	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.8169	1.1479
30	2025	ALT1	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.1088	1.9406
31	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.9726	1.4243
32	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.7359	1.6027
33	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.2322	1.4861
34	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.0887	1.6836
35	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.7872	0.9054
36	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.5373	1.0847
37	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.1113	1.4609
38	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.0833	2.1691
39	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.2068	2.2054
40	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.0796	1.4550
41	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.3183	0.5566
42	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.0883	1.6974
43	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9523	0.7092
44	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.6685	1.1214
45	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0791	0.5000
46	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.7303	1.3774
47	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.3153	0.0760
48	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.4274	1.5462
49	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.5320	0.1282
50	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.7161	2.1012
51	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.5046	0.3614
52	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2351	0.5374
53	2025	ALT1	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.7352	0.4148
54	2025	ALT1	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.5163	2.2736
55	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.4419	1.0651
56	2025	ALT1	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.8286	1.3923
57	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0750	0.7375
58	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.6518	2.5513
59	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.6525	0.6373

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
60	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.2181	2.6938
61	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.4177	0.5815
62	2025	ALT1	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.9222	1.1850
63	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.9380	0.4632
64	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.1824	1.4746
65	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0133	0.4818
66	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.7509	0.1751
67	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.7742	1.3360
68	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1412	0.9616
69	2025	ALT1	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.1425	2.3374
70	2025	ALT1	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.9347	1.3745
71	2025	ALT1	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.8965	1.8173
72	2025	ALT1	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.4318	1.7175
73	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2236	0.0542
74	2025	ALT1	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1269	0.0309
75	2025	ALT1	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1737	0.0436
76	2025	ALT1	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2204	0.0565
77	2025	ALT1	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1984	0.0502
78	2025	ALT1	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1741	0.0457
79	2025	ALT1	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2351	0.0620
80	2025	ALT1	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3687	0.0931
81	2025	ALT1	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.5509	0.1297
82	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3328	0.0834
83	2025	ALT1	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1743	0.0394
84	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1740	0.0422
85	2025	ALT1	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4023	0.0900
86	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.6106	0.1438
87	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1303	0.0307
88	2025	ALT1	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2553	0.0576
89	2025	ALT1	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0791	0.0197
90	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1992	0.0444
91	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4150	0.0978
92	2025	ALT1	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.3022	0.0762
93	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	7.0176	1.4720
94	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	1.6057	0.3726
95	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2844	0.0680
96	2025	ALT1	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.5002	0.1176
97	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2491	0.0521
98	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2531	0.0570
99	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.5190	0.1157
100	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4966	0.1151
101	2025	ALT1	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2762	0.0624
102	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1762	0.0407
103	2025	ALT1	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1108	0.0264
104	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2172	0.0537
105	2025	ALT1	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2826	0.0672
106	2025	ALT1	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0377	0.0104
107	2025	ALT1	EB	MD														
108	2025	ALT1	EB	MD														
109	2025	ALT1	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3121	0.0733
110	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3988	0.0991
111	2025	ALT1	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1428	0.0331
112	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3614	0.0894
113	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2961	0.0732
114	2025	ALT1	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2408	0.0633
115	2025	ALT1	EB	MD														
116	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0874	0.0223
117	2025	ALT1	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2066	0.0489
118	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1290	0.0330
119	2025	ALT1	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2900	0.0700
120	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1091	0.0276
121	2025	ALT1	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4493	0.1034
122	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	4.2904	0.9849
123	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	2.9533	0.6871
124	2025	ALT1	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1341	0.0365
125	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2476	0.0595

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
126	2025	ALT1	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1004	0.0257
127	2025	ALT1	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.3712	0.0973
128	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0394	0.0103
129	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4261	0.1031
130	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2441	0.0593
131	2025	ALT1	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.5642	0.1331
132	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1811	0.0444
133	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5795	0.1434
134	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.4408	0.3416
135	2025	ALT1	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5194	0.1253
136	2025	ALT1	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0638	0.0168
137	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	5.5384	1.1582
138	2025	ALT1	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1465	0.0397
139	2025	ALT1	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1759	0.0461
140	2025	ALT1	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3716	0.0964
141	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0664	0.0166
142	2025	ALT1	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2472	0.0613
143	2025	ALT1	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1857	0.0463
144	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3034	0.0876
145	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.8010	0.2312
146	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.0346	0.0100
147	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6773	0.1955
148	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2463	0.0711
149	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4349	0.1255
150	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6062	0.1750
151	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.8185	0.2362
152	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6492	0.1874
153	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2685	0.0775
154	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.5136	0.1482
155	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3816	0.1101
156	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3003	0.0867
157	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.5283	0.1525
158	2025	ALT1	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6089	0.1757
159	2025	ALT1	EB	MD	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.4324	0.1261
160	2025	ALT1	EB	MD	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.8058	0.2350
161	2025	ALT1	EB	MD														
162	2025	ALT1	EB	MD														
163	2025	ALT1	EB	MD														
164	2025	ALT1	EB	MD														
165	2025	ALT1	EB	MD														
166	2025	ALT1	EB	MD														
167	2025	ALT1	EB	MD														
168	2025	ALT1	EB	MD														
169	2025	ALT1	EB	MD														
170	2025	ALT1	EB	MD														
171	2025	ALT1	EB	MD														
172	2025	ALT1	EB	MD														
173	2025	ALT1	EB	MD														
174	2025	ALT1	EB	MD														
175	2025	ALT1	EB	MD														
176	2025	ALT1	EB	MD														
177	2025	ALT1	EB	MD														
178	2025	ALT1	EB	MD														
179	2025	ALT1	EB	MD														
180	2025	ALT1	EB	MD														
181	2025	ALT1	EB	MD														
182	2025	ALT1	EB	MD														
183	2025	ALT1	EB	MD														
184	2025	ALT1	EB	MD														
185	2025	ALT1	EB	MD														
186	2025	ALT1	EB	MD														
187	2025	ALT1	EB	MD														
188	2025	ALT1	EB	MD														
189	2025	ALT1	EB	MD														
190	2025	ALT1	EB	MD														
191	2025	ALT1	EB	MD														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
192	2025	ALT1	EB	MD														
193	2025	ALT1	EB	MD														
194	2025	ALT1	EB	MD														
195	2025	ALT1	EB	MD														
196	2025	ALT1	EB	MD														
197	2025	ALT1	EB	MD														
198	2025	ALT1	EB	MD														
199	2025	ALT1	EB	MD														
200	2025	ALT1	EB	MD														
201	2025	ALT1	EB	MD														
202	2025	ALT1	EB	MD														
203	2025	ALT1	EB	MD														
204	2025	ALT1	EB	MD														
205	2025	ALT1	EB	MD														
206	2025	ALT1	EB	MD														
207	2025	ALT1	EB	MD														
208	2025	ALT1	EB	MD														
209	2025	ALT1	EB	MD														
210	2025	ALT1	EB	MD														
211	2025	ALT1	EB	MD														
212	2025	ALT1	EB	MD														
213	2025	ALT1	EB	MD														
214	2025	ALT1	EB	MD														
215	2025	ALT1	EB	MD														
1	2025	ALT1	EB	PM	0.047875337	0.115640182	0.062529394	1.018384415	0.020082203	0.061575653	0.009379409	0.152757662	0.11040473	1.134024597	0.029461612	0.214333316	3.9163	0.9106
2	2025	ALT1	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	9.8102	2.2688
3	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	0.4450	0.1035
4	2025	ALT1	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	8.2157	1.8950
5	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.1515	0.7328
6	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.8859	1.1293
7	2025	ALT1	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	7.2661	1.6752
8	2025	ALT1	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	9.1913	2.1080
9	2025	ALT1	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	7.6322	1.7546
10	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	2.2949	0.5258
11	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.6508	1.0716
12	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.2591	0.7507
13	2025	ALT1	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.7978	0.6542
14	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.5503	1.0578
15	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.8909	1.3694
16	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.4228	0.7958
17	2025	ALT1	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	5.8413	1.3511
18	2025	ALT1	EB	PM	0.048280698	0.115492142	0.062529394	1.018384415	0.020458137	0.061439752	0.009379409	0.152757662	0.110810092	1.133876557	0.029837546	0.214197414	5.1214	1.2164
19	2025	ALT1	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.8305	0.9035
20	2025	ALT1	EB	PM	0.047875337	0.115640182	0.062529394	1.018384415	0.020082203	0.061575653	0.009379409	0.152757662	0.11040473	1.134024597	0.029461612	0.214333316	8.3542	1.9802
21	2025	ALT1	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	0.8853	0.2099
22	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.1750	0.7629
23	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.3882	0.8159
24	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.8053	0.6819
25	2025	ALT1	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	1.8552	0.4482
26	2025	ALT1	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	15.8767	3.8541
27	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	12.0384	2.9401
28	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.9581	1.6930
29	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.6226	1.1313
30	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.7738	1.9017
31	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.7188	1.3998
32	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.3347	1.5392
33	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.8126	1.4141
34	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.8235	1.6524
35	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.5780	0.8740
36	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.2867	1.0471
37	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.7737	1.4104
38	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.7039	2.1188
39	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.6873	2.1181
40	2025	ALT1	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.6661	1.3823
41	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.1388	0.5225
42	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.5888	1.6047

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
43	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.7028	0.6594
44	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.2673	1.0365
45	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.9231	0.4698
46	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.3856	1.3147
47	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.2996	0.0733
48	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.1880	1.5135
49	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.5101	0.1249
50	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.0409	1.9642
51	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.2857	0.3139
52	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.8120	0.4416
53	2025	ALT1	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	1.4256	0.3460
54	2025	ALT1	EB	PM	0.047875337	0.115640182	0.062529394	1.018384415	0.020082203	0.061575653	0.009379409	0.152757662	0.11040473	1.134024597	0.029461612	0.214333316	7.8412	1.9140
55	2025	ALT1	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.6455	0.8882
56	2025	ALT1	EB	PM	0.047875337	0.115640182	0.062529394	1.018384415	0.020082203	0.061575653	0.009379409	0.152757662	0.11040473	1.134024597	0.029461612	0.214333316	4.9027	1.1976
57	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.6136	0.6415
58	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	9.2828	2.2674
59	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	2.3605	0.5790
60	2025	ALT1	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	10.2252	2.5046
61	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	2.2497	0.5534
62	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.7138	1.1632
63	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.8337	0.4499
64	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.1246	1.5011
65	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.9988	0.4896
66	2025	ALT1	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	0.6974	0.1671
67	2025	ALT1	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	5.4957	1.3116
68	2025	ALT1	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.9198	0.9404
69	2025	ALT1	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	9.8297	2.3398
70	2025	ALT1	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.7683	1.3886
71	2025	ALT1	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.6745	1.8344
72	2025	ALT1	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.3125	1.7580
73	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1656	0.0434
74	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1050	0.0261
75	2025	ALT1	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1284	0.0349
76	2025	ALT1	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1653	0.0449
77	2025	ALT1	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1635	0.0454
78	2025	ALT1	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1310	0.0341
79	2025	ALT1	EB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1678	0.0499
80	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2658	0.0687
81	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5363	0.1336
82	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2077	0.0529
83	2025	ALT1	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0907	0.0203
84	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1709	0.0422
85	2025	ALT1	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3495	0.0830
86	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.4337	0.1098
87	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1212	0.0315
88	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2009	0.0464
89	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0567	0.0146
90	2025	ALT1	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2368	0.0630
91	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2662	0.0600
92	2025	ALT1	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2052	0.0549
93	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	4.8181	1.0794
94	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	1.1203	0.2649
95	2025	ALT1	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2405	0.0651
96	2025	ALT1	EB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3450	0.0834
97	2025	ALT1	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1688	0.0364
98	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2315	0.0549
99	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3568	0.0850
100	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.5203	0.1265
101	2025	ALT1	EB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2626	0.0624
102	2025	ALT1	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1581	0.0381
103	2025	ALT1	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1349	0.0335
104	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1736	0.0436
105	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2245	0.0584
106	2025	ALT1	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0284	0.0080
107	2025	ALT1	EB	PM														
108	2025	ALT1	EB	PM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
109	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2668	0.0673
110	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3047	0.0764
111	2025	ALT1	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1527	0.0367
112	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3062	0.0807
113	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2507	0.0663
114	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1586	0.0421
115	2025	ALT1	EB	PM														
116	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1188	0.0303
117	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1477	0.0365
118	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1570	0.0409
119	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2127	0.0519
120	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0927	0.0240
121	2025	ALT1	EB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.5163	0.1234
122	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	3.0822	0.7502
123	2025	ALT1	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.8951	0.4450
124	2025	ALT1	EB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.0936	0.0276
125	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1989	0.0466
126	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0787	0.0210
127	2025	ALT1	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2276	0.0616
128	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0484	0.0133
129	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2615	0.0650
130	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2804	0.0712
131	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3536	0.0848
132	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2741	0.0700
133	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3758	0.0939
134	2025	ALT1	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.5038	0.3757
135	2025	ALT1	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3280	0.0815
136	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0676	0.0184
137	2025	ALT1	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	4.3996	0.9761
138	2025	ALT1	EB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1080	0.0318
139	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1389	0.0372
140	2025	ALT1	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2630	0.0745
141	2025	ALT1	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0663	0.0168
142	2025	ALT1	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2429	0.0656
143	2025	ALT1	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2399	0.0606
144	2025	ALT1	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.3193	0.0925
145	2025	ALT1	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.8429	0.2443
146	2025	ALT1	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.0364	0.0105
147	2025	ALT1	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.7128	0.2066
148	2025	ALT1	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.2592	0.0751
149	2025	ALT1	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.4335	0.1257
150	2025	ALT1	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.6044	0.1752
151	2025	ALT1	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.8160	0.2365
152	2025	ALT1	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.6472	0.1876
153	2025	ALT1	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2377	0.0687
154	2025	ALT1	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4546	0.1313
155	2025	ALT1	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3377	0.0976
156	2025	ALT1	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2658	0.0768
157	2025	ALT1	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4676	0.1351
158	2025	ALT1	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5389	0.1557
159	2025	ALT1	EB	PM	0.048923625	0.116642174	0.043235568	0.704155699	0.021054383	0.062498227	0.006485335	0.105623355	0.092159193	0.820797873	0.027539719	0.168121582	0.3559	0.1063
160	2025	ALT1	EB	PM	0.048923625	0.116642174	0.043235568	0.704155699	0.021054383	0.062498227	0.006485335	0.105623355	0.092159193	0.820797873	0.027539719	0.168121582	0.6633	0.1982
161	2025	ALT1	EB	PM														
162	2025	ALT1	EB	PM														
163	2025	ALT1	EB	PM														
164	2025	ALT1	EB	PM														
165	2025	ALT1	EB	PM														
166	2025	ALT1	EB	PM														
167	2025	ALT1	EB	PM														
168	2025	ALT1	EB	PM														
169	2025	ALT1	EB	PM														
170	2025	ALT1	EB	PM														
171	2025	ALT1	EB	PM														
172	2025	ALT1	EB	PM														
173	2025	ALT1	EB	PM														
174	2025	ALT1	EB	PM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
175	2025	ALT1	EB	PM														
176	2025	ALT1	EB	PM														
177	2025	ALT1	EB	PM														
178	2025	ALT1	EB	PM														
179	2025	ALT1	EB	PM														
180	2025	ALT1	EB	PM														
181	2025	ALT1	EB	PM														
182	2025	ALT1	EB	PM														
183	2025	ALT1	EB	PM														
184	2025	ALT1	EB	PM														
185	2025	ALT1	EB	PM														
186	2025	ALT1	EB	PM														
187	2025	ALT1	EB	PM														
188	2025	ALT1	EB	PM														
189	2025	ALT1	EB	PM														
190	2025	ALT1	EB	PM														
191	2025	ALT1	EB	PM														
192	2025	ALT1	EB	PM														
193	2025	ALT1	EB	PM														
194	2025	ALT1	EB	PM														
195	2025	ALT1	EB	PM														
196	2025	ALT1	EB	PM														
197	2025	ALT1	EB	PM														
198	2025	ALT1	EB	PM														
199	2025	ALT1	EB	PM														
200	2025	ALT1	EB	PM														
201	2025	ALT1	EB	PM														
202	2025	ALT1	EB	PM														
203	2025	ALT1	EB	PM														
204	2025	ALT1	EB	PM														
205	2025	ALT1	EB	PM														
206	2025	ALT1	EB	PM														
207	2025	ALT1	EB	PM														
208	2025	ALT1	EB	PM														
209	2025	ALT1	EB	PM														
210	2025	ALT1	EB	PM														
211	2025	ALT1	EB	PM														
212	2025	ALT1	EB	PM														
213	2025	ALT1	EB	PM														
214	2025	ALT1	EB	PM														
215	2025	ALT1	EB	PM														
1	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.4981	1.1822
2	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	14.1742	3.0387
3	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.6255	0.1344
4	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	11.7897	2.5219
5	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.4534	0.9575
6	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.0023	1.4954
7	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.2195	2.1949
8	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.9641	2.7620
9	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.5973	2.2671
10	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.3502	0.7110
11	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.6430	1.4183
12	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.6934	1.0003
13	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.7936	0.8114
14	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.2841	1.3365
15	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.0189	1.7192
16	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.6372	0.9945
17	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.1127	1.7360
18	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.6317	1.4440
19	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.8834	1.0636
20	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.8009	2.3479
21	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.1467	0.2500
22	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.4286	0.7637
23	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.6436	0.8089
24	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.8961	0.6473
25	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.9162	0.4288

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
26	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	16.3478	3.6738
27	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.0909	2.7170
28	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.7160	1.5056
29	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.3357	0.9759
30	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.4928	1.6871
31	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.4534	1.2288
32	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.2208	1.3955
33	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.6476	1.2706
34	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.7047	1.4951
35	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.4632	0.7783
36	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.1491	0.9324
37	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.5884	1.2559
38	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.4493	1.8886
39	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.3138	1.8668
40	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.6630	1.2684
41	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.0951	0.4717
42	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.4746	1.4491
43	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.6452	0.5943
44	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.1829	0.9398
45	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.8462	0.4155
46	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.1170	1.1487
47	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.2773	0.0624
48	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.7483	1.2896
49	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.4687	0.1054
50	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.3387	1.8703
51	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.3526	0.3059
52	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.9577	0.4445
53	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.4820	0.3355
54	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.5663	1.9395
55	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.9592	0.8987
56	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.1828	1.1721
57	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.7152	0.6156
58	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.7316	2.2009
59	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.3967	0.5451
60	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.3828	2.3603
61	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.2179	0.5053
62	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.5513	1.0329
63	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.8950	0.4278
64	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.2799	1.4103
65	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.0121	0.4539
66	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.5680	0.1290
67	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.4202	0.9974
68	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.1539	0.7144
69	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.6962	1.7253
70	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.4982	1.0107
71	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.0696	1.3548
72	2025	ALT1	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.6635	1.2694
73	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1049	0.0243
74	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0683	0.0158
75	2025	ALT1	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1177	0.0272
76	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1667	0.0402
77	2025	ALT1	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1636	0.0387
78	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1243	0.0295
79	2025	ALT1	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2092	0.0491
80	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2384	0.0573
81	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3915	0.0894
82	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1863	0.0460
83	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1120	0.0234
84	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0944	0.0225
85	2025	ALT1	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3702	0.0820
86	2025	ALT1	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.5035	0.1118
87	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0969	0.0229
88	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2009	0.0422
89	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0571	0.0134
90	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1718	0.0366
91	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2787	0.0592

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
92	2025	ALT1	EB	NT	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2660	0.0607
93	2025	ALT1	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	9.6386	1.8977
94	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.2319	0.2664
95	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1831	0.0412
96	2025	ALT1	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3230	0.0735
97	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1833	0.0361
98	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1199	0.0255
99	2025	ALT1	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4632	0.0999
100	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3876	0.0866
101	2025	ALT1	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1271	0.0267
102	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1105	0.0243
103	2025	ALT1	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0818	0.0193
104	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1318	0.0316
105	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1984	0.0454
106	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0220	0.0055
107	2025	ALT1	EB	NT														
108	2025	ALT1	EB	NT														
109	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2508	0.0562
110	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2270	0.0552
111	2025	ALT1	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0879	0.0195
112	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2287	0.0546
113	2025	ALT1	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2307	0.0547
114	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1370	0.0340
115	2025	ALT1	EB	NT														
116	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0455	0.0115
117	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1684	0.0376
118	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0672	0.0167
119	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1808	0.0420
120	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0555	0.0136
121	2025	ALT1	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2155	0.0471
122	2025	ALT1	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	3.3472	0.7333
123	2025	ALT1	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	2.3261	0.5107
124	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1506	0.0344
125	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0188	0.0040
126	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0693	0.0168
127	2025	ALT1	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3314	0.0756
128	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0255	0.0066
129	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2395	0.0541
130	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1865	0.0447
131	2025	ALT1	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3618	0.0787
132	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1196	0.0290
133	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4760	0.1088
134	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.8158	0.1891
135	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3653	0.0831
136	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0444	0.0112
137	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.2671	0.2935
138	2025	ALT1	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0949	0.0224
139	2025	ALT1	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1150	0.0290
140	2025	ALT1	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2884	0.0707
141	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0501	0.0125
142	2025	ALT1	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1470	0.0357
143	2025	ALT1	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1086	0.0271
144	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1724	0.0499
145	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4551	0.1319
146	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0196	0.0057
147	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3848	0.1115
148	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1399	0.0405
149	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2516	0.0729
150	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3508	0.1016
151	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4736	0.1372
152	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3757	0.1088
153	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1650	0.0478
154	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3156	0.0915
155	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2345	0.0679
156	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1845	0.0535
157	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3247	0.0941

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
158	2025	ALT1	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3742	0.1084
159	2025	ALT1	EB	NT	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2420	0.0699
160	2025	ALT1	EB	NT	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.4510	0.1303
161	2025	ALT1	EB	NT														
162	2025	ALT1	EB	NT														
163	2025	ALT1	EB	NT														
164	2025	ALT1	EB	NT														
165	2025	ALT1	EB	NT														
166	2025	ALT1	EB	NT														
167	2025	ALT1	EB	NT														
168	2025	ALT1	EB	NT														
169	2025	ALT1	EB	NT														
170	2025	ALT1	EB	NT														
171	2025	ALT1	EB	NT														
172	2025	ALT1	EB	NT														
173	2025	ALT1	EB	NT														
174	2025	ALT1	EB	NT														
175	2025	ALT1	EB	NT														
176	2025	ALT1	EB	NT														
177	2025	ALT1	EB	NT														
178	2025	ALT1	EB	NT														
179	2025	ALT1	EB	NT														
180	2025	ALT1	EB	NT														
181	2025	ALT1	EB	NT														
182	2025	ALT1	EB	NT														
183	2025	ALT1	EB	NT														
184	2025	ALT1	EB	NT														
185	2025	ALT1	EB	NT														
186	2025	ALT1	EB	NT														
187	2025	ALT1	EB	NT														
188	2025	ALT1	EB	NT														
189	2025	ALT1	EB	NT														
190	2025	ALT1	EB	NT														
191	2025	ALT1	EB	NT														
192	2025	ALT1	EB	NT														
193	2025	ALT1	EB	NT														
194	2025	ALT1	EB	NT														
195	2025	ALT1	EB	NT														
196	2025	ALT1	EB	NT														
197	2025	ALT1	EB	NT														
198	2025	ALT1	EB	NT														
199	2025	ALT1	EB	NT														
200	2025	ALT1	EB	NT														
201	2025	ALT1	EB	NT														
202	2025	ALT1	EB	NT														
203	2025	ALT1	EB	NT														
204	2025	ALT1	EB	NT														
205	2025	ALT1	EB	NT														
206	2025	ALT1	EB	NT														
207	2025	ALT1	EB	NT														
208	2025	ALT1	EB	NT														
209	2025	ALT1	EB	NT														
210	2025	ALT1	EB	NT														
211	2025	ALT1	EB	NT														
212	2025	ALT1	EB	NT														
213	2025	ALT1	EB	NT														
214	2025	ALT1	EB	NT														
215	2025	ALT1	EB	NT														
216	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.5755	0.8557
217	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.6043	1.5736
218	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.5607	1.0938
219	2025	ALT1	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	6.7303	1.5990
220	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.6415	0.8765
221	2025	ALT1	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.3094	0.7880
222	2025	ALT1	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.6362	0.8709
223	2025	ALT1	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.7350	0.4163

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
224	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.9919	0.4877
225	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.2728	0.3111
226	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.5306	1.3523
227	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0416	0.5021
228	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0950	0.2699
229	2025	ALT1	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	7.3262	1.7886
230	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.7179	0.4209
231	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.8528	0.4523
232	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.8445	0.4508
233	2025	ALT1	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	6.4456	1.5593
234	2025	ALT1	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	0.9931	0.2411
235	2025	ALT1	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	4.0029	0.9668
236	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.4918	0.6050
237	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0040	0.9655
238	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.2572	0.3037
239	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.1223	0.2714
240	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.3619	0.3315
241	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.0918	1.2331
242	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.3431	0.0834
243	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.4015	1.0647
244	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.6470	0.1569
245	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.0930	0.9879
246	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0912	0.7495
247	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.1955	1.0126
248	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.2636	0.3065
249	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0623	0.9816
250	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.5121	1.5772
251	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.1477	1.2409
252	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1143	0.9983
253	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9465	0.7150
254	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.8405	0.6892
255	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.0381	1.2141
256	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0744	0.7454
257	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.0448	0.9771
258	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.5647	0.8668
259	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.2106	1.2661
260	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.5071	0.8537
261	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.4167	1.0704
262	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	11.6902	2.8354
263	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.9517	1.4425
264	2025	ALT1	WB	AM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	2.4175	0.5793
265	2025	ALT1	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.2756	0.3059
266	2025	ALT1	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.6361	1.1038
267	2025	ALT1	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	1.4569	0.3442
268	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.2551	0.0607
269	2025	ALT1	WB	AM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	6.6844	1.5689
270	2025	ALT1	WB	AM	0.047875337	0.115640182	0.062529394	1.018384415	0.020082203	0.061575653	0.009379409	0.152757662	0.11040473	1.134024597	0.029461612	0.214333316	3.0367	0.7117
271	2025	ALT1	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	4.3004	0.9897
272	2025	ALT1	WB	AM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.1400	0.7212
273	2025	ALT1	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.0565	0.7062
274	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.5367	0.8205
275	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.0595	1.3973
276	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.5653	0.3617
277	2025	ALT1	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.5658	0.8211
278	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.9497	0.4473
279	2025	ALT1	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.7960	0.8666
280	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.8613	0.8836
281	2025	ALT1	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	2.8528	0.6505
282	2025	ALT1	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.2054	0.9593
283	2025	ALT1	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.9618	0.9042
284	2025	ALT1	WB	AM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	4.8893	1.1203
285	2025	ALT1	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.4966	0.8021
286	2025	ALT1	WB	AM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.0951	0.7132
287	2025	ALT1	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.5097	1.2706
288	2025	ALT1	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.5602	0.1307
289	2025	ALT1	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	6.0021	1.3839

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
290	2025	ALT1	WB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2566	0.0647
291	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1735	0.0445
292	2025	ALT1	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0429	0.0109
293	2025	ALT1	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1423	0.0404
294	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1086	0.0283
295	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1076	0.0284
296	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0625	0.0164
297	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	2.5019	0.5586
298	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0133	0.0034
299	2025	ALT1	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0931	0.0236
300	2025	ALT1	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.8255	0.2088
301	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1583	0.0408
302	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0689	0.0181
303	2025	ALT1	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0524	0.0123
304	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0786	0.0211
305	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0897	0.0219
306	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0960	0.0265
307	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0543	0.0141
308	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1335	0.0356
309	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0608	0.0146
310	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.6107	0.1480
311	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1145	0.0294
312	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0742	0.0186
313	2025	ALT1	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.5727	0.1398
314	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0901	0.0234
315	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1146	0.0286
316	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0697	0.0178
317	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0813	0.0201
318	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0986	0.0256
319	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1441	0.0366
320	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0714	0.0183
321	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1377	0.0367
322	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0645	0.0170
323	2025	ALT1	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2591	0.0620
324	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0789	0.0194
325	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3525	0.0922
326	2025	ALT1	WB	AM														
327	2025	ALT1	WB	AM														
328	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0696	0.0178
329	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1580	0.0405
330	2025	ALT1	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0451	0.0110
331	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3345	0.0826
332	2025	ALT1	WB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0835	0.0200
333	2025	ALT1	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2383	0.0576
334	2025	ALT1	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1226	0.0296
335	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3700	0.0884
336	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2549	0.0615
337	2025	ALT1	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1169	0.0253
338	2025	ALT1	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1180	0.0255
339	2025	ALT1	WB	AM	0.047497218	0.119814445	0.071945858	1.171745577	0.019731454	0.065415655	0.010791879	0.175761837	0.119443076	1.291560023	0.030523332	0.241177492	0.4362	0.1050
340	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	1.9562	0.4475
341	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	1.5251	0.3535
342	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1769	0.0436
343	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1279	0.0283
344	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1432	0.0353
345	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0459	0.0106
346	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0661	0.0159
347	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0884	0.0237
348	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.7767	0.1875
349	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1105	0.0258
350	2025	ALT1	WB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1297	0.0316
351	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0727	0.0156
352	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0480	0.0124
353	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1448	0.0359
354	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3237	0.0826
355	2025	ALT1	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0872	0.0217

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
356	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1324	0.0351
357	2025	ALT1	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2317	0.0650
358	2025	ALT1	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1363	0.0335
359	2025	ALT1	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1336	0.0374
360	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0999	0.0247
361	2025	ALT1	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0849	0.0234
362	2025	ALT1	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0862	0.0204
363	2025	ALT1	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1742	0.0464
364	2025	ALT1	WB	AM														
365	2025	ALT1	WB	AM														
366	2025	ALT1	WB	AM														
367	2025	ALT1	WB	AM														
368	2025	ALT1	WB	AM														
369	2025	ALT1	WB	AM														
370	2025	ALT1	WB	AM														
371	2025	ALT1	WB	AM														
372	2025	ALT1	WB	AM														
373	2025	ALT1	WB	AM														
374	2025	ALT1	WB	AM														
375	2025	ALT1	WB	AM														
376	2025	ALT1	WB	AM														
377	2025	ALT1	WB	AM														
378	2025	ALT1	WB	AM														
379	2025	ALT1	WB	AM														
380	2025	ALT1	WB	AM														
381	2025	ALT1	WB	AM														
382	2025	ALT1	WB	AM														
383	2025	ALT1	WB	AM														
384	2025	ALT1	WB	AM														
385	2025	ALT1	WB	AM														
386	2025	ALT1	WB	AM														
387	2025	ALT1	WB	AM														
388	2025	ALT1	WB	AM														
389	2025	ALT1	WB	AM														
390	2025	ALT1	WB	AM														
391	2025	ALT1	WB	AM														
392	2025	ALT1	WB	AM														
393	2025	ALT1	WB	AM														
394	2025	ALT1	WB	AM														
395	2025	ALT1	WB	AM														
396	2025	ALT1	WB	AM														
397	2025	ALT1	WB	AM														
398	2025	ALT1	WB	AM														
399	2025	ALT1	WB	AM														
400	2025	ALT1	WB	AM														
401	2025	ALT1	WB	AM														
402	2025	ALT1	WB	AM														
403	2025	ALT1	WB	AM														
404	2025	ALT1	WB	AM														
405	2025	ALT1	WB	AM														
406	2025	ALT1	WB	AM														
407	2025	ALT1	WB	AM														
408	2025	ALT1	WB	AM														
409	2025	ALT1	WB	AM														
410	2025	ALT1	WB	AM														
411	2025	ALT1	WB	AM														
412	2025	ALT1	WB	AM														
413	2025	ALT1	WB	AM														
414	2025	ALT1	WB	AM														
415	2025	ALT1	WB	AM														
416	2025	ALT1	WB	AM														
417	2025	ALT1	WB	AM														
418	2025	ALT1	WB	AM														
419	2025	ALT1	WB	AM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.5563	0.1613
420	2025	ALT1	WB	AM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.5563	0.1613
421	2025	ALT1	WB	AM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.2219	0.0643

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
422	2025	ALT1	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3409	0.0984
423	2025	ALT1	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3409	0.0984
424	2025	ALT1	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3409	0.0984
425	2025	ALT1	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3409	0.0984
426	2025	ALT1	WB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3987	0.1152
427	2025	ALT1	WB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3987	0.1152
428	2025	ALT1	WB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3987	0.1152
429	2025	ALT1	WB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3987	0.1152
430	2025	ALT1	WB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3806	0.1100
431	2025	ALT1	WB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3806	0.1100
432	2025	ALT1	WB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3806	0.1100
433	2025	ALT1	WB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3806	0.1100
434	2025	ALT1	WB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3806	0.1100
435	2025	ALT1	WB	AM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.2351	0.0681
436	2025	ALT1	WB	AM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.2351	0.0681
437	2025	ALT1	WB	AM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.2351	0.0681
216	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.9951	1.3740
217	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.2960	2.5794
218	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.6863	1.7672
219	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.3842	2.6130
220	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.1975	1.4322
221	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.6641	1.3046
222	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.3044	1.4616
223	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0200	0.7014
224	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.2694	0.7698
225	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0825	0.4891
226	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.1323	2.1407
227	2025	ALT1	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.3133	0.7840
228	2025	ALT1	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.8402	0.4385
229	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	12.6319	2.9930
230	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0251	0.7178
231	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.2976	0.7796
232	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.3533	0.7949
233	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	11.9101	2.8101
234	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.8704	0.4428
235	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.6089	1.7968
236	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.8008	1.1347
237	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.3135	1.7252
238	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.3284	0.5508
239	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0715	0.4904
240	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.5377	0.6056
241	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.4719	2.2525
242	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.6453	0.1538
243	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.2412	1.9564
244	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.2127	0.2881
245	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.7546	1.8376
246	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.8001	1.3769
247	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.8270	1.8507
248	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.3470	0.5562
249	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.5172	1.7747
250	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	12.0818	2.8571
251	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.4234	2.2174
252	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.4366	1.7543
253	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.3259	1.2564
254	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.1342	1.2112
255	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.0705	2.1262
256	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.5394	1.3044
257	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.2678	1.7068
258	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.2635	1.4757
259	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.1446	2.1531
260	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.1718	1.4548
261	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.9368	1.8679
262	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	21.0522	4.9454
263	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.6850	2.5077
264	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.5535	1.0597
265	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.4177	0.5625

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
266	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.7046	2.0078
267	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.7302	0.6264
268	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.5057	0.1154
269	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	13.4856	3.0628
270	2025	ALT1	WB	MD	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.1796	1.3948
271	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.8094	1.9643
272	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.4854	1.4471
273	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.3518	1.4191
274	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.4025	1.6533
275	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	12.8826	2.8595
276	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.3518	0.7468
277	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.6303	1.6926
278	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.2490	0.9434
279	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.3197	1.8517
280	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.3890	1.8538
281	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.2125	1.3813
282	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.1441	2.0230
283	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.5040	1.8880
284	2025	ALT1	WB	MD	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	10.4047	2.3011
285	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.6497	1.7000
286	2025	ALT1	WB	MD	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.7118	1.4853
287	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	12.0782	2.6738
288	2025	ALT1	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.2244	0.2732
289	2025	ALT1	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	13.1708	2.9305
290	2025	ALT1	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2633	0.0652
291	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2400	0.0599
292	2025	ALT1	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0686	0.0170
293	2025	ALT1	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2751	0.0752
294	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1706	0.0423
295	2025	ALT1	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2387	0.0659
296	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1204	0.0299
297	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	5.0462	1.0912
298	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0247	0.0062
299	2025	ALT1	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1064	0.0262
300	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.1076	0.2705
301	2025	ALT1	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3228	0.0792
302	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0640	0.0157
303	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1349	0.0319
304	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1155	0.0286
305	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2113	0.0503
306	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1169	0.0299
307	2025	ALT1	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1488	0.0400
308	2025	ALT1	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2124	0.0529
309	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1551	0.0380
310	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.2861	0.2949
311	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2660	0.0673
312	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1154	0.0280
313	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.1193	0.2686
314	2025	ALT1	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1764	0.0453
315	2025	ALT1	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2600	0.0636
316	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1470	0.0374
317	2025	ALT1	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1610	0.0390
318	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1447	0.0363
319	2025	ALT1	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2289	0.0562
320	2025	ALT1	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1510	0.0385
321	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2376	0.0609
322	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1257	0.0321
323	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4934	0.1141
324	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1731	0.0423
325	2025	ALT1	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5605	0.1349
326	2025	ALT1	WB	MD														
327	2025	ALT1	WB	MD														
328	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1339	0.0336
329	2025	ALT1	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2905	0.0722
330	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0870	0.0208
331	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4922	0.1151

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
332	2025	ALT1	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1530	0.0352
333	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4363	0.1005
334	2025	ALT1	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1750	0.0402
335	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.6761	0.1504
336	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4854	0.1116
337	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3786	0.0788
338	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2706	0.0565
339	2025	ALT1	WB	MD	0.047497218	0.119814445	0.071945858	1.171745577	0.019731454	0.065415655	0.010791879	0.175761837	0.119443076	1.291560023	0.030523332	0.241177492	0.8718	0.2012
340	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	3.6235	0.7819
341	2025	ALT1	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	4.4261	0.9444
342	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2763	0.0651
343	2025	ALT1	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.3195	0.0786
344	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2342	0.0550
345	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1122	0.0255
346	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1874	0.0447
347	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1856	0.0490
348	2025	ALT1	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.4142	0.3210
349	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2670	0.0611
350	2025	ALT1	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2835	0.0677
351	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2254	0.0512
352	2025	ALT1	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1232	0.0318
353	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3552	0.0872
354	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.6931	0.1652
355	2025	ALT1	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1909	0.0463
356	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1956	0.0497
357	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.4208	0.1090
358	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1936	0.0476
359	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2500	0.0633
360	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1780	0.0451
361	2025	ALT1	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1819	0.0490
362	2025	ALT1	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1843	0.0419
363	2025	ALT1	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3508	0.0912
364	2025	ALT1	WB	MD														
365	2025	ALT1	WB	MD														
366	2025	ALT1	WB	MD														
367	2025	ALT1	WB	MD														
368	2025	ALT1	WB	MD														
369	2025	ALT1	WB	MD														
370	2025	ALT1	WB	MD														
371	2025	ALT1	WB	MD														
372	2025	ALT1	WB	MD														
373	2025	ALT1	WB	MD														
374	2025	ALT1	WB	MD														
375	2025	ALT1	WB	MD														
376	2025	ALT1	WB	MD														
377	2025	ALT1	WB	MD														
378	2025	ALT1	WB	MD														
379	2025	ALT1	WB	MD														
380	2025	ALT1	WB	MD														
381	2025	ALT1	WB	MD														
382	2025	ALT1	WB	MD														
383	2025	ALT1	WB	MD														
384	2025	ALT1	WB	MD														
385	2025	ALT1	WB	MD														
386	2025	ALT1	WB	MD														
387	2025	ALT1	WB	MD														
388	2025	ALT1	WB	MD														
389	2025	ALT1	WB	MD														
390	2025	ALT1	WB	MD														
391	2025	ALT1	WB	MD														
392	2025	ALT1	WB	MD														
393	2025	ALT1	WB	MD														
394	2025	ALT1	WB	MD														
395	2025	ALT1	WB	MD														
396	2025	ALT1	WB	MD														
397	2025	ALT1	WB	MD														

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
398	2025	ALT1	WB	MD														
399	2025	ALT1	WB	MD														
400	2025	ALT1	WB	MD														
401	2025	ALT1	WB	MD														
402	2025	ALT1	WB	MD														
403	2025	ALT1	WB	MD														
404	2025	ALT1	WB	MD														
405	2025	ALT1	WB	MD														
406	2025	ALT1	WB	MD														
407	2025	ALT1	WB	MD														
408	2025	ALT1	WB	MD														
409	2025	ALT1	WB	MD														
410	2025	ALT1	WB	MD														
411	2025	ALT1	WB	MD														
412	2025	ALT1	WB	MD														
413	2025	ALT1	WB	MD														
414	2025	ALT1	WB	MD														
415	2025	ALT1	WB	MD														
416	2025	ALT1	WB	MD														
417	2025	ALT1	WB	MD														
418	2025	ALT1	WB	MD														
419	2025	ALT1	WB	MD	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	1.2664	0.3671
420	2025	ALT1	WB	MD	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	1.2664	0.3671
421	2025	ALT1	WB	MD	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.5168	0.1507
422	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.8880	0.2566
423	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.8880	0.2566
424	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.8880	0.2566
425	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.8880	0.2566
426	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.8356	0.2414
427	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.8356	0.2414
428	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.8356	0.2414
429	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.8356	0.2414
430	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.7978	0.2305
431	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.7978	0.2305
432	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.7978	0.2305
433	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.7978	0.2305
434	2025	ALT1	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.7978	0.2305
435	2025	ALT1	WB	MD	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.5031	0.1467
436	2025	ALT1	WB	MD	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.5031	0.1467
437	2025	ALT1	WB	MD	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.5031	0.1467
216	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.9457	0.9158
217	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.4067	1.7124
218	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.0837	1.1839
219	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.5130	1.7464
220	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0998	0.9593
221	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.7356	0.8712
222	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1967	0.9862
223	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0323	0.4785
224	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0900	0.4982
225	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.3411	0.3193
226	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.9160	1.4069
227	2025	ALT1	WB	PM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.1796	0.5234
228	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.2301	0.2968
229	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.4627	2.0393
230	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.1020	0.5089
231	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.3000	0.5556
232	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.4061	0.5837
233	2025	ALT1	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	8.5845	2.0601
234	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.3590	0.3285
235	2025	ALT1	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	5.5592	1.3389
236	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.5659	0.8624
237	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.5655	1.3561
238	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.7874	0.4361
239	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.5964	0.3897
240	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.0061	0.4921
241	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	7.4485	1.8145

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
242	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.5058	0.1239
243	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.4728	1.5751
244	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.9584	0.2344
245	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.0662	1.4748
246	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.5488	1.1123
247	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.1156	1.4843
248	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.8249	0.4454
249	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.8634	1.4298
250	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.3848	2.2878
251	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.1499	1.7338
252	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.6044	1.3608
253	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.0137	0.9745
254	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.8692	0.9395
255	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.7757	1.6362
256	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1321	1.0027
257	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.3006	1.2788
258	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.5668	1.1063
259	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.5720	1.5899
260	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.4295	1.0720
261	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.5959	1.3515
262	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	14.7470	3.5547
263	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.4774	1.7996
264	2025	ALT1	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.1679	0.7536
265	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.7028	0.4057
266	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.1183	1.4564
267	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.7885	0.4234
268	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.3149	0.0750
269	2025	ALT1	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	8.3914	1.9764
270	2025	ALT1	WB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.8720	0.9119
271	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.3170	1.2348
272	2025	ALT1	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.9816	0.9222
273	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.9584	0.9225
274	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.5848	1.0668
275	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.9148	1.8489
276	2025	ALT1	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.1313	0.5022
277	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.7128	1.1025
278	2025	ALT1	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.6273	0.6141
279	2025	ALT1	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	5.1935	1.2051
280	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.1057	1.1793
281	2025	ALT1	WB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.7714	0.8713
282	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.4710	1.2632
283	2025	ALT1	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	5.1078	1.1781
284	2025	ALT1	WB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	6.3134	1.4608
285	2025	ALT1	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	4.4555	1.0320
286	2025	ALT1	WB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.9506	0.9179
287	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	7.0237	1.6333
288	2025	ALT1	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	0.7198	0.1684
289	2025	ALT1	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	7.5868	1.7648
290	2025	ALT1	WB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1939	0.0485
291	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1791	0.0451
292	2025	ALT1	WB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0520	0.0130
293	2025	ALT1	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1878	0.0518
294	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1221	0.0304
295	2025	ALT1	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1804	0.0508
296	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1025	0.0257
297	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	3.7869	0.8401
298	2025	ALT1	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0116	0.0029
299	2025	ALT1	WB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0509	0.0124
300	2025	ALT1	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.8551	0.2101
301	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2380	0.0617
302	2025	ALT1	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0416	0.0101
303	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1395	0.0346
304	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0752	0.0186
305	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1974	0.0496
306	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0644	0.0164
307	2025	ALT1	WB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1240	0.0377

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
308	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1342	0.0336
309	2025	ALT1	WB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1496	0.0429
310	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.9246	0.2196
311	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2322	0.0614
312	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1083	0.0267
313	2025	ALT1	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.9905	0.2413
314	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1498	0.0390
315	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1896	0.0477
316	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1075	0.0281
317	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1459	0.0378
318	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1422	0.0364
319	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1830	0.0463
320	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1244	0.0333
321	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1597	0.0414
322	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0950	0.0250
323	2025	ALT1	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3708	0.0893
324	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1680	0.0423
325	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3919	0.0966
326	2025	ALT1	WB	PM														
327	2025	ALT1	WB	PM														
328	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1119	0.0286
329	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2109	0.0531
330	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0908	0.0228
331	2025	ALT1	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3549	0.0848
332	2025	ALT1	WB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1595	0.0383
333	2025	ALT1	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3072	0.0722
334	2025	ALT1	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1514	0.0362
335	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.4538	0.1049
336	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3429	0.0798
337	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2550	0.0573
338	2025	ALT1	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2490	0.0560
339	2025	ALT1	WB	PM	0.047629123	0.117097765	0.071945858	1.171745577	0.019853838	0.062916436	0.010791879	0.175761837	0.119574981	1.288843342	0.030645717	0.238678273	0.6283	0.1493
340	2025	ALT1	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.8705	0.4294
341	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	1.9727	0.4572
342	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1644	0.0380
343	2025	ALT1	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2140	0.0547
344	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1538	0.0365
345	2025	ALT1	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0963	0.0245
346	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1480	0.0373
347	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1265	0.0337
348	2025	ALT1	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.9601	0.2214
349	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2585	0.0652
350	2025	ALT1	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3129	0.0775
351	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1485	0.0351
352	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1167	0.0296
353	2025	ALT1	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3207	0.0812
354	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.4188	0.1055
355	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1652	0.0434
356	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1372	0.0358
357	2025	ALT1	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3021	0.0793
358	2025	ALT1	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2049	0.0508
359	2025	ALT1	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1755	0.0479
360	2025	ALT1	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1457	0.0381
361	2025	ALT1	WB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1324	0.0397
362	2025	ALT1	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1762	0.0430
363	2025	ALT1	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2830	0.0795
364	2025	ALT1	WB	PM														
365	2025	ALT1	WB	PM														
366	2025	ALT1	WB	PM														
367	2025	ALT1	WB	PM														
368	2025	ALT1	WB	PM														
369	2025	ALT1	WB	PM														
370	2025	ALT1	WB	PM														
371	2025	ALT1	WB	PM														
372	2025	ALT1	WB	PM														
373	2025	ALT1	WB	PM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
374	2025	ALT1	WB	PM														
375	2025	ALT1	WB	PM														
376	2025	ALT1	WB	PM														
377	2025	ALT1	WB	PM														
378	2025	ALT1	WB	PM														
379	2025	ALT1	WB	PM														
380	2025	ALT1	WB	PM														
381	2025	ALT1	WB	PM														
382	2025	ALT1	WB	PM														
383	2025	ALT1	WB	PM														
384	2025	ALT1	WB	PM														
385	2025	ALT1	WB	PM														
386	2025	ALT1	WB	PM														
387	2025	ALT1	WB	PM														
388	2025	ALT1	WB	PM														
389	2025	ALT1	WB	PM														
390	2025	ALT1	WB	PM														
391	2025	ALT1	WB	PM														
392	2025	ALT1	WB	PM														
393	2025	ALT1	WB	PM														
394	2025	ALT1	WB	PM														
395	2025	ALT1	WB	PM														
396	2025	ALT1	WB	PM														
397	2025	ALT1	WB	PM														
398	2025	ALT1	WB	PM														
399	2025	ALT1	WB	PM														
400	2025	ALT1	WB	PM														
401	2025	ALT1	WB	PM														
402	2025	ALT1	WB	PM														
403	2025	ALT1	WB	PM														
404	2025	ALT1	WB	PM														
405	2025	ALT1	WB	PM														
406	2025	ALT1	WB	PM														
407	2025	ALT1	WB	PM														
408	2025	ALT1	WB	PM														
409	2025	ALT1	WB	PM														
410	2025	ALT1	WB	PM														
411	2025	ALT1	WB	PM														
412	2025	ALT1	WB	PM														
413	2025	ALT1	WB	PM														
414	2025	ALT1	WB	PM														
415	2025	ALT1	WB	PM														
416	2025	ALT1	WB	PM														
417	2025	ALT1	WB	PM														
418	2025	ALT1	WB	PM														
419	2025	ALT1	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	1.0547	0.3105
420	2025	ALT1	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	1.0547	0.3105
421	2025	ALT1	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.4145	0.1220
422	2025	ALT1	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.7923	0.2333
423	2025	ALT1	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.7923	0.2333
424	2025	ALT1	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.7923	0.2333
425	2025	ALT1	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.7923	0.2333
426	2025	ALT1	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.7356	0.2145
427	2025	ALT1	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.7356	0.2145
428	2025	ALT1	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.7356	0.2145
429	2025	ALT1	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.7356	0.2145
430	2025	ALT1	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.6892	0.2010
431	2025	ALT1	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.6892	0.2010
432	2025	ALT1	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.6892	0.2010
433	2025	ALT1	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.6892	0.2010
434	2025	ALT1	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.6892	0.2010
435	2025	ALT1	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.3892	0.1146
436	2025	ALT1	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.3892	0.1146
437	2025	ALT1	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.3892	0.1146
216	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.8715	1.0541
217	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.2937	2.0043

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
218	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.1635	1.3376
219	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.1849	1.9903
220	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.9597	1.0848
221	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.5708	0.9960
222	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.0228	1.1027
223	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.3506	0.5166
224	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.2720	0.7142
225	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.1203	0.4621
226	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.4159	2.0494
227	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.2745	0.7170
228	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.7679	0.3919
229	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.3596	2.7355
230	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.9139	0.6470
231	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.2511	0.7190
232	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.2081	0.7125
233	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	11.5810	2.5665
234	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.8079	0.4028
235	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.4676	1.6593
236	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.6162	1.0274
237	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.0907	1.7744
238	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.5148	0.5536
239	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.2149	0.4879
240	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.5501	0.5678
241	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.8038	2.1769
242	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.6510	0.1450
243	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.4101	1.8647
244	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.2338	0.2741
245	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.0868	1.7931
246	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.9365	1.3192
247	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.1756	1.8081
248	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.4172	0.5364
249	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.9349	1.7512
250	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.3201	2.7288
251	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.9733	2.1950
252	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.6630	1.6921
253	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.4880	1.2118
254	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.2905	1.1682
255	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.6095	2.1063
256	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.7111	1.2584
257	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.6384	1.6768
258	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.3404	1.3978
259	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.3321	2.0540
260	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.1460	1.3563
261	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.0938	1.7798
262	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	20.6292	4.5398
263	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.6207	2.3332
264	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.3795	0.9599
265	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.2938	0.5024
266	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.6174	1.8710
267	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.7064	0.5867
268	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.4826	0.1050
269	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	13.1698	2.8621
270	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.0259	1.3116
271	2025	ALT1	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.0464	1.9350
272	2025	ALT1	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.6014	1.4123
273	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.4403	1.3826
274	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.4769	1.6016
275	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	13.3714	2.8517
276	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.4287	0.7350
277	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.8848	1.6834
278	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.3152	0.9217
279	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.4484	1.8100
280	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.6990	1.8523
281	2025	ALT1	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.2550	1.3375
282	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.3227	1.9867
283	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.6065	1.8389

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
284	2025	ALT1	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.4360	2.2359
285	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.7468	1.6546
286	2025	ALT1	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.7635	1.4493
287	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.5069	2.6707
288	2025	ALT1	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.2482	0.2678
289	2025	ALT1	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	13.5981	2.9080
290	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1275	0.0314
291	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1169	0.0284
292	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0323	0.0079
293	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1900	0.0472
294	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1053	0.0252
295	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1496	0.0371
296	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0387	0.0089
297	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.2933	0.2885
298	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0093	0.0023
299	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0489	0.0116
300	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.5653	0.1362
301	2025	ALT1	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2627	0.0607
302	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0272	0.0064
303	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1015	0.0228
304	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0677	0.0160
305	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1366	0.0310
306	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0551	0.0135
307	2025	ALT1	WB	NT	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1284	0.0317
308	2025	ALT1	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1399	0.0328
309	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1011	0.0229
310	2025	ALT1	WB	NT	0.047497218	0.119814445	0.071945858	1.171745577	0.019731454	0.065415655	0.010791879	0.175761837	0.119443076	1.291560023	0.030523332	0.241177492	0.9440	0.2064
311	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1842	0.0435
312	2025	ALT1	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0526	0.0121
313	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.7817	0.1788
314	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0711	0.0174
315	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1626	0.0387
316	2025	ALT1	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1120	0.0278
317	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1496	0.0346
318	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0473	0.0117
319	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1435	0.0338
320	2025	ALT1	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0988	0.0243
321	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1696	0.0410
322	2025	ALT1	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0887	0.0210
323	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3468	0.0769
324	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1037	0.0248
325	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4125	0.0938
326	2025	ALT1	WB	NT														
327	2025	ALT1	WB	NT														
328	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0888	0.0217
329	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1979	0.0474
330	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0577	0.0135
331	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3272	0.0731
332	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1166	0.0261
333	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2988	0.0660
334	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1253	0.0278
335	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4863	0.1023
336	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3524	0.0767
337	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2541	0.0508
338	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1682	0.0336
339	2025	ALT1	WB	NT	0.047453189	0.123734385	0.071945858	1.171745577	0.019690534	0.069021922	0.010791879	0.175761837	0.119399047	1.295479962	0.030482412	0.244783759	0.6370	0.1417
340	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	3.6148	0.7350
341	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	3.3545	0.7108
342	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1509	0.0326
343	2025	ALT1	WB	NT	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2880	0.0638
344	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1562	0.0341
345	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0929	0.0193
346	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1534	0.0342
347	2025	ALT1	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1691	0.0409
348	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	1.0650	0.2282
349	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2094	0.0475

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
350	2025	ALT1	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2125	0.0498
351	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1600	0.0336
352	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1228	0.0292
353	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2297	0.0553
354	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5080	0.1145
355	2025	ALT1	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1278	0.0301
356	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1503	0.0351
357	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3031	0.0742
358	2025	ALT1	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1471	0.0343
359	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2097	0.0502
360	2025	ALT1	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1115	0.0260
361	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1318	0.0312
362	2025	ALT1	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1099	0.0245
363	2025	ALT1	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2429	0.0587
364	2025	ALT1	WB	NT														
365	2025	ALT1	WB	NT														
366	2025	ALT1	WB	NT														
367	2025	ALT1	WB	NT														
368	2025	ALT1	WB	NT														
369	2025	ALT1	WB	NT														
370	2025	ALT1	WB	NT														
371	2025	ALT1	WB	NT														
372	2025	ALT1	WB	NT														
373	2025	ALT1	WB	NT														
374	2025	ALT1	WB	NT														
375	2025	ALT1	WB	NT														
376	2025	ALT1	WB	NT														
377	2025	ALT1	WB	NT														
378	2025	ALT1	WB	NT														
379	2025	ALT1	WB	NT														
380	2025	ALT1	WB	NT														
381	2025	ALT1	WB	NT														
382	2025	ALT1	WB	NT														
383	2025	ALT1	WB	NT														
384	2025	ALT1	WB	NT														
385	2025	ALT1	WB	NT														
386	2025	ALT1	WB	NT														
387	2025	ALT1	WB	NT														
388	2025	ALT1	WB	NT														
389	2025	ALT1	WB	NT														
390	2025	ALT1	WB	NT														
391	2025	ALT1	WB	NT														
392	2025	ALT1	WB	NT														
393	2025	ALT1	WB	NT														
394	2025	ALT1	WB	NT														
395	2025	ALT1	WB	NT														
396	2025	ALT1	WB	NT														
397	2025	ALT1	WB	NT														
398	2025	ALT1	WB	NT														
399	2025	ALT1	WB	NT														
400	2025	ALT1	WB	NT														
401	2025	ALT1	WB	NT														
402	2025	ALT1	WB	NT														
403	2025	ALT1	WB	NT														
404	2025	ALT1	WB	NT														
405	2025	ALT1	WB	NT														
406	2025	ALT1	WB	NT														
407	2025	ALT1	WB	NT														
408	2025	ALT1	WB	NT														
409	2025	ALT1	WB	NT														
410	2025	ALT1	WB	NT														
411	2025	ALT1	WB	NT														
412	2025	ALT1	WB	NT														
413	2025	ALT1	WB	NT														
414	2025	ALT1	WB	NT														
415	2025	ALT1	WB	NT														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
416	2025	ALT1	WB	NT														
417	2025	ALT1	WB	NT														
418	2025	ALT1	WB	NT														
419	2025	ALT1	WB	NT	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.4476	0.1293
420	2025	ALT1	WB	NT	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3142	0.0908
421	2025	ALT1	WB	NT	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3029	0.0875
422	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3112	0.0902
423	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6001	0.1739
424	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1468	0.0425
425	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3468	0.1005
426	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1649	0.0478
427	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3153	0.0914
428	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3366	0.0975
429	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2245	0.0650
430	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4069	0.1179
431	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3667	0.1063
432	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4319	0.1251
433	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3333	0.0966
434	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2802	0.0812
435	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6020	0.1744
436	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0577	0.0167
437	2025	ALT1	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6403	0.1855
1	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.2391	0.5225
2	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.5785	1.2952
3	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.2614	0.0612
4	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.7749	1.1088
5	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.8410	0.4300
6	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.8254	0.6562
7	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.2559	0.9928
8	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.3092	1.2311
9	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.5107	1.0526
10	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.3301	0.3073
11	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.8165	0.6565
12	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.9370	0.4510
13	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.7021	0.4013
14	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.7291	0.6403
15	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.5874	0.8430
16	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.0956	0.4928
17	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.4488	0.8044
18	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.6999	0.6327
19	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.9853	0.4643
20	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1244	0.9590
21	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.4445	0.1035
22	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.5842	0.3755
23	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.5941	0.3767
24	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.3959	0.3324
25	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.9316	0.2221
26	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.6244	1.8212
27	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.7956	1.3897
28	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.2147	0.7699
29	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.1536	0.5197
30	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.6421	0.8793
31	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.7283	0.6599
32	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0895	0.7431
33	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9009	0.7003
34	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.3802	0.8137
35	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.8332	0.4446
36	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.1921	0.5316
37	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9526	0.7160
38	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.4807	1.0874
39	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.6447	1.1326
40	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0253	0.7360
41	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.1600	0.2831
42	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.6684	0.8950
43	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.5179	0.3712
44	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2612	0.5520

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
45	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0104	0.2470
46	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.8043	0.6855
47	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.1531	0.0375
48	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.1322	0.7658
49	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.2587	0.0633
50	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0839	0.9983
51	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.7131	0.1743
52	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0631	0.2601
53	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.8178	0.1986
54	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.3776	1.0605
55	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.9912	0.4831
56	2025	ALT2	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.5792	0.6214
57	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.3421	0.3242
58	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.5103	1.0848
59	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.1047	0.2672
60	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.5026	1.0794
61	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.9618	0.2316
62	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.8979	0.4540
63	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.7458	0.1778
64	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.2740	0.5372
65	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.7252	0.1716
66	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.2939	0.0683
67	2025	ALT2	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.1070	0.4798
68	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.5099	0.3462
69	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.5872	0.8114
70	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.0975	0.4754
71	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.7902	0.6274
72	2025	ALT2	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.6421	0.5978
73	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1046	0.0274
74	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0698	0.0178
75	2025	ALT2	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0898	0.0251
76	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1112	0.0287
77	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1048	0.0271
78	2025	ALT2	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0894	0.0243
79	2025	ALT2	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1137	0.0309
80	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2085	0.0548
81	2025	ALT2	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3115	0.0768
82	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2200	0.0587
83	2025	ALT2	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0718	0.0165
84	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1066	0.0266
85	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2509	0.0601
86	2025	ALT2	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2549	0.0590
87	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0500	0.0121
88	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1733	0.0433
89	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0384	0.0097
90	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0662	0.0138
91	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2124	0.0515
92	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1004	0.0232
93	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	2.4554	0.5117
94	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.7593	0.1809
95	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1544	0.0378
96	2025	ALT2	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2292	0.0549
97	2025	ALT2	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1436	0.0326
98	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0902	0.0199
99	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2216	0.0501
100	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2571	0.0614
101	2025	ALT2	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1103	0.0252
102	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1125	0.0271
103	2025	ALT2	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0459	0.0110
104	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1388	0.0355
105	2025	ALT2	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1151	0.0276
106	2025	ALT2	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0213	0.0060
107	2025	ALT2	EB	AM														
108	2025	ALT2	EB	AM														
109	2025	ALT2	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1288	0.0303
110	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2470	0.0632

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
111	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0820	0.0198
112	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1951	0.0492
113	2025	ALT2	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0850	0.0205
114	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1223	0.0326
115	2025	ALT2	EB	AM														
116	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0453	0.0118
117	2025	ALT2	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0901	0.0216
118	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0493	0.0126
119	2025	ALT2	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1316	0.0322
120	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0649	0.0168
121	2025	ALT2	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2601	0.0616
122	2025	ALT2	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	2.0842	0.4976
123	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.4218	0.3382
124	2025	ALT2	EB	AM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.0735	0.0225
125	2025	ALT2	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1686	0.0456
126	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0348	0.0087
127	2025	ALT2	EB	AM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1958	0.0580
128	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0072	0.0019
129	2025	ALT2	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2503	0.0675
130	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0770	0.0185
131	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3374	0.0873
132	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0544	0.0131
133	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3041	0.0792
134	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.5682	0.1337
135	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2646	0.0677
136	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0141	0.0034
137	2025	ALT2	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	2.5460	0.5558
138	2025	ALT2	EB	AM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.0761	0.0227
139	2025	ALT2	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0605	0.0152
140	2025	ALT2	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1789	0.0468
141	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0285	0.0071
142	2025	ALT2	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1315	0.0333
143	2025	ALT2	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0769	0.0193
144	2025	ALT2	EB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1527	0.0441
145	2025	ALT2	EB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4031	0.1163
146	2025	ALT2	EB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.0174	0.0050
147	2025	ALT2	EB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3408	0.0984
148	2025	ALT2	EB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1239	0.0358
149	2025	ALT2	EB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2043	0.0590
150	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2224	0.0642
151	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3003	0.0867
152	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2382	0.0688
153	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1000	0.0289
154	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1913	0.0553
155	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1421	0.0411
156	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1118	0.0323
157	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1968	0.0568
158	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2268	0.0655
159	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1297	0.0375
160	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2418	0.0699
161	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0927	0.0269
162	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0666	0.0193
163	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1575	0.0456
164	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0158	0.0046
165	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0737	0.0214
166	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0911	0.0264
167	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0643	0.0186
168	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0418	0.0121
169	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3800	0.1101
170	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2746	0.0796
171	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0794	0.0230
172	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0465	0.0135
173	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0826	0.0239
174	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0584	0.0169
175	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0698	0.0202
176	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0611	0.0177

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
177	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0831	0.0241
178	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0403	0.0117
179	2025	ALT2	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0706	0.0204
180	2025	ALT2	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0950	0.0275
181	2025	ALT2	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1616	0.0467
182	2025	ALT2	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1514	0.0438
183	2025	ALT2	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1098	0.0317
184	2025	ALT2	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0380	0.0110
185	2025	ALT2	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1256	0.0363
186	2025	ALT2	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0496	0.0143
187	2025	ALT2	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0784	0.0227
188	2025	ALT2	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0342	0.0099
189	2025	ALT2	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1008	0.0291
190	2025	ALT2	EB	AM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0053	0.0015
191	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1244	0.0361
192	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0099	0.0029
193	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1935	0.0561
194	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0225	0.0065
195	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0266	0.0077
196	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0223	0.0065
197	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1297	0.0376
198	2025	ALT2	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0580	0.0168
199	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1397	0.0404
200	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0719	0.0208
201	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2733	0.0789
202	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0635	0.0183
203	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2909	0.0841
204	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0631	0.0182
205	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1406	0.0406
206	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0634	0.0183
207	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2311	0.0668
208	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0713	0.0206
209	2025	ALT2	EB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0182	0.0053
210	2025	ALT2	EB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2237	0.0646
211	2025	ALT2	EB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1543	0.0445
212	2025	ALT2	EB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4131	0.1192
213	2025	ALT2	EB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2377	0.0686
214	2025	ALT2	EB	AM														
215	2025	ALT2	EB	AM														
1	2025	ALT2	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.0085	1.1289
2	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	12.5355	2.8124
3	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.6007	0.1365
4	2025	ALT2	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	11.0676	2.4921
5	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1413	0.9347
6	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.3565	1.4252
7	2025	ALT2	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.4509	2.1276
8	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.8498	2.6531
9	2025	ALT2	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	10.2370	2.3140
10	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0377	0.6778
11	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.2275	1.4005
12	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.2520	0.9531
13	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.6637	0.8305
14	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.9961	1.3550
15	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.9142	1.7996
16	2025	ALT2	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.6292	1.0523
17	2025	ALT2	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.6904	1.7306
18	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.9836	1.3524
19	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.4527	1.0060
20	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.4468	2.1245
21	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0317	0.2334
22	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.4108	0.7860
23	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.4381	0.7904
24	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9254	0.6773
25	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.9497	0.4520
26	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	16.1235	3.7498
27	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.2327	2.8538

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
28	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.7318	1.5743
29	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.4397	1.0410
30	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.4330	1.7427
31	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.4880	1.2873
32	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.1815	1.4454
33	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.7182	1.3367
34	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.5382	1.5192
35	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.5142	0.8238
36	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1924	0.9822
37	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.6467	1.3229
38	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.3727	1.9590
39	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.5629	2.0133
40	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.6204	1.3232
41	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.1512	0.5070
42	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.7281	1.5826
43	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.7942	0.6595
44	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1790	0.9847
45	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.8604	0.4390
46	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.1296	1.2097
47	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.2831	0.0672
48	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.7891	1.3723
49	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.4843	0.1148
50	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.9293	1.8764
51	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.4044	0.3327
52	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.1123	0.5021
53	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6324	0.3860
54	2025	ALT2	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.8831	2.0927
55	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0308	0.9498
56	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.2400	1.2297
57	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.7746	0.6553
58	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.5196	2.2349
59	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.3954	0.5672
60	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.0469	2.3663
61	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.1768	0.5158
62	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.3930	1.0371
63	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.7360	0.4079
64	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.4650	1.2748
65	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.7894	0.4195
66	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.7003	0.1610
67	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.1127	1.1549
68	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.6744	0.8362
69	2025	ALT2	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.8976	1.9978
70	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.2097	1.1754
71	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.9715	1.5615
72	2025	ALT2	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.6066	1.4894
73	2025	ALT2	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2178	0.0563
74	2025	ALT2	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1242	0.0301
75	2025	ALT2	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1817	0.0507
76	2025	ALT2	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2290	0.0588
77	2025	ALT2	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2321	0.0582
78	2025	ALT2	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1630	0.0408
79	2025	ALT2	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2379	0.0627
80	2025	ALT2	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3665	0.0924
81	2025	ALT2	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.6673	0.1618
82	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3313	0.0827
83	2025	ALT2	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1732	0.0392
84	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1639	0.0396
85	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4270	0.0970
86	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5977	0.1382
87	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1200	0.0285
88	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3558	0.0876
89	2025	ALT2	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0799	0.0197
90	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2199	0.0479
91	2025	ALT2	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.4022	0.0917
92	2025	ALT2	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.3167	0.0797
93	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	7.0330	1.4383

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
94	2025	ALT2	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	1.6168	0.3646
95	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2848	0.0676
96	2025	ALT2	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4583	0.1066
97	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2725	0.0582
98	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2586	0.0579
99	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4920	0.1081
100	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4800	0.1102
101	2025	ALT2	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2732	0.0609
102	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1742	0.0398
103	2025	ALT2	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1039	0.0245
104	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2056	0.0505
105	2025	ALT2	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2525	0.0594
106	2025	ALT2	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0378	0.0104
107	2025	ALT2	EB	MD														
108	2025	ALT2	EB	MD														
109	2025	ALT2	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2936	0.0674
110	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4115	0.1018
111	2025	ALT2	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1427	0.0328
112	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3626	0.0891
113	2025	ALT2	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1962	0.0467
114	2025	ALT2	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2297	0.0601
115	2025	ALT2	EB	MD														
116	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0844	0.0215
117	2025	ALT2	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1840	0.0426
118	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1211	0.0309
119	2025	ALT2	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2467	0.0584
120	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1402	0.0359
121	2025	ALT2	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4108	0.0939
122	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	4.2161	0.9632
123	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	2.9257	0.6788
124	2025	ALT2	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1350	0.0370
125	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2607	0.0629
126	2025	ALT2	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0992	0.0253
127	2025	ALT2	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.3711	0.0976
128	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0401	0.0105
129	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4173	0.0996
130	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2521	0.0612
131	2025	ALT2	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.5518	0.1292
132	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2037	0.0503
133	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5615	0.1367
134	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.2662	0.2969
135	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5045	0.1201
136	2025	ALT2	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0622	0.0163
137	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	5.6859	1.1977
138	2025	ALT2	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1457	0.0393
139	2025	ALT2	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1586	0.0400
140	2025	ALT2	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3663	0.0943
141	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0739	0.0184
142	2025	ALT2	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2843	0.0716
143	2025	ALT2	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1955	0.0490
144	2025	ALT2	EB	MD	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.4676	0.1356
145	2025	ALT2	EB	MD	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	1.2345	0.3579
146	2025	ALT2	EB	MD	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.0533	0.0154
147	2025	ALT2	EB	MD	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	1.0440	0.3026
148	2025	ALT2	EB	MD	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.3796	0.1100
149	2025	ALT2	EB	MD	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.6258	0.1814
150	2025	ALT2	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6502	0.1877
151	2025	ALT2	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.8778	0.2534
152	2025	ALT2	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6963	0.2010
153	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1962	0.0567
154	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3753	0.1084
155	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2789	0.0806
156	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2194	0.0634
157	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3861	0.1115
158	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.4449	0.1285
159	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2546	0.0735

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
160	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.4745	0.1371
161	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1582	0.0458
162	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1136	0.0329
163	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2687	0.0779
164	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0269	0.0078
165	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1258	0.0365
166	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1554	0.0450
167	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1098	0.0318
168	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0713	0.0207
169	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6483	0.1879
170	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4684	0.1357
171	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2432	0.0705
172	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1423	0.0412
173	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2529	0.0733
174	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1789	0.0518
175	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2139	0.0620
176	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1871	0.0542
177	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2545	0.0737
178	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1235	0.0358
179	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1800	0.0520
180	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2424	0.0700
181	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4122	0.1191
182	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3863	0.1116
183	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2801	0.0809
184	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0969	0.0280
185	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3204	0.0926
186	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1265	0.0366
187	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2001	0.0578
188	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0872	0.0252
189	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2571	0.0743
190	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0136	0.0039
191	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3384	0.0981
192	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0270	0.0078
193	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5263	0.1525
194	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0612	0.0177
195	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0723	0.0210
196	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0607	0.0176
197	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3528	0.1022
198	2025	ALT2	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1579	0.0457
199	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3861	0.1116
200	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1988	0.0574
201	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.7553	0.2182
202	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1754	0.0507
203	2025	ALT2	EB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.8041	0.2323
204	2025	ALT2	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1772	0.0512
205	2025	ALT2	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3949	0.1140
206	2025	ALT2	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1781	0.0514
207	2025	ALT2	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6487	0.1872
208	2025	ALT2	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2001	0.0578
209	2025	ALT2	EB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.0510	0.0147
210	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.6270	0.1812
211	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4326	0.1250
212	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	1.1579	0.3346
213	2025	ALT2	EB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.6663	0.1925
214	2025	ALT2	EB	MD														
215	2025	ALT2	EB	MD														
1	2025	ALT2	EB	PM	0.047875337	0.115640182	0.062529394	1.018384415	0.020082203	0.061575653	0.009379409	0.152757662	0.11040473	1.134024597	0.029461612	0.214333316	3.9360	0.9093
2	2025	ALT2	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	9.8778	2.2688
3	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	0.4620	0.1072
4	2025	ALT2	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	8.5020	1.9530
5	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.2379	0.7496
6	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.9944	1.1484
7	2025	ALT2	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	7.4112	1.7000
8	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	9.3993	2.1544
9	2025	ALT2	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	7.9310	1.8192
10	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	2.3871	0.5447

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
11	2025	ALT2	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	4.8319	1.1039
12	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.3998	0.7797
13	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.9662	0.6911
14	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.7856	1.1096
15	2025	ALT2	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	6.2079	1.4336
16	2025	ALT2	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.6687	0.8483
17	2025	ALT2	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	6.2608	1.4361
18	2025	ALT2	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	4.9120	1.1327
19	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.7189	0.8636
20	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	8.1837	1.9020
21	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	0.8858	0.2071
22	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.1705	0.7542
23	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.3647	0.7952
24	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.8184	0.6743
25	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.8642	0.4440
26	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	15.7362	3.7622
27	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	12.1507	2.9231
28	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.0361	1.6926
29	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.6455	1.1217
30	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.7825	1.8808
31	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.7405	1.3859
32	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.3726	1.5325
33	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.7938	1.3945
34	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.7692	1.6189
35	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.5674	0.8582
36	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.2795	1.0297
37	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.7640	1.3869
38	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.7220	2.0896
39	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.7467	2.1053
40	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.7234	1.3748
41	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.1618	0.5216
42	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.7794	1.6280
43	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.7748	0.6690
44	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.1419	0.9943
45	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.8707	0.4508
46	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.2363	1.2578
47	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.2915	0.0704
48	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.0661	1.4645
49	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.4983	0.1203
50	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.8949	1.8986
51	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.2774	0.3091
52	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.8216	0.4391
53	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.4366	0.3450
54	2025	ALT2	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	7.9018	1.8937
55	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.6073	0.8670
56	2025	ALT2	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	4.8418	1.1599
57	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.5993	0.6295
58	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.1982	2.2247
59	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.3326	0.5670
60	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	10.0808	2.4397
61	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.2254	0.5427
62	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.6409	1.1331
63	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.7796	0.4311
64	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.9025	1.4236
65	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.9425	0.4706
66	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	0.6813	0.1617
67	2025	ALT2	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.1646	1.2151
68	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.6948	0.8769
69	2025	ALT2	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.2066	2.1711
70	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.4143	1.2818
71	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.2336	1.7026
72	2025	ALT2	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.8493	1.6195
73	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1609	0.0427
74	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1072	0.0265
75	2025	ALT2	EB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1451	0.0435
76	2025	ALT2	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1681	0.0461

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
77	2025	ALT2	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1682	0.0466
78	2025	ALT2	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1296	0.0339
79	2025	ALT2	EB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1685	0.0502
80	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2660	0.0689
81	2025	ALT2	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5414	0.1372
82	2025	ALT2	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2174	0.0552
83	2025	ALT2	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0903	0.0203
84	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1769	0.0436
85	2025	ALT2	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4098	0.0976
86	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.4524	0.1137
87	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1389	0.0360
88	2025	ALT2	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2189	0.0554
89	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0828	0.0214
90	2025	ALT2	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2693	0.0713
91	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2284	0.0512
92	2025	ALT2	EB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.2211	0.0637
93	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	4.8703	1.0663
94	2025	ALT2	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	1.1417	0.2712
95	2025	ALT2	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2576	0.0690
96	2025	ALT2	EB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3401	0.0812
97	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2068	0.0455
98	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2791	0.0658
99	2025	ALT2	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3583	0.0833
100	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.4611	0.1119
101	2025	ALT2	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2858	0.0682
102	2025	ALT2	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1693	0.0406
103	2025	ALT2	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1344	0.0333
104	2025	ALT2	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1744	0.0437
105	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2302	0.0595
106	2025	ALT2	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0289	0.0081
107	2025	ALT2	EB	PM														
108	2025	ALT2	EB	PM														
109	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2569	0.0629
110	2025	ALT2	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3256	0.0815
111	2025	ALT2	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1483	0.0352
112	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3157	0.0829
113	2025	ALT2	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1861	0.0475
114	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1577	0.0417
115	2025	ALT2	EB	PM														
116	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1320	0.0346
117	2025	ALT2	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1430	0.0351
118	2025	ALT2	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1535	0.0399
119	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1736	0.0414
120	2025	ALT2	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1237	0.0322
121	2025	ALT2	EB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4954	0.1180
122	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	3.1476	0.7637
123	2025	ALT2	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	2.0368	0.4801
124	2025	ALT2	EB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.0920	0.0276
125	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1939	0.0475
126	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0874	0.0232
127	2025	ALT2	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2450	0.0647
128	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0554	0.0152
129	2025	ALT2	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2799	0.0690
130	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2706	0.0687
131	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3573	0.0847
132	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2855	0.0728
133	2025	ALT2	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3950	0.0978
134	2025	ALT2	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.6117	0.4002
135	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3442	0.0878
136	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0731	0.0198
137	2025	ALT2	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	4.3641	0.9678
138	2025	ALT2	EB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1100	0.0323
139	2025	ALT2	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1391	0.0371
140	2025	ALT2	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2752	0.0777
141	2025	ALT2	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0820	0.0208
142	2025	ALT2	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2796	0.0796

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
143	2025	ALT2	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1989	0.0508
144	2025	ALT2	EB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.4069	0.1198
145	2025	ALT2	EB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	1.0742	0.3163
146	2025	ALT2	EB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.0464	0.0136
147	2025	ALT2	EB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.9084	0.2674
148	2025	ALT2	EB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.3303	0.0972
149	2025	ALT2	EB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.5445	0.1603
150	2025	ALT2	EB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.6484	0.1891
151	2025	ALT2	EB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.8754	0.2553
152	2025	ALT2	EB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.6944	0.2025
153	2025	ALT2	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2084	0.0601
154	2025	ALT2	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3986	0.1150
155	2025	ALT2	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2961	0.0855
156	2025	ALT2	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2330	0.0673
157	2025	ALT2	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4100	0.1183
158	2025	ALT2	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4725	0.1364
159	2025	ALT2	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2703	0.0780
160	2025	ALT2	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.5038	0.1454
161	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2904	0.0839
162	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2084	0.0602
163	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4932	0.1425
164	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0494	0.0143
165	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2309	0.0667
166	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2852	0.0824
167	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2015	0.0582
168	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1309	0.0378
169	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	1.1900	0.3438
170	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.8598	0.2484
171	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3036	0.0877
172	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1777	0.0513
173	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3157	0.0912
174	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2234	0.0645
175	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2670	0.0771
176	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2335	0.0675
177	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3177	0.0918
178	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1542	0.0445
179	2025	ALT2	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.1961	0.0569
180	2025	ALT2	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.2642	0.0766
181	2025	ALT2	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.4492	0.1302
182	2025	ALT2	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.4210	0.1220
183	2025	ALT2	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.3053	0.0885
184	2025	ALT2	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.1056	0.0306
185	2025	ALT2	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.3492	0.1012
186	2025	ALT2	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.1379	0.0400
187	2025	ALT2	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.2181	0.0632
188	2025	ALT2	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.0950	0.0276
189	2025	ALT2	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.2802	0.0812
190	2025	ALT2	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.0149	0.0043
191	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3450	0.0997
192	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0276	0.0080
193	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.5364	0.1550
194	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0624	0.0180
195	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0737	0.0213
196	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0619	0.0179
197	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3596	0.1039
198	2025	ALT2	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1609	0.0465
199	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3581	0.1035
200	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1844	0.0533
201	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.7005	0.2024
202	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1627	0.0470
203	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.7458	0.2155
204	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1575	0.0455
205	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3509	0.1014
206	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1583	0.0457
207	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5765	0.1666
208	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1778	0.0514

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
209	2025	ALT2	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0454	0.0131
210	2025	ALT2	EB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.5415	0.1579
211	2025	ALT2	EB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.3736	0.1089
212	2025	ALT2	EB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	1.0000	0.2916
213	2025	ALT2	EB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.5754	0.1678
214	2025	ALT2	EB	PM														
215	2025	ALT2	EB	PM														
1	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.5049	1.1830
2	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	14.2120	3.0457
3	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.6455	0.1396
4	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	11.9657	2.5657
5	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.4746	0.9620
6	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.0245	1.4996
7	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.2389	2.1979
8	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.9764	2.7627
9	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.8025	2.3197
10	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.3677	0.7147
11	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.6627	1.4216
12	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.7012	1.0012
13	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.8599	0.8281
14	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.3891	1.3628
15	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.1635	1.7557
16	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.7503	1.0234
17	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.1913	1.7529
18	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.2585	1.3413
19	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.6127	0.9891
20	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.1606	2.1738
21	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.0869	0.2336
22	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.2143	0.7051
23	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.4059	0.7438
24	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.7200	0.5988
25	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.7996	0.3967
26	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	15.2481	3.3726
27	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	11.3613	2.5131
28	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.2950	1.3875
29	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.0419	0.8954
30	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.9786	1.5463
31	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.0784	1.1261
32	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.7967	1.2792
33	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.2636	1.1654
34	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.2604	1.3729
35	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.2341	0.7154
36	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.8583	0.8527
37	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.1967	1.1485
38	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.8571	1.7265
39	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.7613	1.7155
40	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.2867	1.1648
41	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.9595	0.4343
42	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.1946	1.3675
43	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.5252	0.5596
44	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.8451	0.8494
45	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.7035	0.3773
46	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.7387	1.0470
47	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.2570	0.0569
48	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.3232	1.1751
49	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.4354	0.0964
50	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.7563	1.7125
51	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.2786	0.2859
52	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.8674	0.4201
53	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.4022	0.3139
54	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.0906	1.8108
55	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.6788	0.8231
56	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.7861	1.0654
57	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.5097	0.5603
58	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.9861	2.0002
59	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.2189	0.4972

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
60	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.5978	2.1490
61	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.0550	0.4615
62	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.1949	0.9377
63	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.7473	0.3883
64	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.7881	1.2789
65	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.8613	0.4136
66	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.5334	0.1197
67	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.0683	0.9029
68	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.9061	0.6479
69	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.0867	1.5617
70	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.1352	0.9133
71	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.5380	1.2122
72	2025	ALT2	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.1796	1.1396
73	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0988	0.0229
74	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0671	0.0155
75	2025	ALT2	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1710	0.0414
76	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1749	0.0424
77	2025	ALT2	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1755	0.0417
78	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1212	0.0288
79	2025	ALT2	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2126	0.0499
80	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2390	0.0574
81	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4671	0.1098
82	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1755	0.0431
83	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1152	0.0241
84	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0859	0.0203
85	2025	ALT2	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3810	0.0848
86	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4824	0.1051
87	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0924	0.0216
88	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2497	0.0557
89	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0544	0.0126
90	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1680	0.0355
91	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2790	0.0585
92	2025	ALT2	EB	NT	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2678	0.0610
93	2025	ALT2	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	9.3214	1.8142
94	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.1769	0.2519
95	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1786	0.0399
96	2025	ALT2	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3029	0.0682
97	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1901	0.0377
98	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1543	0.0328
99	2025	ALT2	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4415	0.0942
100	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3426	0.0763
101	2025	ALT2	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1225	0.0255
102	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1081	0.0237
103	2025	ALT2	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0753	0.0176
104	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1252	0.0298
105	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1828	0.0413
106	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0210	0.0052
107	2025	ALT2	EB	NT														
108	2025	ALT2	EB	NT														
109	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2335	0.0515
110	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2285	0.0555
111	2025	ALT2	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0821	0.0181
112	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2258	0.0537
113	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1443	0.0334
114	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1304	0.0322
115	2025	ALT2	EB	NT														
116	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0589	0.0151
117	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1467	0.0322
118	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0649	0.0160
119	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1713	0.0397
120	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0635	0.0159
121	2025	ALT2	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1978	0.0428
122	2025	ALT2	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	3.2928	0.7197
123	2025	ALT2	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	2.3088	0.5059
124	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1543	0.0355
125	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0240	0.0054

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
126	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0703	0.0171
127	2025	ALT2	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3330	0.0759
128	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0248	0.0065
129	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2251	0.0504
130	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1822	0.0436
131	2025	ALT2	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3442	0.0741
132	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1330	0.0324
133	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4686	0.1058
134	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.7491	0.1717
135	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3386	0.0762
136	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0450	0.0113
137	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.3548	0.3164
138	2025	ALT2	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0880	0.0207
139	2025	ALT2	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1094	0.0275
140	2025	ALT2	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2677	0.0652
141	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0496	0.0124
142	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1844	0.0457
143	2025	ALT2	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1075	0.0268
144	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2522	0.0731
145	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6659	0.1929
146	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0287	0.0083
147	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5631	0.1631
148	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2047	0.0593
149	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3375	0.0978
150	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3348	0.0970
151	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4520	0.1310
152	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3586	0.1039
153	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0937	0.0273
154	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1792	0.0522
155	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1331	0.0388
156	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1048	0.0305
157	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1843	0.0537
158	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2124	0.0619
159	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1215	0.0354
160	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2265	0.0660
161	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0916	0.0267
162	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0658	0.0192
163	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1556	0.0453
164	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0156	0.0045
165	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0729	0.0212
166	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0900	0.0262
167	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0636	0.0185
168	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0413	0.0120
169	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3754	0.1094
170	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2712	0.0790
171	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1507	0.0439
172	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0882	0.0257
173	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1567	0.0457
174	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1109	0.0323
175	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1326	0.0386
176	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1159	0.0338
177	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1577	0.0460
178	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0765	0.0223
179	2025	ALT2	EB	NT	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1156	0.0334
180	2025	ALT2	EB	NT	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1557	0.0450
181	2025	ALT2	EB	NT	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2647	0.0765
182	2025	ALT2	EB	NT	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2481	0.0717
183	2025	ALT2	EB	NT	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1799	0.0520
184	2025	ALT2	EB	NT	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0622	0.0180
185	2025	ALT2	EB	NT	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2058	0.0595
186	2025	ALT2	EB	NT	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0813	0.0235
187	2025	ALT2	EB	NT	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1285	0.0371
188	2025	ALT2	EB	NT	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0560	0.0162
189	2025	ALT2	EB	NT	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1651	0.0477
190	2025	ALT2	EB	NT	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0088	0.0025
191	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2154	0.0628

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
192	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0172	0.0050
193	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3349	0.0976
194	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0390	0.0114
195	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0460	0.0134
196	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0386	0.0113
197	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2245	0.0654
198	2025	ALT2	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1004	0.0293
199	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2239	0.0649
200	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1153	0.0334
201	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4381	0.1269
202	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1017	0.0295
203	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4664	0.1351
204	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1023	0.0296
205	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2278	0.0660
206	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1028	0.0298
207	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3743	0.1084
208	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1155	0.0335
209	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0294	0.0085
210	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3226	0.0935
211	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2226	0.0645
212	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5958	0.1726
213	2025	ALT2	EB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3429	0.0993
214	2025	ALT2	EB	NT														
215	2025	ALT2	EB	NT														
216	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.3794	0.8024
217	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.2926	1.4878
218	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.3524	1.0367
219	2025	ALT2	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.4241	1.5165
220	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.4898	0.8333
221	2025	ALT2	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.1678	0.7498
222	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.4943	0.8347
223	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.6746	0.4009
224	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.8786	0.4582
225	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.1924	0.2902
226	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.1913	1.2637
227	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.9522	0.4788
228	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0520	0.2587
229	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.0249	1.7173
230	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6666	0.4085
231	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.7866	0.4351
232	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.7469	0.4259
233	2025	ALT2	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.0743	1.4649
234	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.9357	0.2270
235	2025	ALT2	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.7494	0.9022
236	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.4326	0.5897
237	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.8620	0.9231
238	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.2165	0.2914
239	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0862	0.2605
240	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.3282	0.3211
241	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.9172	1.1831
242	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.3277	0.0789
243	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1939	1.0066
244	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.6157	0.1479
245	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.9212	0.9397
246	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9500	0.7087
247	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0036	0.9591
248	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.2525	0.3022
249	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0177	0.9650
250	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.4819	1.5616
251	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.0927	1.2204
252	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0617	0.9799
253	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9089	0.7017
254	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.7117	0.6520
255	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.8078	1.1474
256	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0430	0.7335
257	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.9957	0.9592

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
258	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.5534	0.8600
259	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.1875	1.2543
260	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.5069	0.8499
261	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.3995	1.0599
262	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.4281	2.7570
263	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.7882	1.3921
264	2025	ALT2	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	2.3536	0.5589
265	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.2520	0.2994
266	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.5133	1.0706
267	2025	ALT2	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.4123	0.3329
268	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.2476	0.0588
269	2025	ALT2	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	6.4568	1.5095
270	2025	ALT2	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	2.8299	0.6587
271	2025	ALT2	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	4.3459	1.0027
272	2025	ALT2	WB	AM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.1413	0.7229
273	2025	ALT2	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.0563	0.7075
274	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.5284	0.8200
275	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.2194	1.4408
276	2025	ALT2	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6007	0.3720
277	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.6210	0.8367
278	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.9328	0.4442
279	2025	ALT2	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.7538	0.8579
280	2025	ALT2	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.8855	0.8927
281	2025	ALT2	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	2.8613	0.6548
282	2025	ALT2	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.2382	0.9710
283	2025	ALT2	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.9291	0.8983
284	2025	ALT2	WB	AM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	4.8514	1.1135
285	2025	ALT2	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.4611	0.7952
286	2025	ALT2	WB	AM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.0377	0.7002
287	2025	ALT2	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.4789	1.2663
288	2025	ALT2	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	0.5642	0.1313
289	2025	ALT2	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	6.0322	1.3963
290	2025	ALT2	WB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2043	0.0515
291	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1778	0.0456
292	2025	ALT2	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0411	0.0104
293	2025	ALT2	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1467	0.0415
294	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1093	0.0283
295	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1122	0.0296
296	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0674	0.0177
297	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	2.5596	0.5624
298	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0160	0.0041
299	2025	ALT2	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0819	0.0208
300	2025	ALT2	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.9245	0.2341
301	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1551	0.0388
302	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0703	0.0185
303	2025	ALT2	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0488	0.0114
304	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0817	0.0221
305	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0988	0.0241
306	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1006	0.0276
307	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0542	0.0141
308	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1365	0.0363
309	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0554	0.0132
310	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.6085	0.1492
311	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1173	0.0301
312	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0727	0.0182
313	2025	ALT2	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.5798	0.1411
314	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1070	0.0282
315	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1262	0.0316
316	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0715	0.0181
317	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0763	0.0188
318	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0816	0.0205
319	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1468	0.0373
320	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0692	0.0176
321	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1402	0.0373
322	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0658	0.0174
323	2025	ALT2	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2702	0.0646

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
324	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0848	0.0209
325	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3596	0.0940
326	2025	ALT2	WB	AM														
327	2025	ALT2	WB	AM														
328	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0669	0.0170
329	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1664	0.0425
330	2025	ALT2	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0464	0.0113
331	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3384	0.0837
332	2025	ALT2	WB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0867	0.0207
333	2025	ALT2	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2468	0.0596
334	2025	ALT2	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1269	0.0309
335	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3806	0.0910
336	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2704	0.0650
337	2025	ALT2	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1367	0.0300
338	2025	ALT2	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1379	0.0308
339	2025	ALT2	WB	AM	0.047497218	0.119814445	0.071945858	1.171745577	0.019731454	0.065415655	0.010791879	0.175761837	0.119443076	1.291560023	0.030523332	0.241177492	0.4478	0.1075
340	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	1.8743	0.4322
341	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	1.4955	0.3489
342	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1817	0.0446
343	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1243	0.0277
344	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1459	0.0357
345	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0384	0.0089
346	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0609	0.0142
347	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0671	0.0171
348	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.8221	0.1995
349	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1044	0.0244
350	2025	ALT2	WB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1553	0.0381
351	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0727	0.0156
352	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0417	0.0106
353	2025	ALT2	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1431	0.0354
354	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3149	0.0804
355	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0957	0.0240
356	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1288	0.0341
357	2025	ALT2	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2323	0.0649
358	2025	ALT2	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1393	0.0344
359	2025	ALT2	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1344	0.0378
360	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1028	0.0256
361	2025	ALT2	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0835	0.0230
362	2025	ALT2	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0993	0.0242
363	2025	ALT2	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1719	0.0458
364	2025	ALT2	WB	AM														
365	2025	ALT2	WB	AM														
366	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2002	0.0578
367	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3889	0.1123
368	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2481	0.0716
369	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2056	0.0593
370	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1934	0.0558
371	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1833	0.0529
372	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1909	0.0551
373	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.0879	0.0254
374	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1359	0.0392
375	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.0889	0.0257
376	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3990	0.1152
377	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1331	0.0384
378	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.0620	0.0179
379	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2277	0.0657
380	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1178	0.0340
381	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1362	0.0393
382	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1265	0.0365
383	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1963	0.0567
384	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.0683	0.0197
385	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1698	0.0490
386	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1725	0.0498
387	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4300	0.1241
388	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1281	0.0370
389	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1120	0.0323

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
390	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0817	0.0236
391	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1579	0.0456
392	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0204	0.0059
393	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2733	0.0789
394	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0389	0.0112
395	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1057	0.0305
396	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1838	0.0531
397	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1077	0.0311
398	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0751	0.0217
399	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1209	0.0349
400	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3761	0.1087
401	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1557	0.0449
402	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2650	0.0765
403	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1898	0.0548
404	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1830	0.0528
405	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1334	0.0385
406	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1971	0.0569
407	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1192	0.0344
408	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2116	0.0611
409	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1430	0.0413
410	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1758	0.0508
411	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1169	0.0338
412	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.5652	0.1633
413	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2172	0.0628
414	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1160	0.0335
415	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0593	0.0171
416	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2529	0.0731
417	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0593	0.0171
418	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0092	0.0027
419	2025	ALT2	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1295	0.0374
420	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2262	0.0653
421	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2543	0.0734
422	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2616	0.0755
423	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2476	0.0715
424	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1890	0.0546
425	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.5668	0.1636
426	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1386	0.0400
427	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1961	0.0566
428	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1724	0.0498
429	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3297	0.0952
430	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2673	0.0772
431	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1782	0.0514
432	2025	ALT2	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1699	0.0490
433	2025	ALT2	WB	AM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.3260	0.0945
434	2025	ALT2	WB	AM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.3840	0.1113
435	2025	ALT2	WB	AM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.2964	0.0859
436	2025	ALT2	WB	AM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.2491	0.0722
437	2025	ALT2	WB	AM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	0.2301	0.0667
216	2025	ALT2	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.3227	1.1952
217	2025	ALT2	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.0381	2.2445
218	2025	ALT2	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.8273	1.5389
219	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.0889	2.2628
220	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.5405	1.2543
221	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.0588	1.1406
222	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.6643	1.2883
223	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.7297	0.6228
224	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9678	0.6870
225	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.8885	0.4359
226	2025	ALT2	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.2831	1.9134
227	2025	ALT2	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.0518	0.7115
228	2025	ALT2	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.7166	0.4040
229	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.7393	2.7456
230	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0249	0.7152
231	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.2695	0.7689
232	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0361	0.7076
233	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.7688	2.5009

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
234	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6874	0.3933
235	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.8287	1.5868
236	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.7468	1.1189
237	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.9490	1.6214
238	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2215	0.5202
239	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.9782	0.4637
240	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.4269	0.5738
241	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.9058	2.0911
242	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.5683	0.1326
243	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.2683	1.6904
244	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0738	0.2501
245	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.9083	1.6053
246	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.1553	1.1999
247	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.9283	1.6042
248	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2887	0.5385
249	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.2970	1.7085
250	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.7863	2.7668
251	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.1601	2.1373
252	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.2227	1.6894
253	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.1727	1.2099
254	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.5383	1.0474
255	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.9775	1.8261
256	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.4158	1.2653
257	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.0756	1.6472
258	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.1463	1.4379
259	2025	ALT2	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.9743	2.1050
260	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.0696	1.4208
261	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.5763	1.7629
262	2025	ALT2	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	19.2085	4.4528
263	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.6343	2.2188
264	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1610	0.9524
265	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2294	0.5107
266	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.9122	1.7946
267	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.5328	0.5757
268	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.4636	0.1051
269	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	12.2896	2.7762
270	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.4362	1.2215
271	2025	ALT2	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.5554	1.9158
272	2025	ALT2	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.2801	1.4080
273	2025	ALT2	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.1503	1.3814
274	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.1053	1.5951
275	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	13.0834	2.9499
276	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.3943	0.7673
277	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.6572	1.7219
278	2025	ALT2	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0561	0.9038
279	2025	ALT2	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.9059	1.7642
280	2025	ALT2	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.3653	1.8714
281	2025	ALT2	WB	MD	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.1584	1.3725
282	2025	ALT2	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.1187	2.0416
283	2025	ALT2	WB	MD	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	8.4029	1.8689
284	2025	ALT2	WB	MD	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	10.3016	2.3006
285	2025	ALT2	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.5491	1.6918
286	2025	ALT2	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.3874	1.4290
287	2025	ALT2	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	11.6467	2.5918
288	2025	ALT2	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.2389	0.2796
289	2025	ALT2	WB	MD	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	13.2671	2.9639
290	2025	ALT2	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2266	0.0558
291	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2292	0.0570
292	2025	ALT2	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0666	0.0165
293	2025	ALT2	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2745	0.0747
294	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1566	0.0385
295	2025	ALT2	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2451	0.0678
296	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1249	0.0311
297	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	4.5120	0.9442
298	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0233	0.0058
299	2025	ALT2	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1001	0.0246

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
300	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.2131	0.2972
301	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3209	0.0784
302	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0671	0.0165
303	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1382	0.0326
304	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1324	0.0339
305	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2098	0.0498
306	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1127	0.0288
307	2025	ALT2	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1507	0.0405
308	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2118	0.0521
309	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1505	0.0369
310	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.3470	0.3102
311	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2690	0.0678
312	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1159	0.0281
313	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.0787	0.2567
314	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2248	0.0590
315	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2714	0.0666
316	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1258	0.0310
317	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1588	0.0383
318	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1070	0.0265
319	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2443	0.0600
320	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1438	0.0364
321	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2329	0.0596
322	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1293	0.0331
323	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4965	0.1146
324	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1754	0.0429
325	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5556	0.1327
326	2025	ALT2	WB	MD														
327	2025	ALT2	WB	MD														
328	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1258	0.0313
329	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2982	0.0738
330	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0916	0.0220
331	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4845	0.1132
332	2025	ALT2	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1550	0.0356
333	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4353	0.0995
334	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2313	0.0550
335	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.7264	0.1662
336	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.5296	0.1253
337	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.4272	0.0912
338	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3110	0.0694
339	2025	ALT2	WB	MD	0.047497218	0.119814445	0.071945858	1.171745577	0.019731454	0.065415655	0.010791879	0.175761837	0.119443076	1.291560023	0.030523332	0.241177492	0.8693	0.1996
340	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	3.5568	0.7775
341	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	3.8127	0.8319
342	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2838	0.0667
343	2025	ALT2	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.3232	0.0799
344	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1865	0.0421
345	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1083	0.0255
346	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1635	0.0394
347	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1232	0.0288
348	2025	ALT2	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.5052	0.3477
349	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2582	0.0591
350	2025	ALT2	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3546	0.0858
351	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2360	0.0541
352	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0953	0.0244
353	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3334	0.0812
354	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.6691	0.1595
355	2025	ALT2	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2144	0.0527
356	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1809	0.0456
357	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.4078	0.1037
358	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2031	0.0511
359	2025	ALT2	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2788	0.0763
360	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1733	0.0440
361	2025	ALT2	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1799	0.0476
362	2025	ALT2	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1998	0.0462
363	2025	ALT2	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3390	0.0878
364	2025	ALT2	WB	MD														
365	2025	ALT2	WB	MD														

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
366	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4789	0.1382
367	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.9304	0.2685
368	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.5934	0.1713
369	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4917	0.1419
370	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4688	0.1353
371	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4443	0.1283
372	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4628	0.1336
373	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2131	0.0615
374	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3293	0.0950
375	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2156	0.0622
376	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.9673	0.2792
377	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3225	0.0931
378	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1503	0.0434
379	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5791	0.1673
380	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2996	0.0866
381	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3463	0.1001
382	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3218	0.0930
383	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4993	0.1443
384	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1736	0.0502
385	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4318	0.1248
386	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4386	0.1267
387	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	1.0936	0.3160
388	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3257	0.0941
389	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2848	0.0823
390	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2260	0.0652
391	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4366	0.1260
392	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.0565	0.0163
393	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.7557	0.2181
394	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1075	0.0310
395	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2922	0.0843
396	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.5082	0.1467
397	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2978	0.0860
398	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2077	0.0599
399	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3343	0.0965
400	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.0401	0.3002
401	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4307	0.1245
402	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.7332	0.2119
403	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5251	0.1517
404	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5062	0.1463
405	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3691	0.1066
406	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5454	0.1576
407	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3298	0.0953
408	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5853	0.1691
409	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3956	0.1143
410	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4231	0.1221
411	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2814	0.0812
412	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.3600	0.3925
413	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.5227	0.1509
414	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2792	0.0806
415	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1427	0.0412
416	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6085	0.1756
417	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1426	0.0412
418	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.0222	0.0064
419	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3116	0.0899
420	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5257	0.1519
421	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5910	0.1708
422	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.6080	0.1757
423	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5757	0.1663
424	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4394	0.1270
425	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	1.3176	0.3807
426	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3222	0.0931
427	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4558	0.1317
428	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4008	0.1158
429	2025	ALT2	WB	MD	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.7664	0.2214
430	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4333	0.1251
431	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2889	0.0834

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
432	2025	ALT2	WB	MD	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2754	0.0795
433	2025	ALT2	WB	MD	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.7428	0.2166
434	2025	ALT2	WB	MD	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.8749	0.2551
435	2025	ALT2	WB	MD	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.6752	0.1969
436	2025	ALT2	WB	MD	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.5676	0.1655
437	2025	ALT2	WB	MD	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.5244	0.1529
216	2025	ALT2	WB	PM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.5345	0.7988
217	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.6286	1.4865
218	2025	ALT2	WB	PM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.5526	1.0332
219	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.7162	1.5161
220	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.7026	0.8438
221	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.3785	0.7667
222	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.8206	0.8764
223	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.8635	0.4292
224	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.7762	0.4158
225	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.1351	0.2653
226	2025	ALT2	WB	PM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.0058	1.1722
227	2025	ALT2	WB	PM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.8914	0.4473
228	2025	ALT2	WB	PM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.0985	0.2632
229	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.5241	1.7924
230	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0392	0.4924
231	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2072	0.5309
232	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.1079	0.5044
233	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.5165	1.7919
234	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.1898	0.2850
235	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.8413	1.1578
236	2025	ALT2	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.4153	0.8225
237	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.4032	1.2938
238	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.7435	0.4195
239	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.5602	0.3750
240	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.9720	0.4776
241	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.2570	1.7485
242	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.4730	0.1140
243	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.0819	1.4594
244	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.9004	0.2168
245	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.7215	1.3723
246	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.2632	1.0260
247	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.7290	1.3705
248	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.8224	0.4405
249	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.8180	1.4001
250	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.4042	2.2670
251	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.1450	1.7108
252	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.6107	1.3485
253	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0182	0.9657
254	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.6142	0.8621
255	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.2812	1.4866
256	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1349	0.9909
257	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.2946	1.2602
258	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.5924	1.1002
259	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.5899	1.5756
260	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.4896	1.0748
261	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.5419	1.3191
262	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	14.0326	3.3247
263	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.0613	1.6703
264	2025	ALT2	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	2.9930	0.7006
265	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.6371	0.3861
266	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.8023	1.3562
267	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.7034	0.4008
268	2025	ALT2	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.3004	0.0708
269	2025	ALT2	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	7.9710	1.8637
270	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.4799	0.8138
271	2025	ALT2	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.4242	1.2592
272	2025	ALT2	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	4.0322	0.9339
273	2025	ALT2	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.9879	0.9293
274	2025	ALT2	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.5823	1.0659
275	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.2965	1.9494

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
276	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.2099	0.5223
277	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.8765	1.1462
278	2025	ALT2	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.5828	0.6041
279	2025	ALT2	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	5.0870	1.1805
280	2025	ALT2	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.1740	1.2013
281	2025	ALT2	WB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.8215	0.8862
282	2025	ALT2	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	5.5800	1.2892
283	2025	ALT2	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	5.1566	1.1933
284	2025	ALT2	WB	PM	0.047875337	0.115640182	0.062529394	1.018384415	0.020082203	0.061575653	0.009379409	0.152757662	0.11040473	1.134024597	0.029461612	0.214333316	6.3737	1.4820
285	2025	ALT2	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	4.5277	1.0501
286	2025	ALT2	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.9017	0.9063
287	2025	ALT2	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.9477	1.6173
288	2025	ALT2	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	0.7388	0.1737
289	2025	ALT2	WB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	7.7903	1.8199
290	2025	ALT2	WB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1738	0.0433
291	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1719	0.0430
292	2025	ALT2	WB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0489	0.0122
293	2025	ALT2	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1919	0.0525
294	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1063	0.0264
295	2025	ALT2	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1852	0.0522
296	2025	ALT2	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1070	0.0271
297	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	3.9852	0.8592
298	2025	ALT2	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0118	0.0029
299	2025	ALT2	WB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0469	0.0113
300	2025	ALT2	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.9299	0.2285
301	2025	ALT2	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2391	0.0620
302	2025	ALT2	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0409	0.0100
303	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1407	0.0347
304	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0875	0.0225
305	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2097	0.0528
306	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0641	0.0161
307	2025	ALT2	WB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1283	0.0387
308	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1345	0.0334
309	2025	ALT2	WB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1477	0.0424
310	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.8642	0.2098
311	2025	ALT2	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2424	0.0671
312	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1186	0.0293
313	2025	ALT2	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.9976	0.2420
314	2025	ALT2	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1776	0.0486
315	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2088	0.0525
316	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0909	0.0227
317	2025	ALT2	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1394	0.0360
318	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1238	0.0308
319	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1906	0.0481
320	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1176	0.0304
321	2025	ALT2	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1531	0.0397
322	2025	ALT2	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1034	0.0285
323	2025	ALT2	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3874	0.0933
324	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1723	0.0433
325	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4017	0.0982
326	2025	ALT2	WB	PM														
327	2025	ALT2	WB	PM														
328	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1134	0.0289
329	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2152	0.0540
330	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0931	0.0233
331	2025	ALT2	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3383	0.0809
332	2025	ALT2	WB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1701	0.0408
333	2025	ALT2	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3319	0.0773
334	2025	ALT2	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1869	0.0453
335	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.5021	0.1180
336	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3745	0.0888
337	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2681	0.0608
338	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3161	0.0744
339	2025	ALT2	WB	PM	0.047629123	0.117097765	0.071945858	1.171745577	0.019853838	0.062916436	0.010791879	0.175761837	0.119574981	1.288843342	0.030645717	0.238678273	0.6410	0.1516
340	2025	ALT2	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.7926	0.4184
341	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	1.9294	0.4503

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
342	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1725	0.0398
343	2025	ALT2	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2082	0.0535
344	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1400	0.0324
345	2025	ALT2	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0892	0.0230
346	2025	ALT2	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1322	0.0334
347	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0947	0.0234
348	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	1.0479	0.2469
349	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2405	0.0609
350	2025	ALT2	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3373	0.0839
351	2025	ALT2	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1301	0.0319
352	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1032	0.0260
353	2025	ALT2	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3201	0.0808
354	2025	ALT2	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.4238	0.1053
355	2025	ALT2	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1716	0.0453
356	2025	ALT2	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1179	0.0307
357	2025	ALT2	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3005	0.0784
358	2025	ALT2	WB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1955	0.0529
359	2025	ALT2	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1900	0.0536
360	2025	ALT2	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1591	0.0407
361	2025	ALT2	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1231	0.0337
362	2025	ALT2	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1785	0.0437
363	2025	ALT2	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2661	0.0742
364	2025	ALT2	WB	PM														
365	2025	ALT2	WB	PM														
366	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3696	0.1068
367	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.7180	0.2075
368	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4580	0.1323
369	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3795	0.1096
370	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3589	0.1037
371	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3402	0.0983
372	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3544	0.1024
373	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1631	0.0471
374	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2521	0.0729
375	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1651	0.0477
376	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.7406	0.2140
377	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2470	0.0714
378	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1151	0.0333
379	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.4622	0.1348
380	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.2391	0.0697
381	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.2764	0.0806
382	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.2568	0.0749
383	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.3985	0.1162
384	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.1385	0.0404
385	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.3446	0.1005
386	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.3501	0.1021
387	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.8729	0.2545
388	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.2600	0.0758
389	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.2273	0.0663
390	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1702	0.0492
391	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3288	0.0950
392	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0426	0.0123
393	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5690	0.1644
394	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0809	0.0234
395	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2200	0.0636
396	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3827	0.1106
397	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2243	0.0648
398	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.1564	0.0452
399	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2518	0.0727
400	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.7832	0.2263
401	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3137	0.0907
402	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5341	0.1543
403	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3825	0.1105
404	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3687	0.1065
405	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2688	0.0777
406	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.3973	0.1148
407	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2402	0.0694

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
408	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4263	0.1232
409	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2882	0.0833
410	2025	ALT2	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3125	0.0902
411	2025	ALT2	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2078	0.0600
412	2025	ALT2	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.0044	0.2899
413	2025	ALT2	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3861	0.1114
414	2025	ALT2	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2062	0.0595
415	2025	ALT2	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1054	0.0304
416	2025	ALT2	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4494	0.1297
417	2025	ALT2	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1053	0.0304
418	2025	ALT2	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.0164	0.0047
419	2025	ALT2	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2302	0.0664
420	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.4049	0.1181
421	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.4551	0.1327
422	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.4682	0.1365
423	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.4433	0.1293
424	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.3383	0.0987
425	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	1.0147	0.2959
426	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.2481	0.0724
427	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.3510	0.1024
428	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.3086	0.0900
429	2025	ALT2	WB	PM	0.047875337	0.115640182	0.043235568	0.704155699	0.020082203	0.061575653	0.006485335	0.105623355	0.091110905	0.819795881	0.026567538	0.167199008	0.5902	0.1721
430	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.4428	0.1279
431	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2952	0.0853
432	2025	ALT2	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.2814	0.0813
433	2025	ALT2	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.5777	0.1701
434	2025	ALT2	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.6803	0.2003
435	2025	ALT2	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.5251	0.1546
436	2025	ALT2	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.4414	0.1300
437	2025	ALT2	WB	PM	0.048280698	0.115492142	0.043235568	0.704155699	0.020458137	0.061439752	0.006485335	0.105623355	0.091516267	0.819647841	0.026943473	0.167063107	0.4078	0.1201
216	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.6242	0.9853
217	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.8278	1.8745
218	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.8209	1.2426
219	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.6772	1.8495
220	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.7005	1.0130
221	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.3321	0.9298
222	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.7591	1.0297
223	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.2295	0.4831
224	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.1290	0.6733
225	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.0277	0.4356
226	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.0025	1.9310
227	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.1501	0.6811
228	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.7068	0.3743
229	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	11.9264	2.6111
230	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.9130	0.6448
231	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.2309	0.7113
232	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.0390	0.6652
233	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.9692	2.3953
234	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.7111	0.3758
235	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.0718	1.5487
236	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.5873	1.0167
237	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.9757	1.7362
238	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.4801	0.5422
239	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.1844	0.4778
240	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.5021	0.5530
241	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.4926	2.0861
242	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.6077	0.1330
243	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.9482	1.7347
244	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.1685	0.2557
245	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.6517	1.6706
246	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.5906	1.2225
247	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.7021	1.6756
248	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.3939	0.5283
249	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.8478	1.7216
250	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.2030	2.6883
251	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.8566	2.1560

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
252	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.5665	1.6608
253	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.4189	1.1894
254	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.9817	1.0821
255	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.0597	1.9523
256	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.6678	1.2426
257	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.5651	1.6515
258	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.3198	1.3878
259	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.3007	2.0389
260	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.1119	1.3430
261	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.9738	1.7419
262	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	19.7172	4.2831
263	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.0920	2.1847
264	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.1679	0.9006
265	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.1937	0.4742
266	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.2138	1.7576
267	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.6149	0.5612
268	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.4690	0.1012
269	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.7889	2.7566
270	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.7140	1.2267
271	2025	ALT2	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.1050	1.9478
272	2025	ALT2	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.6337	1.4189
273	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.4789	1.3911
274	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.5197	1.6109
275	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	13.9114	2.9916
276	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.5533	0.7676
277	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.1391	1.7498
278	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.3268	0.9240
279	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.4573	1.8100
280	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.9929	1.9282
281	2025	ALT2	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.4573	1.3898
282	2025	ALT2	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.6734	2.0744
283	2025	ALT2	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.9180	1.9167
284	2025	ALT2	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.7991	2.3298
285	2025	ALT2	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.9907	1.7148
286	2025	ALT2	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.7690	1.4491
287	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.5976	2.6917
288	2025	ALT2	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.2959	0.2803
289	2025	ALT2	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	14.0943	3.0363
290	2025	ALT2	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1167	0.0286
291	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1157	0.0280
292	2025	ALT2	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0294	0.0072
293	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1888	0.0469
294	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0997	0.0237
295	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1508	0.0374
296	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0391	0.0090
297	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.1363	0.2513
298	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0089	0.0021
299	2025	ALT2	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0480	0.0113
300	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.6212	0.1507
301	2025	ALT2	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2593	0.0599
302	2025	ALT2	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0272	0.0064
303	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1010	0.0227
304	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0788	0.0190
305	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1371	0.0312
306	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0527	0.0129
307	2025	ALT2	WB	NT	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1288	0.0318
308	2025	ALT2	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1302	0.0302
309	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1012	0.0229
310	2025	ALT2	WB	NT	0.047497218	0.119814445	0.071945858	1.171745577	0.019731454	0.065415655	0.010791879	0.175761837	0.119443076	1.291560023	0.030523332	0.241177492	0.9556	0.2094
311	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1834	0.0433
312	2025	ALT2	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0523	0.0120
313	2025	ALT2	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.7387	0.1678
314	2025	ALT2	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1162	0.0295
315	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1691	0.0404
316	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0675	0.0159
317	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1512	0.0349

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
318	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0484	0.0120
319	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1386	0.0326
320	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0917	0.0221
321	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1686	0.0407
322	2025	ALT2	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0900	0.0213
323	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3471	0.0769
324	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1070	0.0257
325	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4080	0.0926
326	2025	ALT2	WB	NT														
327	2025	ALT2	WB	NT														
328	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0816	0.0199
329	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1965	0.0470
330	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0605	0.0143
331	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3258	0.0728
332	2025	ALT2	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1168	0.0261
333	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2851	0.0625
334	2025	ALT2	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1438	0.0326
335	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.5303	0.1137
336	2025	ALT2	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3849	0.0853
337	2025	ALT2	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2615	0.0527
338	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1924	0.0399
339	2025	ALT2	WB	NT	0.047453189	0.123734385	0.071945858	1.171745577	0.019690534	0.069021922	0.010791879	0.175761837	0.119399047	1.295479962	0.030482412	0.244783759	0.6247	0.1383
340	2025	ALT2	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	3.6300	0.7406
341	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	3.3873	0.7206
342	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1507	0.0325
343	2025	ALT2	WB	NT	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2900	0.0644
344	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1433	0.0308
345	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0941	0.0196
346	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1546	0.0345
347	2025	ALT2	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1063	0.0242
348	2025	ALT2	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	1.1637	0.2537
349	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1994	0.0455
350	2025	ALT2	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2511	0.0598
351	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1620	0.0342
352	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1147	0.0264
353	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2084	0.0497
354	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5152	0.1167
355	2025	ALT2	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1449	0.0346
356	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1486	0.0347
357	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2942	0.0717
358	2025	ALT2	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1622	0.0384
359	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2123	0.0510
360	2025	ALT2	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1110	0.0258
361	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1302	0.0308
362	2025	ALT2	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1244	0.0283
363	2025	ALT2	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2429	0.0587
364	2025	ALT2	WB	NT														
365	2025	ALT2	WB	NT														
366	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2366	0.0685
367	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4596	0.1332
368	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2932	0.0849
369	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2429	0.0704
370	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2376	0.0688
371	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2252	0.0652
372	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2345	0.0680
373	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1080	0.0313
374	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1669	0.0484
375	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1093	0.0317
376	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4902	0.1420
377	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1635	0.0474
378	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0762	0.0221
379	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3027	0.0877
380	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1566	0.0454
381	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1810	0.0525
382	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1682	0.0487
383	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2610	0.0756

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
384	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0907	0.0263
385	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2257	0.0654
386	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2293	0.0664
387	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5716	0.1656
388	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1702	0.0493
389	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1488	0.0431
390	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1300	0.0377
391	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2511	0.0728
392	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0325	0.0094
393	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4346	0.1259
394	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0618	0.0179
395	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1681	0.0487
396	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2923	0.0847
397	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1713	0.0496
398	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1194	0.0346
399	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1923	0.0557
400	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5982	0.1733
401	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2371	0.0687
402	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4036	0.1169
403	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2891	0.0838
404	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2786	0.0807
405	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2032	0.0589
406	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3002	0.0870
407	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1815	0.0526
408	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3222	0.0934
409	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2178	0.0631
410	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2595	0.0752
411	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1726	0.0500
412	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.8344	0.2418
413	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3207	0.0929
414	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1713	0.0496
415	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0876	0.0254
416	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3733	0.1082
417	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0875	0.0254
418	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0136	0.0039
419	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1912	0.0554
420	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3112	0.0902
421	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3499	0.1014
422	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3600	0.1043
423	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3408	0.0987
424	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2601	0.0754
425	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7800	0.2260
426	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1908	0.0553
427	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2699	0.0782
428	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2373	0.0688
429	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4537	0.1315
430	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2095	0.0607
431	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1397	0.0405
432	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1331	0.0386
433	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4177	0.1210
434	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4920	0.1425
435	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3797	0.1100
436	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3192	0.0925
437	2025	ALT2	WB	NT	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2949	0.0854
1	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.2109	0.5197
2	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.5344	1.2950
3	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.2538	0.0597
4	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.6235	1.0799
5	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.7977	0.4226
6	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.7685	0.6463
7	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.1863	0.9829
8	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.2144	1.2166
9	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.4151	1.0357
10	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.3186	0.3076
11	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.7978	0.6581
12	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.9189	0.4511

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
13	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6671	0.3959
14	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.6733	0.6324
15	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.4869	0.8248
16	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.0430	0.4835
17	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.4048	0.8026
18	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.7732	0.6584
19	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0360	0.4835
20	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.2210	0.9984
21	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.4460	0.1053
22	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6365	0.3890
23	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6572	0.3922
24	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.4367	0.3420
25	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.9616	0.2297
26	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.9299	1.8984
27	2025	ALT3	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.9368	1.4249
28	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.3158	0.7953
29	2025	ALT3	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.2223	0.5375
30	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.7390	0.9009
31	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.8125	0.6792
32	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.1695	0.7637
33	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0104	0.7289
34	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.4705	0.8368
35	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.8812	0.4570
36	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2671	0.5511
37	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0536	0.7422
38	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.5891	1.1151
39	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.7783	1.1669
40	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.1868	0.7767
41	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.2172	0.2979
42	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.8359	0.9380
43	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6007	0.3925
44	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.3786	0.5821
45	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0735	0.2630
46	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9913	0.7327
47	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.1637	0.0401
48	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.4090	0.8353
49	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.2839	0.0697
50	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.4138	1.0811
51	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.7651	0.1875
52	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0793	0.2645
53	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.8292	0.2019
54	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.4598	1.0839
55	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0629	0.5027
56	2025	ALT3	EB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.5912	0.6253
57	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.3479	0.3261
58	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.5218	1.0887
59	2025	ALT3	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.1102	0.2688
60	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.5070	1.0810
61	2025	ALT3	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.0373	0.2519
62	2025	ALT3	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.0629	0.4979
63	2025	ALT3	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.7937	0.1907
64	2025	ALT3	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.4415	0.5817
65	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.7763	0.1845
66	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.3052	0.0713
67	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2747	0.5243
68	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6194	0.3743
69	2025	ALT3	EB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.8601	0.8813
70	2025	ALT3	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.2609	0.5189
71	2025	ALT3	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.1312	0.7188
72	2025	ALT3	EB	AM	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.9500	0.6803
73	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0939	0.0241
74	2025	ALT3	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0739	0.0189
75	2025	ALT3	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0888	0.0231
76	2025	ALT3	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1169	0.0303
77	2025	ALT3	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1053	0.0276
78	2025	ALT3	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0914	0.0249

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
79	2025	ALT3	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1139	0.0313
80	2025	ALT3	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2185	0.0604
81	2025	ALT3	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3327	0.0810
82	2025	ALT3	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2227	0.0595
83	2025	ALT3	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0738	0.0170
84	2025	ALT3	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1119	0.0283
85	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2455	0.0587
86	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2656	0.0633
87	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0557	0.0133
88	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1530	0.0373
89	2025	ALT3	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0399	0.0102
90	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0616	0.0131
91	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2210	0.0537
92	2025	ALT3	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0954	0.0219
93	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	2.2215	0.4894
94	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.7620	0.1837
95	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1528	0.0376
96	2025	ALT3	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2563	0.0618
97	2025	ALT3	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1381	0.0312
98	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0854	0.0188
99	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2391	0.0546
100	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2650	0.0638
101	2025	ALT3	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1221	0.0281
102	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1207	0.0293
103	2025	ALT3	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0528	0.0127
104	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1515	0.0390
105	2025	ALT3	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1269	0.0308
106	2025	ALT3	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0214	0.0060
107	2025	ALT3	EB	AM														
108	2025	ALT3	EB	AM														
109	2025	ALT3	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1438	0.0342
110	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2739	0.0703
111	2025	ALT3	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0663	0.0159
112	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1925	0.0492
113	2025	ALT3	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0961	0.0235
114	2025	ALT3	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1351	0.0361
115	2025	ALT3	EB	AM														
116	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0725	0.0183
117	2025	ALT3	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0896	0.0216
118	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0569	0.0146
119	2025	ALT3	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1193	0.0299
120	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0682	0.0175
121	2025	ALT3	EB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3041	0.0723
122	2025	ALT3	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	2.2027	0.5286
123	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.1306	0.2682
124	2025	ALT3	EB	AM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.0755	0.0228
125	2025	ALT3	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1613	0.0435
126	2025	ALT3	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0366	0.0094
127	2025	ALT3	EB	AM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1925	0.0573
128	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0070	0.0018
129	2025	ALT3	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2548	0.0691
130	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0799	0.0193
131	2025	ALT3	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3499	0.0911
132	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0473	0.0113
133	2025	ALT3	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3081	0.0809
134	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.7040	0.1681
135	2025	ALT3	EB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2687	0.0693
136	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0143	0.0035
137	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	2.4940	0.5380
138	2025	ALT3	EB	AM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.0783	0.0234
139	2025	ALT3	EB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0552	0.0139
140	2025	ALT3	EB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1908	0.0526
141	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0270	0.0068
142	2025	ALT3	EB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1214	0.0303
143	2025	ALT3	EB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0758	0.0189
144	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2214	0.0641

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
145	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5844	0.1693
146	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0252	0.0073
147	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4942	0.1432
148	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1797	0.0521
149	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2963	0.0858
150	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4070	0.1179
151	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5495	0.1592
152	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4359	0.1263
153	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1488	0.0431
154	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2846	0.0825
155	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2115	0.0613
156	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1664	0.0482
157	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2928	0.0848
158	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3374	0.0978
159	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1930	0.0559
160	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3598	0.1042
161	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1652	0.0479
162	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1185	0.0343
163	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2805	0.0813
164	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0281	0.0081
165	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1314	0.0381
166	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1622	0.0470
167	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1146	0.0332
168	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0745	0.0216
169	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6769	0.1961
170	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4890	0.1417
171	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2759	0.0799
172	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1614	0.0468
173	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2868	0.0831
174	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2029	0.0588
175	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2426	0.0703
176	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2122	0.0615
177	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2887	0.0836
178	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1401	0.0406
179	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1572	0.0458
180	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2118	0.0617
181	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3601	0.1050
182	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3375	0.0984
183	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2448	0.0713
184	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0847	0.0247
185	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2799	0.0816
186	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1106	0.0322
187	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1748	0.0509
188	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0762	0.0222
189	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2246	0.0655
190	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0119	0.0035
191	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2303	0.0671
192	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0184	0.0054
193	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3581	0.1044
194	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0417	0.0121
195	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0492	0.0143
196	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0413	0.0120
197	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2401	0.0700
198	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1074	0.0313
199	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2328	0.0674
200	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1198	0.0347
201	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4553	0.1319
202	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1057	0.0306
203	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4847	0.1405
204	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0394	0.0115
205	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0878	0.0256
206	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0396	0.0115
207	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1443	0.0421
208	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0445	0.0130
209	2025	ALT3	EB	AM	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0114	0.0033
210	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0991	0.0287

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
211	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0683	0.0198
212	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1829	0.0530
213	2025	ALT3	EB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1053	0.0305
214	2025	ALT3	EB	AM														
215	2025	ALT3	EB	AM														
1	2025	ALT3	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.9802	1.1319
2	2025	ALT3	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	12.5367	2.8340
3	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.5692	0.1292
4	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.4283	2.3534
5	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0295	0.9149
6	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.2449	1.4091
7	2025	ALT3	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.3305	2.1142
8	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.6895	2.6313
9	2025	ALT3	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.7597	2.2041
10	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0019	0.6751
11	2025	ALT3	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.1650	1.3951
12	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1968	0.9481
13	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.5481	0.8075
14	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.7701	1.3088
15	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.5983	1.7341
16	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.4644	1.0201
17	2025	ALT3	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.5752	1.7231
18	2025	ALT3	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.1074	1.4007
19	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.5285	1.0399
20	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.6105	2.1980
21	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0338	0.2371
22	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.4973	0.8101
23	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.5439	0.8169
24	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0072	0.6981
25	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0087	0.4670
26	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	16.6877	3.8971
27	2025	ALT3	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.6777	2.9715
28	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.1366	1.6758
29	2025	ALT3	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.7191	1.1149
30	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.8773	1.8538
31	2025	ALT3	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.8340	1.3791
32	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.5500	1.5378
33	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.0754	1.4309
34	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.8641	1.6049
35	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.6797	0.8676
36	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.3713	1.0296
37	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.8876	1.3867
38	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.6594	2.0330
39	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.8700	2.0925
40	2025	ALT3	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.8851	1.3902
41	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2361	0.5292
42	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.9772	1.6466
43	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9203	0.6921
44	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.3212	1.0214
45	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.9552	0.4629
46	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.4043	1.2779
47	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.2987	0.0708
48	2025	ALT3	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.0939	1.4469
49	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.5052	0.1198
50	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.2481	1.9509
51	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.4647	0.3474
52	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.1688	0.5160
53	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6783	0.3976
54	2025	ALT3	EB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.1925	2.1707
55	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.3047	1.0205
56	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.5678	1.3137
57	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9390	0.6952
58	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.0913	2.3799
59	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.5322	0.6000
60	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.6083	2.5082
61	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.4468	0.5842

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
62	2025	ALT3	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.9949	1.1935
63	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.9418	0.4600
64	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.2055	1.4648
65	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0201	0.4787
66	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.7496	0.1736
67	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.7157	1.3106
68	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0946	0.9424
69	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.9901	2.2790
70	2025	ALT3	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.8388	1.3383
71	2025	ALT3	EB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.2112	1.8812
72	2025	ALT3	EB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.7227	1.7820
73	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1898	0.0482
74	2025	ALT3	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1390	0.0340
75	2025	ALT3	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1853	0.0470
76	2025	ALT3	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2406	0.0618
77	2025	ALT3	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2183	0.0563
78	2025	ALT3	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1757	0.0461
79	2025	ALT3	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2375	0.0643
80	2025	ALT3	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3780	0.0956
81	2025	ALT3	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.6963	0.1665
82	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3383	0.0847
83	2025	ALT3	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1781	0.0405
84	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1756	0.0426
85	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4483	0.1022
86	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.6174	0.1455
87	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1357	0.0321
88	2025	ALT3	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2805	0.0641
89	2025	ALT3	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0831	0.0207
90	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1984	0.0441
91	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4100	0.0964
92	2025	ALT3	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2965	0.0746
93	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	6.6322	1.4098
94	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	1.6259	0.3805
95	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2888	0.0688
96	2025	ALT3	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.5119	0.1205
97	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2680	0.0565
98	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2590	0.0583
99	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.5328	0.1188
100	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.5123	0.1185
101	2025	ALT3	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2982	0.0674
102	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1838	0.0425
103	2025	ALT3	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1140	0.0272
104	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2208	0.0547
105	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2866	0.0696
106	2025	ALT3	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0378	0.0105
107	2025	ALT3	EB	MD														
108	2025	ALT3	EB	MD														
109	2025	ALT3	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3225	0.0756
110	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4336	0.1075
111	2025	ALT3	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1327	0.0307
112	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3405	0.0849
113	2025	ALT3	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2121	0.0514
114	2025	ALT3	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2595	0.0682
115	2025	ALT3	EB	MD														
116	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1416	0.0350
117	2025	ALT3	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1862	0.0438
118	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1363	0.0348
119	2025	ALT3	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2450	0.0588
120	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1119	0.0283
121	2025	ALT3	EB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4346	0.1000
122	2025	ALT3	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	4.4332	1.0286
123	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	2.8304	0.6573
124	2025	ALT3	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1364	0.0369
125	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2418	0.0581
126	2025	ALT3	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1048	0.0267
127	2025	ALT3	EB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.3739	0.0986

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
128	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0395	0.0104
129	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4442	0.1074
130	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2576	0.0626
131	2025	ALT3	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.5991	0.1415
132	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1710	0.0419
133	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5696	0.1403
134	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.5906	0.3770
135	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5138	0.1242
136	2025	ALT3	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0636	0.0167
137	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	5.4690	1.1414
138	2025	ALT3	EB	MD	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1562	0.0454
139	2025	ALT3	EB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1669	0.0423
140	2025	ALT3	EB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3826	0.0993
141	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0608	0.0151
142	2025	ALT3	EB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2687	0.0667
143	2025	ALT3	EB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1840	0.0458
144	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5976	0.1732
145	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.5777	0.4571
146	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0681	0.0197
147	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.3342	0.3866
148	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4851	0.1406
149	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7998	0.2317
150	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0992	0.3185
151	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.4840	0.4300
152	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.1772	0.3411
153	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3446	0.0998
154	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6591	0.1910
155	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4897	0.1419
156	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3854	0.1117
157	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6780	0.1965
158	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7814	0.2264
159	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4471	0.1295
160	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.8333	0.2414
161	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4329	0.1254
162	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3107	0.0900
163	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7352	0.2130
164	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0736	0.0213
165	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3443	0.0998
166	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4252	0.1232
167	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3004	0.0870
168	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1952	0.0565
169	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.7740	0.5140
170	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.2818	0.3714
171	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6535	0.1894
172	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3824	0.1108
173	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6794	0.1969
174	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4808	0.1393
175	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5747	0.1665
176	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5027	0.1456
177	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6838	0.1981
178	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3318	0.0961
179	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4283	0.1241
180	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5769	0.1671
181	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.9810	0.2842
182	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.9194	0.2664
183	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6667	0.1932
184	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2306	0.0668
185	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7625	0.2209
186	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3011	0.0873
187	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4762	0.1380
188	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2075	0.0601
189	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6118	0.1773
190	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0324	0.0094
191	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7341	0.2127
192	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0587	0.0170
193	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.1415	0.3307

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
194	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1328	0.0385
195	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1569	0.0455
196	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1317	0.0382
197	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7653	0.2217
198	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3424	0.0992
199	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5432	0.1574
200	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2797	0.0810
201	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0625	0.3078
202	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2467	0.0715
203	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.1312	0.3278
204	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1038	0.0301
205	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2312	0.0670
206	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1043	0.0302
207	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3798	0.1101
208	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1172	0.0339
209	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0299	0.0087
210	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2757	0.0799
211	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1902	0.0551
212	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5092	0.1475
213	2025	ALT3	EB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2930	0.0849
214	2025	ALT3	EB	MD														
215	2025	ALT3	EB	MD														
1	2025	ALT3	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.8648	0.8917
2	2025	ALT3	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	9.7949	2.2522
3	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	0.4519	0.1046
4	2025	ALT3	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	8.4094	1.9302
5	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.2636	0.7552
6	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.0468	1.1595
7	2025	ALT3	EB	PM	0.047875337	0.115640182	0.062529394	1.018384415	0.020082203	0.061575653	0.009379409	0.152757662	0.11040473	1.134024597	0.029461612	0.214333316	7.5656	1.7356
8	2025	ALT3	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	9.6117	2.1890
9	2025	ALT3	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	7.9806	1.8217
10	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	2.4655	0.5621
11	2025	ALT3	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	4.9719	1.1345
12	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.5129	0.8048
13	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.0207	0.7022
14	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.9324	1.1410
15	2025	ALT3	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	6.3451	1.4623
16	2025	ALT3	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.7396	0.8629
17	2025	ALT3	EB	PM	0.047875337	0.115640182	0.062529394	1.018384415	0.020082203	0.061575653	0.009379409	0.152757662	0.11040473	1.134024597	0.029461612	0.214333316	6.3910	1.4742
18	2025	ALT3	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	5.1537	1.1967
19	2025	ALT3	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.8823	0.9048
20	2025	ALT3	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	8.4842	1.9768
21	2025	ALT3	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	0.8980	0.2101
22	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.2688	0.7740
23	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.4553	0.8112
24	2025	ALT3	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	2.8563	0.6735
25	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.9016	0.4506
26	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	16.1343	3.8346
27	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	12.2131	2.9208
28	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.3701	1.7672
29	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.8006	1.1549
30	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	7.9831	1.9065
31	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.9111	1.4211
32	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.5712	1.5727
33	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.0303	1.4464
34	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.0616	1.6814
35	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.6910	0.8840
36	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.5052	1.0811
37	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.0680	1.4561
38	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.1667	2.1869
39	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.2008	2.2021
40	2025	ALT3	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.0557	1.4472
41	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.2681	0.5436
42	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.1194	1.7006
43	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	2.9163	0.6947
44	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.3733	1.0445

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
45	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.9907	0.4767
46	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.6197	1.3442
47	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.3124	0.0750
48	2025	ALT3	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.3579	1.5223
49	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.5282	0.1265
50	2025	ALT3	EB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.2155	1.9556
51	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.3252	0.3186
52	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.8330	0.4416
53	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.4405	0.3442
54	2025	ALT3	EB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	7.9125	1.8871
55	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.7017	0.8881
56	2025	ALT3	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	4.9565	1.1826
57	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.6475	0.6386
58	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	9.3500	2.2504
59	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.3764	0.5753
60	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	10.2102	2.4594
61	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	2.3578	0.5727
62	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.9324	1.2017
63	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.8874	0.4556
64	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.2792	1.5118
65	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.0547	0.4969
66	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	0.6889	0.1636
67	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.3623	1.2655
68	2025	ALT3	EB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.7983	0.8955
69	2025	ALT3	EB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	9.4827	2.2287
70	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.5314	1.3092
71	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.0981	1.9269
72	2025	ALT3	EB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.6661	1.8306
73	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1298	0.0349
74	2025	ALT3	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1450	0.0375
75	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1109	0.0290
76	2025	ALT3	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2081	0.0551
77	2025	ALT3	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1584	0.0443
78	2025	ALT3	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1513	0.0387
79	2025	ALT3	EB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1624	0.0490
80	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2779	0.0716
81	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5364	0.1357
82	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2096	0.0532
83	2025	ALT3	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0862	0.0194
84	2025	ALT3	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1794	0.0445
85	2025	ALT3	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3614	0.0866
86	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.4494	0.1142
87	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1301	0.0339
88	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2222	0.0526
89	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0702	0.0182
90	2025	ALT3	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2600	0.0692
91	2025	ALT3	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2594	0.0588
92	2025	ALT3	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2001	0.0540
93	2025	ALT3	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	4.6770	1.0650
94	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	1.2174	0.2997
95	2025	ALT3	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2475	0.0666
96	2025	ALT3	EB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4050	0.0976
97	2025	ALT3	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1969	0.0435
98	2025	ALT3	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2284	0.0545
99	2025	ALT3	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3808	0.0907
100	2025	ALT3	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.4661	0.1134
101	2025	ALT3	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3183	0.0768
102	2025	ALT3	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1827	0.0441
103	2025	ALT3	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1358	0.0338
104	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1803	0.0453
105	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2362	0.0613
106	2025	ALT3	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0287	0.0081
107	2025	ALT3	EB	PM														
108	2025	ALT3	EB	PM														
109	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2758	0.0696
110	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3506	0.0880

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
111	2025	ALT3	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1486	0.0357
112	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2968	0.0782
113	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1946	0.0500
114	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1733	0.0459
115	2025	ALT3	EB	PM														
116	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1687	0.0445
117	2025	ALT3	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1287	0.0310
118	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1617	0.0421
119	2025	ALT3	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1677	0.0418
120	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1219	0.0313
121	2025	ALT3	EB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.5667	0.1353
122	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	3.2604	0.8097
123	2025	ALT3	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.7262	0.4070
124	2025	ALT3	EB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.0947	0.0278
125	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1971	0.0460
126	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0875	0.0234
127	2025	ALT3	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2364	0.0642
128	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0491	0.0135
129	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2961	0.0759
130	2025	ALT3	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2806	0.0714
131	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4021	0.0973
132	2025	ALT3	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2199	0.0564
133	2025	ALT3	EB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4047	0.1009
134	2025	ALT3	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.7344	0.4339
135	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3563	0.0914
136	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0707	0.0192
137	2025	ALT3	EB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	3.8740	0.8579
138	2025	ALT3	EB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1124	0.0332
139	2025	ALT3	EB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1150	0.0308
140	2025	ALT3	EB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.2899	0.0880
141	2025	ALT3	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0458	0.0116
142	2025	ALT3	EB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2781	0.0789
143	2025	ALT3	EB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2219	0.0561
144	2025	ALT3	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.6730	0.1944
145	2025	ALT3	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	1.7766	0.5133
146	2025	ALT3	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.0767	0.0222
147	2025	ALT3	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	1.5023	0.4341
148	2025	ALT3	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5463	0.1578
149	2025	ALT3	EB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.9006	0.2602
150	2025	ALT3	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	1.3046	0.3782
151	2025	ALT3	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	1.7614	0.5106
152	2025	ALT3	EB	PM	0.047629123	0.117097765	0.043235568	0.704155699	0.019853838	0.062916436	0.006485335	0.105623355	0.090864691	0.821253464	0.026339174	0.168539791	1.3972	0.4050
153	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4363	0.1259
154	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.8346	0.2409
155	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6201	0.1790
156	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4880	0.1408
157	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.8586	0.2478
158	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.9895	0.2856
159	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.5661	0.1634
160	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.0551	0.3045
161	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6270	0.1810
162	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4500	0.1299
163	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.0649	0.3074
164	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.1067	0.0308
165	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4987	0.1439
166	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6159	0.1778
167	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4351	0.1256
168	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.2827	0.0816
169	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	2.5695	0.7416
170	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.8565	0.5359
171	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9344	0.2700
172	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.5468	0.1580
173	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9715	0.2806
174	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.6874	0.1986
175	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.8218	0.2374
176	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.7187	0.2076

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
177	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9778	0.2825
178	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.4745	0.1371
179	2025	ALT3	EB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5005	0.1450
180	2025	ALT3	EB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6742	0.1953
181	2025	ALT3	EB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.1464	0.3322
182	2025	ALT3	EB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0744	0.3113
183	2025	ALT3	EB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7792	0.2258
184	2025	ALT3	EB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2695	0.0781
185	2025	ALT3	EB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.8911	0.2582
186	2025	ALT3	EB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3519	0.1020
187	2025	ALT3	EB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5565	0.1613
188	2025	ALT3	EB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2426	0.0703
189	2025	ALT3	EB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7150	0.2072
190	2025	ALT3	EB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0379	0.0110
191	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9570	0.2765
192	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0765	0.0221
193	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	1.4881	0.4299
194	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1732	0.0500
195	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2046	0.0591
196	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1717	0.0496
197	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9976	0.2882
198	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.4463	0.1289
199	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.6407	0.1851
200	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3299	0.0953
201	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	1.2532	0.3620
202	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2910	0.0841
203	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	1.3342	0.3854
204	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1674	0.0484
205	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3730	0.1078
206	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1683	0.0486
207	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.6128	0.1770
208	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1890	0.0546
209	2025	ALT3	EB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0482	0.0139
210	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4459	0.1287
211	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.3076	0.0888
212	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.8234	0.2377
213	2025	ALT3	EB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4738	0.1368
214	2025	ALT3	EB	PM														
215	2025	ALT3	EB	PM														
1	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.6929	1.2262
2	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	14.6733	3.1502
3	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.6474	0.1393
4	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.1460	2.5991
5	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.5869	0.9867
6	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.2466	1.5496
7	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.5633	2.2713
8	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	13.2728	2.8232
9	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.8558	2.3193
10	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.4639	0.7357
11	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.8570	1.4645
12	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.8425	1.0321
13	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.9429	0.8449
14	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.5349	1.3922
15	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.3083	1.7837
16	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.8389	1.0409
17	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.4634	1.8157
18	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.5643	1.4154
19	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.8408	1.0443
20	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.7184	2.3076
21	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.1383	0.2459
22	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.3841	0.7432
23	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.5644	0.7782
24	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.8458	0.6269
25	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.8839	0.4156
26	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	16.0563	3.5547
27	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	11.9050	2.6366

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
28	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.6488	1.4678
29	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.2877	0.9519
30	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.4077	1.6445
31	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.3948	1.1990
32	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.1504	1.3598
33	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.5928	1.2411
34	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.6294	1.4547
35	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.4251	0.7583
36	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.1479	0.9203
37	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.5867	1.2396
38	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.4231	1.8552
39	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.3120	1.8412
40	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.6790	1.2539
41	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.1007	0.4667
42	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.6224	1.4639
43	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.7039	0.6002
44	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.1090	0.9089
45	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.8141	0.4020
46	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.0382	1.1128
47	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.2731	0.0605
48	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.6580	1.2483
49	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.4616	0.1021
50	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.2373	1.8155
51	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.3452	0.3004
52	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.9480	0.4379
53	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.4778	0.3310
54	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.5452	1.9141
55	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.9505	0.8875
56	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.0385	1.1211
57	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.6411	0.5894
58	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.4438	2.0996
59	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.3349	0.5228
60	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.0970	2.2576
61	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.2264	0.5021
62	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.5994	1.0333
63	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.8964	0.4231
64	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.3241	1.4027
65	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.0260	0.4517
66	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.6222	0.1385
67	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.8541	1.0718
68	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.4532	0.7658
69	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.4853	1.8597
70	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.9523	1.0881
71	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.0122	1.5440
72	2025	ALT3	EB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.5189	1.4411
73	2025	ALT3	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1098	0.0261
74	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0699	0.0163
75	2025	ALT3	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1357	0.0318
76	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1706	0.0412
77	2025	ALT3	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1857	0.0447
78	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1252	0.0298
79	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2494	0.0609
80	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2487	0.0600
81	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4376	0.1015
82	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1837	0.0452
83	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1165	0.0246
84	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0946	0.0225
85	2025	ALT3	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3813	0.0849
86	2025	ALT3	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.5037	0.1119
87	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0990	0.0233
88	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2102	0.0447
89	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0584	0.0137
90	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1799	0.0382
91	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2722	0.0573
92	2025	ALT3	EB	NT	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2655	0.0605
93	2025	ALT3	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	9.6642	1.9044

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
94	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.2824	0.2771
95	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1863	0.0419
96	2025	ALT3	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3271	0.0745
97	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1831	0.0360
98	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1304	0.0279
99	2025	ALT3	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.4678	0.1009
100	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3793	0.0848
101	2025	ALT3	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1270	0.0266
102	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1117	0.0246
103	2025	ALT3	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0819	0.0193
104	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1361	0.0326
105	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1985	0.0454
106	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0219	0.0055
107	2025	ALT3	EB	NT														
108	2025	ALT3	EB	NT														
109	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2563	0.0575
110	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2401	0.0584
111	2025	ALT3	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0837	0.0185
112	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2287	0.0546
113	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1639	0.0386
114	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1375	0.0341
115	2025	ALT3	EB	NT														
116	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0458	0.0116
117	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1602	0.0357
118	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0675	0.0167
119	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1647	0.0380
120	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0560	0.0138
121	2025	ALT3	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2052	0.0447
122	2025	ALT3	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	3.3862	0.7411
123	2025	ALT3	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	2.3203	0.5094
124	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1470	0.0334
125	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0173	0.0037
126	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0697	0.0169
127	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3500	0.0817
128	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0256	0.0067
129	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2419	0.0548
130	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1934	0.0463
131	2025	ALT3	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3634	0.0790
132	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1205	0.0291
133	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4408	0.0997
134	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.9204	0.2132
135	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3424	0.0778
136	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0446	0.0112
137	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	2.4587	0.5151
138	2025	ALT3	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1028	0.0242
139	2025	ALT3	EB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1149	0.0289
140	2025	ALT3	EB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2930	0.0719
141	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0501	0.0125
142	2025	ALT3	EB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1476	0.0359
143	2025	ALT3	EB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1086	0.0271
144	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2839	0.0827
145	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.7495	0.2184
146	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0323	0.0094
147	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.6338	0.1847
148	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2305	0.0672
149	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3799	0.1107
150	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4817	0.1404
151	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.6504	0.1896
152	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.5159	0.1504
153	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1478	0.0431
154	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2827	0.0824
155	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2101	0.0612
156	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1653	0.0482
157	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2908	0.0848
158	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3352	0.0977
159	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1918	0.0559

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
160	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3574	0.1042
161	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2038	0.0594
162	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1463	0.0426
163	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3462	0.1009
164	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0347	0.0101
165	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1621	0.0472
166	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2002	0.0584
167	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1414	0.0412
168	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0919	0.0268
169	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.8354	0.2435
170	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.6036	0.1759
171	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3419	0.0996
172	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2001	0.0583
173	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3554	0.1036
174	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2515	0.0733
175	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3007	0.0876
176	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2630	0.0766
177	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3578	0.1043
178	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1736	0.0506
179	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1713	0.0499
180	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2308	0.0673
181	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3924	0.1144
182	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3678	0.1072
183	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2667	0.0777
184	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0923	0.0269
185	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3050	0.0889
186	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1205	0.0351
187	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1905	0.0555
188	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0830	0.0242
189	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2448	0.0713
190	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0130	0.0038
191	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2980	0.0868
192	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0238	0.0069
193	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4634	0.1350
194	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0539	0.0157
195	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0637	0.0186
196	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0535	0.0156
197	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3107	0.0905
198	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1390	0.0405
199	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2875	0.0838
200	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1480	0.0431
201	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.5623	0.1639
202	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1306	0.0381
203	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.5987	0.1745
204	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0690	0.0201
205	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1538	0.0448
206	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0694	0.0202
207	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2527	0.0736
208	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0779	0.0227
209	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0199	0.0058
210	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1635	0.0476
211	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1128	0.0329
212	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3019	0.0880
213	2025	ALT3	EB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1737	0.0506
214	2025	ALT3	EB	NT														
215	2025	ALT3	EB	NT														
216	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.7855	0.8951
217	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.0408	1.6670
218	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.4989	1.0633
219	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.6517	1.5605
220	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.6009	0.8502
221	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.2850	0.7730
222	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.6356	0.8641
223	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.7398	0.4122
224	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.0928	0.5040
225	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.3330	0.3203

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
226	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.8254	1.3994
227	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2152	0.5371
228	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.1703	0.2847
229	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.4071	1.7811
230	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.7359	0.4183
231	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.8659	0.4463
232	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.8892	0.4544
233	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.5992	1.5686
234	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.0192	0.2441
235	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.0970	0.9718
236	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.5396	0.6052
237	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.8289	0.8933
238	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.2081	0.2829
239	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.0806	0.2535
240	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.2858	0.3049
241	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.8172	1.1374
242	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.3463	0.0825
243	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.4253	1.0507
244	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.6496	0.1541
245	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1234	0.9765
246	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	3.1322	0.7434
247	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.2798	1.0143
248	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.2894	0.3068
249	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1623	0.9853
250	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.7222	1.5987
251	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.3162	1.2566
252	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.2563	1.0145
253	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0482	0.7266
254	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.9048	0.6915
255	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.1772	1.2229
256	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.1764	0.7558
257	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.1856	0.9914
258	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.6807	0.8796
259	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.3721	1.2797
260	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.6338	0.8702
261	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.6153	1.0990
262	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.6030	2.7592
263	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.8860	1.3944
264	2025	ALT3	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	2.4314	0.5697
265	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.2918	0.3051
266	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.6735	1.0921
267	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	1.4604	0.3401
268	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	0.2567	0.0598
269	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.7300	1.5593
270	2025	ALT3	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.0510	0.7023
271	2025	ALT3	WB	AM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	4.6877	1.0709
272	2025	ALT3	WB	AM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.3410	0.7589
273	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.2569	0.7454
274	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.7576	0.8573
275	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.4680	1.4750
276	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.6644	0.3806
277	2025	ALT3	WB	AM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.7934	0.8638
278	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	2.0793	0.4724
279	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.0455	0.9138
280	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.1301	0.9354
281	2025	ALT3	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.0327	0.6845
282	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.3922	0.9883
283	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.1343	0.9354
284	2025	ALT3	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	5.0873	1.1518
285	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.6567	0.8300
286	2025	ALT3	WB	AM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.2003	0.7265
287	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.7527	1.3069
288	2025	ALT3	WB	AM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.5814	0.1338
289	2025	ALT3	WB	AM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	6.1431	1.3990
290	2025	ALT3	WB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2460	0.0620
291	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1823	0.0468

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
292	2025	ALT3	WB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0393	0.0099
293	2025	ALT3	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1482	0.0420
294	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1047	0.0272
295	2025	ALT3	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1227	0.0340
296	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0710	0.0186
297	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	2.1675	0.4810
298	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0158	0.0041
299	2025	ALT3	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0805	0.0204
300	2025	ALT3	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.1407	0.2877
301	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1504	0.0375
302	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0649	0.0171
303	2025	ALT3	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0531	0.0124
304	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0822	0.0221
305	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1035	0.0253
306	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0988	0.0272
307	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0572	0.0148
308	2025	ALT3	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1436	0.0402
309	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0572	0.0136
310	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.6964	0.1718
311	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1200	0.0306
312	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0781	0.0196
313	2025	ALT3	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4865	0.1188
314	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0820	0.0209
315	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1357	0.0337
316	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0784	0.0205
317	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0817	0.0201
318	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0948	0.0246
319	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1641	0.0416
320	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0648	0.0166
321	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1434	0.0381
322	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0624	0.0165
323	2025	ALT3	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2855	0.0684
324	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0811	0.0200
325	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3707	0.0969
326	2025	ALT3	WB	AM														
327	2025	ALT3	WB	AM														
328	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0667	0.0170
329	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1746	0.0444
330	2025	ALT3	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0452	0.0110
331	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3399	0.0841
332	2025	ALT3	WB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0886	0.0212
333	2025	ALT3	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2609	0.0631
334	2025	ALT3	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1170	0.0282
335	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.4043	0.0966
336	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2673	0.0644
337	2025	ALT3	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1498	0.0334
338	2025	ALT3	WB	AM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1367	0.0296
339	2025	ALT3	WB	AM	0.047629123	0.117097765	0.071945858	1.171745577	0.019853838	0.062916436	0.010791879	0.175761837	0.119574981	1.288843342	0.030645717	0.238678273	0.4531	0.1091
340	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	1.9322	0.4444
341	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	1.6214	0.3758
342	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1868	0.0469
343	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1286	0.0287
344	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1581	0.0390
345	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0601	0.0140
346	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.0696	0.0169
347	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0676	0.0173
348	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.8121	0.1971
349	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1095	0.0256
350	2025	ALT3	WB	AM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1361	0.0334
351	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0784	0.0171
352	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0497	0.0125
353	2025	ALT3	WB	AM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1440	0.0358
354	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3260	0.0836
355	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0945	0.0237
356	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1310	0.0347
357	2025	ALT3	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2321	0.0649

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
358	2025	ALT3	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1348	0.0338
359	2025	ALT3	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1293	0.0363
360	2025	ALT3	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1153	0.0300
361	2025	ALT3	WB	AM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0787	0.0216
362	2025	ALT3	WB	AM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1322	0.0321
363	2025	ALT3	WB	AM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1461	0.0391
364	2025	ALT3	WB	AM														
365	2025	ALT3	WB	AM														
366	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2382	0.0688
367	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.4626	0.1337
368	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2951	0.0853
369	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.4436	0.1282
370	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2253	0.0651
371	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2136	0.0617
372	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2225	0.0643
373	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1024	0.0296
374	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1583	0.0457
375	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1036	0.0299
376	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.4649	0.1343
377	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2768	0.0800
378	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1290	0.0373
379	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.8728	0.2529
380	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1949	0.0565
381	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2253	0.0653
382	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2093	0.0607
383	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7671	0.2223
384	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1129	0.0327
385	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4818	0.1396
386	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2853	0.0827
387	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7114	0.2061
388	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2119	0.0614
389	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1852	0.0537
390	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1298	0.0376
391	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5088	0.1474
392	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0325	0.0094
393	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4340	0.1257
394	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.0617	0.0179
395	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4092	0.1186
396	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2919	0.0846
397	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4166	0.1207
398	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1193	0.0346
399	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4134	0.1198
400	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5973	0.1731
401	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5646	0.1636
402	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4072	0.1180
403	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2916	0.0845
404	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2811	0.0814
405	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.5362	0.1554
406	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3029	0.0878
407	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4189	0.1214
408	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3250	0.0942
409	2025	ALT3	WB	AM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4901	0.1420
410	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.4838	0.1398
411	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.6752	0.1951
412	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	1.5553	0.4493
413	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.8330	0.2406
414	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3193	0.0922
415	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1632	0.0472
416	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.6959	0.2010
417	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.1631	0.0471
418	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.0253	0.0073
419	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.7119	0.2057
420	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.3849	0.1112
421	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.6340	0.1832
422	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.4451	0.1286
423	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.4214	0.1217

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
424	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.5003	0.1445
425	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9645	0.2787
426	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2359	0.0681
427	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.5575	0.1610
428	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.2934	0.0848
429	2025	ALT3	WB	AM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.5610	0.1621
430	2025	ALT3	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6894	0.1990
431	2025	ALT3	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.4597	0.1327
432	2025	ALT3	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.7069	0.2040
433	2025	ALT3	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.6596	0.1904
434	2025	ALT3	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.7768	0.2242
435	2025	ALT3	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.5996	0.1731
436	2025	ALT3	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.5040	0.1455
437	2025	ALT3	WB	AM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	0.9670	0.2791
216	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.2572	1.4297
217	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.8071	2.6880
218	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.5876	1.7237
219	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.2364	2.5477
220	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.1452	1.4049
221	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.6173	1.2794
222	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.2675	1.4384
223	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0065	0.6915
224	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.3442	0.7795
225	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.1296	0.4950
226	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.3471	2.1680
227	2025	ALT3	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.4504	0.8094
228	2025	ALT3	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.9003	0.4493
229	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	12.4420	2.9062
230	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.0070	0.7042
231	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.2779	0.7641
232	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.3385	0.7812
233	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	11.8465	2.7577
234	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.8667	0.4374
235	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.5614	1.7629
236	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.7870	1.1200
237	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.9997	1.6141
238	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2403	0.5190
239	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.9963	0.4631
240	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.4304	0.5701
241	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.0958	2.1245
242	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.6215	0.1456
243	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.8926	1.8401
244	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.1638	0.2717
245	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.3826	1.7178
246	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.5593	1.2977
247	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.4812	1.7371
248	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2488	0.5239
249	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.2024	1.6686
250	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	11.6309	2.7061
251	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.0162	2.0831
252	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.1671	1.6634
253	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.1328	1.1913
254	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.9829	1.1576
255	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.8182	2.0333
256	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.4398	1.2621
257	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.1105	1.6431
258	2025	ALT3	WB	MD	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.1414	1.4316
259	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.9489	2.0768
260	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.0670	1.4116
261	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.7738	1.8037
262	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	19.9118	4.5932
263	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.0657	2.3174
264	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.3229	0.9935
265	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.3085	0.5305
266	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.2089	1.8685
267	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.5596	0.5860

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
268	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.4618	0.1057
269	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	12.2156	2.7833
270	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.6469	1.2892
271	2025	ALT3	WB	MD	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	8.8324	1.9965
272	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.2110	1.4009
273	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.1023	1.3794
274	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.0591	1.5924
275	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	12.1373	2.7210
276	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.1729	0.7139
277	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.1715	1.6051
278	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.0246	0.9019
279	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.8422	1.7588
280	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.8932	1.7578
281	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.8716	1.3163
282	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.6347	1.9259
283	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	8.0310	1.7970
284	2025	ALT3	WB	MD	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	9.8554	2.1971
285	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.1963	1.6106
286	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.3115	1.4184
287	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	11.4688	2.5617
288	2025	ALT3	WB	MD	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.1633	0.2616
289	2025	ALT3	WB	MD	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	12.4256	2.7841
290	2025	ALT3	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2619	0.0649
291	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2450	0.0611
292	2025	ALT3	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0684	0.0169
293	2025	ALT3	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2895	0.0791
294	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1683	0.0417
295	2025	ALT3	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2461	0.0679
296	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1240	0.0307
297	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	4.7054	1.0028
298	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0255	0.0065
299	2025	ALT3	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1047	0.0258
300	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.3827	0.3371
301	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3187	0.0780
302	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0633	0.0156
303	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1509	0.0355
304	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1148	0.0284
305	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2168	0.0516
306	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1210	0.0316
307	2025	ALT3	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1546	0.0419
308	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2277	0.0566
309	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1612	0.0395
310	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.3608	0.3128
311	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2755	0.0696
312	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1214	0.0294
313	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.0399	0.2494
314	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1587	0.0401
315	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2652	0.0649
316	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1599	0.0414
317	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1635	0.0396
318	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1688	0.0418
319	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2497	0.0615
320	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1517	0.0387
321	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2394	0.0614
322	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1191	0.0297
323	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4948	0.1151
324	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1777	0.0434
325	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5816	0.1401
326	2025	ALT3	WB	MD														
327	2025	ALT3	WB	MD														
328	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1271	0.0319
329	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3206	0.0792
330	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0913	0.0219
331	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4864	0.1144
332	2025	ALT3	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1535	0.0353
333	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4532	0.1047

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
334	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1797	0.0415
335	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.6964	0.1552
336	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.4926	0.1130
337	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3833	0.0852
338	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2977	0.0623
339	2025	ALT3	WB	MD	0.047497218	0.119814445	0.071945858	1.171745577	0.019731454	0.065415655	0.010791879	0.175761837	0.119443076	1.291560023	0.030523332	0.241177492	0.8912	0.2050
340	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	3.3267	0.7429
341	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	3.4817	0.7839
342	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2898	0.0685
343	2025	ALT3	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.3177	0.0788
344	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2113	0.0490
345	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1308	0.0295
346	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1774	0.0434
347	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1145	0.0273
348	2025	ALT3	WB	MD	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.5031	0.3478
349	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2714	0.0625
350	2025	ALT3	WB	MD	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3181	0.0770
351	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2355	0.0540
352	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0934	0.0234
353	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3450	0.0850
354	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.6814	0.1645
355	2025	ALT3	WB	MD	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1988	0.0491
356	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1853	0.0470
357	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.4260	0.1097
358	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2067	0.0513
359	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2436	0.0624
360	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1825	0.0470
361	2025	ALT3	WB	MD	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1745	0.0461
362	2025	ALT3	WB	MD	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2145	0.0497
363	2025	ALT3	WB	MD	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.3028	0.0789
364	2025	ALT3	WB	MD														
365	2025	ALT3	WB	MD														
366	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3225	0.0934
367	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3225	0.0934
368	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3225	0.0934
369	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.3225	0.0934
370	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2429	0.0704
371	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2429	0.0704
372	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2429	0.0704
373	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2429	0.0704
374	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2429	0.0704
375	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2429	0.0704
376	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2429	0.0704
377	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0975	0.3180
378	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0975	0.3180
379	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6558	0.1900
380	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6558	0.1900
381	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6558	0.1900
382	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6558	0.1900
383	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6558	0.1900
384	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6558	0.1900
385	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6558	0.1900
386	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6558	0.1900
387	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6558	0.1900
388	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6558	0.1900
389	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6558	0.1900
390	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7837	0.2271
391	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7837	0.2271
392	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7837	0.2271
393	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7837	0.2271
394	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7837	0.2271
395	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7837	0.2271
396	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7837	0.2271
397	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7837	0.2271
398	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7837	0.2271
399	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7837	0.2271

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
400	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7837	0.2271
401	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4114	0.1192
402	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4114	0.1192
403	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4114	0.1192
404	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4114	0.1192
405	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4114	0.1192
406	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4114	0.1192
407	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4114	0.1192
408	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4114	0.1192
409	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4114	0.1192
410	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0434	0.3023
411	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0434	0.3023
412	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0434	0.3023
413	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0434	0.3023
414	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0434	0.3023
415	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0434	0.3023
416	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0434	0.3023
417	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0434	0.3023
418	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0434	0.3023
419	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.0434	0.3023
420	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.4863	0.4306
421	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.4863	0.4306
422	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.4863	0.4306
423	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.4863	0.4306
424	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.4863	0.4306
425	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.4863	0.4306
426	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.4863	0.4306
427	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.4863	0.4306
428	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.4863	0.4306
429	2025	ALT3	WB	MD	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	1.4863	0.4306
430	2025	ALT3	WB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	1.1621	0.3357
431	2025	ALT3	WB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	1.1621	0.3357
432	2025	ALT3	WB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	1.1621	0.3357
433	2025	ALT3	WB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.6305	0.1822
434	2025	ALT3	WB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.6305	0.1822
435	2025	ALT3	WB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.6305	0.1822
436	2025	ALT3	WB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.6305	0.1822
437	2025	ALT3	WB	MD	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.6305	0.1822
216	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1851	0.9652
217	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.8771	1.8098
218	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.0731	1.1634
219	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.4977	1.7158
220	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1219	0.9512
221	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.7590	0.8642
222	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.2255	0.9802
223	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.0575	0.4791
224	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.2213	0.5223
225	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.4284	0.3353
226	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.3102	1.4797
227	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.3942	0.5665
228	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.3391	0.3200
229	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.6448	2.0465
230	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.1794	0.5197
231	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.3910	0.5683
232	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.4509	0.5847
233	2025	ALT3	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	8.7420	2.0660
234	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.3878	0.3318
235	2025	ALT3	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.6694	1.3456
236	2025	ALT3	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.6360	0.8656
237	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.4969	1.3018
238	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.7792	0.4238
239	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.5966	0.3801
240	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.9617	0.4718
241	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.3231	1.7549
242	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	0.5054	0.1218
243	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.4457	1.5446

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
244	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.9532	0.2288
245	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.0387	1.4446
246	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.5442	1.0900
247	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.1217	1.4621
248	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	1.8241	0.4374
249	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.8434	1.3941
250	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.3332	2.2356
251	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.0635	1.6758
252	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.5780	1.3303
253	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.9948	0.9527
254	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	3.8957	0.9303
255	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.8100	1.6111
256	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.1956	0.9989
257	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	5.3747	1.2702
258	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.6150	1.0977
259	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.6262	1.5723
260	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	4.4790	1.0649
261	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	5.6478	1.3375
262	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	14.4964	3.4227
263	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	7.3461	1.7332
264	2025	ALT3	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	3.1439	0.7366
265	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.6932	0.3990
266	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	6.0369	1.4094
267	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	1.7578	0.4142
268	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.3062	0.0723
269	2025	ALT3	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	8.1595	1.9150
270	2025	ALT3	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	3.7606	0.8811
271	2025	ALT3	WB	PM	0.047875337	0.115640182	0.062529394	1.018384415	0.020082203	0.061575653	0.009379409	0.152757662	0.11040473	1.134024597	0.029461612	0.214333316	5.8787	1.3781
272	2025	ALT3	WB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	4.0480	0.9368
273	2025	ALT3	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.0188	0.9373
274	2025	ALT3	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	4.6371	1.0792
275	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	7.9496	1.8546
276	2025	ALT3	WB	PM	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	2.1351	0.5025
277	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	4.7443	1.1085
278	2025	ALT3	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	2.6384	0.6130
279	2025	ALT3	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	5.1927	1.2038
280	2025	ALT3	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.1193	1.1816
281	2025	ALT3	WB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.7853	0.8740
282	2025	ALT3	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	5.4886	1.2660
283	2025	ALT3	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	5.1240	1.1808
284	2025	ALT3	WB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	6.3242	1.4624
285	2025	ALT3	WB	PM	0.047497218	0.119814445	0.062529394	1.018384415	0.019731454	0.065415655	0.009379409	0.152757662	0.110026612	1.13819886	0.029110863	0.218173317	4.4722	1.0341
286	2025	ALT3	WB	PM	0.047629123	0.117097765	0.062529394	1.018384415	0.019853838	0.062916436	0.009379409	0.152757662	0.110158516	1.13548218	0.029233247	0.215674098	3.9542	0.9177
287	2025	ALT3	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	7.0466	1.6386
288	2025	ALT3	WB	PM	0.047490258	0.128773212	0.062529394	1.018384415	0.019724788	0.073657596	0.009379409	0.152757662	0.110019652	1.147157627	0.029104197	0.226415258	0.7185	0.1689
289	2025	ALT3	WB	PM	0.047453189	0.123734385	0.062529394	1.018384415	0.019690534	0.069021922	0.009379409	0.152757662	0.109982583	1.1421188	0.029069943	0.221779584	7.4906	1.7434
290	2025	ALT3	WB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1901	0.0475
291	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1853	0.0466
292	2025	ALT3	WB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0518	0.0129
293	2025	ALT3	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2069	0.0569
294	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1200	0.0299
295	2025	ALT3	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1832	0.0517
296	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1148	0.0293
297	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	3.4570	0.7583
298	2025	ALT3	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0110	0.0027
299	2025	ALT3	WB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0497	0.0121
300	2025	ALT3	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.2162	0.2981
301	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2463	0.0637
302	2025	ALT3	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0383	0.0094
303	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1648	0.0416
304	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0744	0.0185
305	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2190	0.0551
306	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0684	0.0173
307	2025	ALT3	WB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1294	0.0393
308	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1377	0.0345
309	2025	ALT3	WB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.1537	0.0441

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
310	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	1.0091	0.2529
311	2025	ALT3	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2564	0.0708
312	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1353	0.0334
313	2025	ALT3	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.8764	0.2150
314	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1360	0.0354
315	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2223	0.0558
316	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1177	0.0308
317	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1460	0.0377
318	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1432	0.0372
319	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2015	0.0509
320	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1234	0.0331
321	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1573	0.0410
322	2025	ALT3	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.0994	0.0275
323	2025	ALT3	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3587	0.0865
324	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1754	0.0439
325	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4200	0.1035
326	2025	ALT3	WB	PM														
327	2025	ALT3	WB	PM														
328	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1140	0.0291
329	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2419	0.0605
330	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0940	0.0236
331	2025	ALT3	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3477	0.0836
332	2025	ALT3	WB	PM	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1689	0.0406
333	2025	ALT3	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3221	0.0759
334	2025	ALT3	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1559	0.0372
335	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.4892	0.1138
336	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3449	0.0803
337	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2772	0.0653
338	2025	ALT3	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2513	0.0566
339	2025	ALT3	WB	PM	0.047629123	0.117097765	0.071945858	1.171745577	0.019853838	0.062916436	0.010791879	0.175761837	0.119574981	1.288843342	0.030645717	0.238678273	0.6432	0.1525
340	2025	ALT3	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.7873	0.4234
341	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	1.7938	0.4297
342	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1646	0.0381
343	2025	ALT3	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.2073	0.0537
344	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1509	0.0354
345	2025	ALT3	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1025	0.0262
346	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1437	0.0366
347	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0832	0.0210
348	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	1.0303	0.2433
349	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2522	0.0638
350	2025	ALT3	WB	PM	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2908	0.0725
351	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1386	0.0336
352	2025	ALT3	WB	PM	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0963	0.0237
353	2025	ALT3	WB	PM	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.3104	0.0787
354	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.4244	0.1070
355	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1674	0.0443
356	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1375	0.0360
357	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2937	0.0779
358	2025	ALT3	WB	PM	0.05924485	0.13515321	0.071945858	1.171745577	0.03062742	0.079533326	0.010791879	0.175761837	0.131190708	1.306898787	0.041419299	0.255295162	0.2057	0.0551
359	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1527	0.0403
360	2025	ALT3	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1605	0.0419
361	2025	ALT3	WB	PM	0.054451	0.129992125	0.071945858	1.171745577	0.02618045	0.074783771	0.010791879	0.175761837	0.126396858	1.301737703	0.036972329	0.250545607	0.1143	0.0312
362	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2121	0.0541
363	2025	ALT3	WB	PM	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2156	0.0578
364	2025	ALT3	WB	PM														
365	2025	ALT3	WB	PM														
366	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2396	0.0694
367	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2396	0.0694
368	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2396	0.0694
369	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.2396	0.0694
370	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1803	0.0522
371	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1803	0.0522
372	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1803	0.0522
373	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1803	0.0522
374	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1803	0.0522
375	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1803	0.0522

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
376	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.1803	0.0522
377	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.9338	0.2706
378	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.9338	0.2706
379	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6874	0.1992
380	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6874	0.1992
381	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6874	0.1992
382	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6874	0.1992
383	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6874	0.1992
384	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6874	0.1992
385	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6874	0.1992
386	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6874	0.1992
387	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6874	0.1992
388	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6874	0.1992
389	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.6874	0.1992
390	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7860	0.2277
391	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7860	0.2277
392	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7860	0.2277
393	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7860	0.2277
394	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7860	0.2277
395	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7860	0.2277
396	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7860	0.2277
397	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7860	0.2277
398	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7860	0.2277
399	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7860	0.2277
400	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.7860	0.2277
401	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4054	0.1175
402	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4054	0.1175
403	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4054	0.1175
404	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4054	0.1175
405	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4054	0.1175
406	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4054	0.1175
407	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4054	0.1175
408	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4054	0.1175
409	2025	ALT3	WB	PM	0.047611986	0.128773212	0.043235568	0.704155699	0.019837519	0.073657596	0.006485335	0.105623355	0.090847555	0.832928911	0.026322854	0.179280951	0.4054	0.1175
410	2025	ALT3	WB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9070	0.2620
411	2025	ALT3	WB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9070	0.2620
412	2025	ALT3	WB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9070	0.2620
413	2025	ALT3	WB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9070	0.2620
414	2025	ALT3	WB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9070	0.2620
415	2025	ALT3	WB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9070	0.2620
416	2025	ALT3	WB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9070	0.2620
417	2025	ALT3	WB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9070	0.2620
418	2025	ALT3	WB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9070	0.2620
419	2025	ALT3	WB	PM	0.047490258	0.128773212	0.043235568	0.704155699	0.019724788	0.073657596	0.006485335	0.105623355	0.090725826	0.832928911	0.026210123	0.179280951	0.9070	0.2620
420	2025	ALT3	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.3444	0.3881
421	2025	ALT3	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.3444	0.3881
422	2025	ALT3	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.3444	0.3881
423	2025	ALT3	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.3444	0.3881
424	2025	ALT3	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.3444	0.3881
425	2025	ALT3	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.3444	0.3881
426	2025	ALT3	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.3444	0.3881
427	2025	ALT3	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.3444	0.3881
428	2025	ALT3	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.3444	0.3881
429	2025	ALT3	WB	PM	0.047453189	0.123734385	0.043235568	0.704155699	0.019690534	0.069021922	0.006485335	0.105623355	0.090688757	0.827890084	0.026175869	0.174645277	1.3444	0.3881
430	2025	ALT3	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	1.0622	0.3069
431	2025	ALT3	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	1.0622	0.3069
432	2025	ALT3	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	1.0622	0.3069
433	2025	ALT3	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5507	0.1591
434	2025	ALT3	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5507	0.1591
435	2025	ALT3	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5507	0.1591
436	2025	ALT3	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5507	0.1591
437	2025	ALT3	WB	PM	0.047497218	0.119814445	0.043235568	0.704155699	0.019731454	0.065415655	0.006485335	0.105623355	0.090732787	0.823970145	0.026216789	0.17103901	0.5507	0.1591
216	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.9522	1.0709
217	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.4504	2.0369
218	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.0491	1.3012
219	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.0138	1.9357

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
220	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.8894	1.0613
221	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.5050	0.9738
222	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.9513	1.0788
223	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.3234	0.5071
224	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.2916	0.7122
225	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.1327	0.4606
226	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.4696	2.0423
227	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.3018	0.7170
228	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.7772	0.3908
229	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.1107	2.6440
230	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.8592	0.6268
231	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.1870	0.6954
232	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.1974	0.7036
233	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	11.5414	2.5337
234	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.8050	0.3988
235	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.4528	1.6412
236	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.6079	1.0168
237	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.0028	1.7326
238	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.4894	0.5414
239	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.1927	0.4772
240	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.5245	0.5562
241	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.7041	2.1320
242	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.6312	0.1386
243	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.1444	1.7782
244	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.1965	0.2619
245	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.8397	1.7123
246	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.7638	1.2625
247	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.9347	1.7286
248	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.3500	0.5140
249	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.6960	1.6722
250	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	11.9755	2.6150
251	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.6732	2.0965
252	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.4534	1.6228
253	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.3379	1.1622
254	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.1528	1.1222
255	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.3582	2.0214
256	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.5711	1.2111
257	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.4383	1.6098
258	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.1911	1.3471
259	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.1075	1.9777
260	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.9963	1.3063
261	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.8835	1.7098
262	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	20.1004	4.3645
263	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	10.3384	2.2396
264	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.2860	0.9277
265	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.2458	0.4859
266	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.4109	1.8004
267	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	2.6658	0.5721
268	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	0.4799	0.1036
269	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	13.0934	2.8215
270	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	5.9973	1.2952
271	2025	ALT3	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	9.5454	2.0533
272	2025	ALT3	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.7985	1.4546
273	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	6.6429	1.4270
274	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.7052	1.6511
275	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	13.7233	2.9236
276	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	3.5119	0.7520
277	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.0565	1.7170
278	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	4.4148	0.9418
279	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.6181	1.8422
280	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	8.8814	1.8871
281	2025	ALT3	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.3942	1.3650
282	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	9.6260	2.0527
283	2025	ALT3	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	8.8769	1.8945
284	2025	ALT3	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	10.7602	2.3059
285	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	7.9675	1.7009

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
286	2025	ALT3	WB	NT	0.047611986	0.128773212	0.062529394	1.018384415	0.019837519	0.073657596	0.009379409	0.152757662	0.11014138	1.147157627	0.029216928	0.226415258	6.8186	1.4535
287	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	12.6486	2.6882
288	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	1.2612	0.2694
289	2025	ALT3	WB	NT	0.047853146	0.128773212	0.062529394	1.018384415	0.020060884	0.073657596	0.009379409	0.152757662	0.11038254	1.147157627	0.029440294	0.226415258	13.7267	2.9255
290	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1276	0.0314
291	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1193	0.0290
292	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0319	0.0078
293	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2001	0.0497
294	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1046	0.0250
295	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1511	0.0375
296	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0446	0.0104
297	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	1.0700	0.2452
298	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0095	0.0023
299	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0500	0.0118
300	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.6047	0.1455
301	2025	ALT3	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.2591	0.0596
302	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0273	0.0065
303	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1021	0.0229
304	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.0682	0.0161
305	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1374	0.0312
306	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0552	0.0136
307	2025	ALT3	WB	NT	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.1320	0.0327
308	2025	ALT3	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1414	0.0332
309	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1014	0.0229
310	2025	ALT3	WB	NT	0.047497218	0.119814445	0.071945858	1.171745577	0.019731454	0.065415655	0.010791879	0.175761837	0.119443076	1.291560023	0.030523332	0.241177492	0.9625	0.2105
311	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1856	0.0438
312	2025	ALT3	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0526	0.0121
313	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.7737	0.1772
314	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0709	0.0173
315	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1620	0.0386
316	2025	ALT3	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1124	0.0279
317	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1515	0.0349
318	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0471	0.0117
319	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1465	0.0345
320	2025	ALT3	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0969	0.0238
321	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1734	0.0419
322	2025	ALT3	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.0899	0.0213
323	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3470	0.0770
324	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1050	0.0251
325	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.4185	0.0952
326	2025	ALT3	WB	NT														
327	2025	ALT3	WB	NT														
328	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0867	0.0212
329	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1992	0.0479
330	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.0591	0.0139
331	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.3318	0.0741
332	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1163	0.0260
333	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2899	0.0640
334	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.1256	0.0279
335	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.5052	0.1066
336	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.3517	0.0765
337	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2659	0.0537
338	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1675	0.0334
339	2025	ALT3	WB	NT	0.047453189	0.123734385	0.071945858	1.171745577	0.019690534	0.069021922	0.010791879	0.175761837	0.119399047	1.295479962	0.030482412	0.244783759	0.6380	0.1417
340	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	3.6552	0.7448
341	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	3.5478	0.7528
342	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1510	0.0326
343	2025	ALT3	WB	NT	0.051638743	0.124336574	0.071945858	1.171745577	0.023572304	0.069578867	0.010791879	0.175761837	0.123584601	1.296082151	0.034364183	0.245340704	0.2914	0.0648
344	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1552	0.0339
345	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.0941	0.0196
346	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1607	0.0361
347	2025	ALT3	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1119	0.0257
348	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	1.1534	0.2510
349	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2056	0.0468
350	2025	ALT3	WB	NT	0.047875337	0.115640182	0.071945858	1.171745577	0.020082203	0.061575653	0.010791879	0.175761837	0.119821195	1.28738576	0.030874081	0.23733749	0.2364	0.0561
351	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1633	0.0345

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
352	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1100	0.0253
353	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.2288	0.0550
354	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.5273	0.1192
355	2025	ALT3	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1393	0.0332
356	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1516	0.0353
357	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.3035	0.0739
358	2025	ALT3	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1609	0.0380
359	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2152	0.0517
360	2025	ALT3	WB	NT	0.048923625	0.116642174	0.071945858	1.171745577	0.021054383	0.062498227	0.010791879	0.175761837	0.120869483	1.288387751	0.031846262	0.238260063	0.1231	0.0290
361	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.1303	0.0308
362	2025	ALT3	WB	NT	0.048280698	0.115492142	0.071945858	1.171745577	0.020458137	0.061439752	0.010791879	0.175761837	0.120226556	1.287237719	0.031250016	0.237201588	0.1201	0.0272
363	2025	ALT3	WB	NT	0.0499476	0.119201242	0.071945858	1.171745577	0.022004024	0.064853257	0.010791879	0.175761837	0.121893458	1.290946819	0.032795902	0.240615093	0.2435	0.0589
364	2025	ALT3	WB	NT														
365	2025	ALT3	WB	NT														
366	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1460	0.0426
367	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2837	0.0827
368	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1809	0.0527
369	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2720	0.0793
370	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1424	0.0415
371	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1350	0.0393
372	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1406	0.0410
373	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0647	0.0189
374	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1000	0.0291
375	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0655	0.0191
376	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2938	0.0856
377	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1766	0.0515
378	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0823	0.0240
379	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4186	0.1220
380	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0935	0.0272
381	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1081	0.0315
382	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1004	0.0293
383	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3679	0.1072
384	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0542	0.0158
385	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2311	0.0673
386	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1368	0.0399
387	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3412	0.0994
388	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1016	0.0296
389	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0888	0.0259
390	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1340	0.0391
391	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.5255	0.1531
392	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0335	0.0098
393	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4481	0.1306
394	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0637	0.0186
395	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4226	0.1232
396	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3014	0.0878
397	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4302	0.1254
398	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1232	0.0359
399	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4269	0.1244
400	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.6168	0.1798
401	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.5139	0.1498
402	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3706	0.1080
403	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2654	0.0773
404	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2558	0.0746
405	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4880	0.1422
406	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2757	0.0803
407	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3813	0.1111
408	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2958	0.0862
409	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4460	0.1300
410	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3103	0.0904
411	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4330	0.1262
412	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.9974	0.2907
413	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.5342	0.1557
414	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2048	0.0597
415	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1047	0.0305
416	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4463	0.1301
417	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1046	0.0305

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
418	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.0162	0.0047
419	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4566	0.1331
420	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3083	0.0898
421	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.5079	0.1480
422	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3565	0.1039
423	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3376	0.0984
424	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4007	0.1168
425	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.7726	0.2252
426	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.1890	0.0551
427	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4465	0.1301
428	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.2350	0.0685
429	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4494	0.1310
430	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4517	0.1316
431	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.3012	0.0878
432	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4632	0.1350
433	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.5658	0.1649
434	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.6664	0.1942
435	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.5143	0.1499
436	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.4324	0.1260
437	2025	ALT3	WB	NT	0.047853146	0.128773212	0.043235568	0.704155699	0.020060884	0.073657596	0.006485335	0.105623355	0.091088715	0.832928911	0.02654622	0.179280951	0.8295	0.2417
1	2035	ALT1	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.3849	0.5583
2	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.9678	1.3995
3	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.2721	0.0641
4	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.0143	1.1748
5	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.9448	0.4587
6	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0014	0.7024
7	2035	ALT1	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.5271	1.0599
8	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.6801	1.3299
9	2035	ALT1	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.7974	1.1231
10	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.4611	0.3421
11	2035	ALT1	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.1009	0.7296
12	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.1304	0.5039
13	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.8473	0.4414
14	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.8300	0.6772
15	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.7320	0.8910
16	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.1530	0.5132
17	2035	ALT1	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.5681	0.8436
18	2035	ALT1	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.0925	0.7427
19	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.2818	0.5496
20	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.6952	1.1292
21	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.4964	0.1194
22	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.8969	0.4588
23	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.9651	0.4739
24	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.7463	0.4226
25	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.1421	0.2758
26	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.5047	2.3103
27	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.1049	1.7229
28	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.9638	0.9640
29	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.6644	0.6500
30	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.5008	1.0997
31	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.3897	0.8302
32	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.8332	0.9376
33	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.6094	0.8864
34	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.4394	1.0841
35	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.3654	0.5825
36	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.8323	0.6976
37	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.8156	0.9397
38	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.8044	1.4321
39	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.8049	1.4393
40	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.7609	0.9303
41	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.4314	0.3548
42	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.5272	1.1187
43	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.8703	0.4642
44	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.9584	0.7343
45	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2440	0.3084
46	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.4745	0.8592

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
47	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.1887	0.0469
48	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.8891	0.9636
49	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.3192	0.0792
50	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.1380	1.2724
51	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.8595	0.2119
52	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.2647	0.3118
53	2035	ALT1	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	0.9817	0.2398
54	2035	ALT1	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.2880	1.2893
55	2035	ALT1	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.4387	0.5973
56	2035	ALT1	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.2029	0.7777
57	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.6691	0.4082
58	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.6803	1.3843
59	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.3839	0.3376
60	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.7243	1.3895
61	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2207	0.2964
62	2035	ALT1	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4610	0.5960
63	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.9679	0.2323
64	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.0297	0.7220
65	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.9630	0.2298
66	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.3913	0.0912
67	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.9932	0.6897
68	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.1298	0.4922
69	2035	ALT1	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.1937	1.1880
70	2035	ALT1	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.0394	0.6987
71	2035	ALT1	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.6156	0.8057
72	2035	ALT1	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.4233	0.7683
73	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1051	0.0268
74	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0789	0.0205
75	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0875	0.0229
76	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1227	0.0321
77	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0967	0.0255
78	2035	ALT1	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0981	0.0272
79	2035	ALT1	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1149	0.0319
80	2035	ALT1	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2375	0.0668
81	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2954	0.0715
82	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2520	0.0683
83	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0814	0.0189
84	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1303	0.0333
85	2035	ALT1	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4019	0.0913
86	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3095	0.0733
87	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0680	0.0174
88	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1665	0.0405
89	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0369	0.0094
90	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0808	0.0175
91	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2641	0.0661
92	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1017	0.0238
93	2035	ALT1	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	2.0806	0.4691
94	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.7870	0.1930
95	2035	ALT1	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2118	0.0558
96	2035	ALT1	EB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0757	0.0182
97	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1487	0.0333
98	2035	ALT1	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1019	0.0220
99	2035	ALT1	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2647	0.0609
100	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3305	0.0806
101	2035	ALT1	EB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1393	0.0315
102	2035	ALT1	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1502	0.0369
103	2035	ALT1	EB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0613	0.0147
104	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1639	0.0427
105	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0962	0.0239
106	2035	ALT1	EB	AM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.0239	0.0074
107	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1606	0.0380
108	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1607	0.0437
109	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1641	0.0396
110	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2089	0.0540
111	2035	ALT1	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1083	0.0265
112	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2158	0.0551

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
113	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1003	0.0250
114	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1267	0.0343
115	2035	ALT1	EB	AM														
116	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0528	0.0140
117	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0960	0.0236
118	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0578	0.0151
119	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1582	0.0398
120	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0554	0.0144
121	2035	ALT1	EB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2982	0.0718
122	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	2.2906	0.5519
123	2035	ALT1	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.6124	0.3856
124	2035	ALT1	EB	AM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.0772	0.0243
125	2035	ALT1	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1879	0.0512
126	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0374	0.0092
127	2035	ALT1	EB	AM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.2062	0.0626
128	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0100	0.0025
129	2035	ALT1	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2802	0.0770
130	2035	ALT1	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0894	0.0215
131	2035	ALT1	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3869	0.1077
132	2035	ALT1	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0629	0.0150
133	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3263	0.0877
134	2035	ALT1	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.7232	0.1753
135	2035	ALT1	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2973	0.0769
136	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0180	0.0044
137	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	3.4027	0.7338
138	2035	ALT1	EB	AM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.0840	0.0253
139	2035	ALT1	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0715	0.0181
140	2035	ALT1	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2030	0.0567
141	2035	ALT1	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0337	0.0085
142	2035	ALT1	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1208	0.0307
143	2035	ALT1	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1005	0.0254
144	2035	ALT1	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1469	0.0431
145	2035	ALT1	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3880	0.1138
146	2035	ALT1	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0168	0.0049
147	2035	ALT1	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3281	0.0962
148	2035	ALT1	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1193	0.0350
149	2035	ALT1	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2139	0.0627
150	2035	ALT1	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2982	0.0875
151	2035	ALT1	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4028	0.1182
152	2035	ALT1	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3195	0.0937
153	2035	ALT1	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1257	0.0369
154	2035	ALT1	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2406	0.0707
155	2035	ALT1	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1788	0.0525
156	2035	ALT1	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1407	0.0413
157	2035	ALT1	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2476	0.0727
158	2035	ALT1	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2852	0.0838
159	2035	ALT1	EB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1975	0.0582
160	2035	ALT1	EB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.3681	0.1085
161	2035	ALT1	EB	AM														
162	2035	ALT1	EB	AM														
163	2035	ALT1	EB	AM														
164	2035	ALT1	EB	AM														
165	2035	ALT1	EB	AM														
166	2035	ALT1	EB	AM														
167	2035	ALT1	EB	AM														
168	2035	ALT1	EB	AM														
169	2035	ALT1	EB	AM														
170	2035	ALT1	EB	AM														
171	2035	ALT1	EB	AM														
172	2035	ALT1	EB	AM														
173	2035	ALT1	EB	AM														
174	2035	ALT1	EB	AM														
175	2035	ALT1	EB	AM														
176	2035	ALT1	EB	AM														
177	2035	ALT1	EB	AM														
178	2035	ALT1	EB	AM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
179	2035	ALT1	EB	AM														
180	2035	ALT1	EB	AM														
181	2035	ALT1	EB	AM														
182	2035	ALT1	EB	AM														
183	2035	ALT1	EB	AM														
184	2035	ALT1	EB	AM														
185	2035	ALT1	EB	AM														
186	2035	ALT1	EB	AM														
187	2035	ALT1	EB	AM														
188	2035	ALT1	EB	AM														
189	2035	ALT1	EB	AM														
190	2035	ALT1	EB	AM														
191	2035	ALT1	EB	AM														
192	2035	ALT1	EB	AM														
193	2035	ALT1	EB	AM														
194	2035	ALT1	EB	AM														
195	2035	ALT1	EB	AM														
196	2035	ALT1	EB	AM														
197	2035	ALT1	EB	AM														
198	2035	ALT1	EB	AM														
199	2035	ALT1	EB	AM														
200	2035	ALT1	EB	AM														
201	2035	ALT1	EB	AM														
202	2035	ALT1	EB	AM														
203	2035	ALT1	EB	AM														
204	2035	ALT1	EB	AM														
205	2035	ALT1	EB	AM														
206	2035	ALT1	EB	AM														
207	2035	ALT1	EB	AM														
208	2035	ALT1	EB	AM														
209	2035	ALT1	EB	AM														
210	2035	ALT1	EB	AM														
211	2035	ALT1	EB	AM														
212	2035	ALT1	EB	AM														
213	2035	ALT1	EB	AM														
214	2035	ALT1	EB	AM														
215	2035	ALT1	EB	AM														
1	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.2363	1.1840
2	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	13.1126	2.9517
3	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.5955	0.1347
4	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.9540	2.4638
5	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.2131	0.9534
6	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.5402	1.4704
7	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	9.7989	2.2137
8	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.2944	2.7621
9	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	10.2906	2.3204
10	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.1153	0.6976
11	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.4538	1.4557
12	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.3919	0.9893
13	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.7533	0.8525
14	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.7926	1.3184
15	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.7459	1.7719
16	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.4661	1.0182
17	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.5613	1.7195
18	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.6705	1.5531
19	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.9673	1.1563
20	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	10.3999	2.4194
21	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.1112	0.2594
22	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.0929	0.9615
23	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.2681	1.0021
24	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.7579	0.8857
25	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.4869	0.5855
26	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	20.8526	4.9519
27	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	15.7752	3.7412
28	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.8007	2.0934
29	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.7738	1.3747

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
30	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.6650	2.3040
31	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.1514	1.7060
32	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.0602	1.9189
33	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.4284	1.7727
34	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.0612	2.1530
35	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.7316	1.1304
36	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.6706	1.3547
37	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.6357	1.8242
38	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	11.2687	2.6946
39	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	11.1086	2.6604
40	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.3111	1.7475
41	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.7777	0.6660
42	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.7483	2.0926
43	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.6139	0.8669
44	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.7161	1.3712
45	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.4065	0.5768
46	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.7195	1.6086
47	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.3695	0.0886
48	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.5601	1.8096
49	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.6254	0.1500
50	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.4703	2.5100
51	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.7747	0.4252
52	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.6593	0.6356
53	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0806	0.4949
54	2035	ALT1	EB	MD	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	11.3827	2.6898
55	2035	ALT1	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.3007	1.2615
56	2035	ALT1	EB	MD	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.0221	1.6569
57	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.7137	0.8855
58	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.8381	3.0549
59	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.1853	0.7609
60	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	13.4584	3.2087
61	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.9096	0.6953
62	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.9727	1.4209
63	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.3952	0.5665
64	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.7143	1.8190
65	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.5054	0.5935
66	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.9574	0.2206
67	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.4801	1.7094
68	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.3261	1.2210
69	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	13.2130	3.0057
70	2035	ALT1	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.7301	1.7619
71	2035	ALT1	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.1664	2.0248
72	2035	ALT1	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.7736	1.9575
73	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2201	0.0539
74	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1396	0.0343
75	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1755	0.0446
76	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2327	0.0602
77	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1935	0.0482
78	2035	ALT1	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1921	0.0509
79	2035	ALT1	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2457	0.0657
80	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4195	0.1069
81	2035	ALT1	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.6187	0.1448
82	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4002	0.1034
83	2035	ALT1	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1870	0.0424
84	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2331	0.0567
85	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.7732	0.1653
86	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.6989	0.1631
87	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1711	0.0413
88	2035	ALT1	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2877	0.0640
89	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0818	0.0202
90	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2514	0.0591
91	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.5047	0.1168
92	2035	ALT1	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2898	0.0738
93	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	5.4749	1.1944
94	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	1.6481	0.3842
95	2035	ALT1	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.4351	0.1113

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
96	2035	ALT1	EB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.4468	0.1055
97	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3042	0.0628
98	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3027	0.0669
99	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5901	0.1321
100	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5944	0.1375
101	2035	ALT1	EB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3545	0.0790
102	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2277	0.0532
103	2035	ALT1	EB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1346	0.0319
104	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2433	0.0606
105	2035	ALT1	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2115	0.0514
106	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0349	0.0094
107	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3876	0.0924
108	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2642	0.0701
109	2035	ALT1	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3524	0.0836
110	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3169	0.0779
111	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1790	0.0422
112	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.4177	0.1033
113	2035	ALT1	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2229	0.0549
114	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2523	0.0667
115	2035	ALT1	EB	MD														
116	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0945	0.0244
117	2035	ALT1	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1939	0.0464
118	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1354	0.0348
119	2035	ALT1	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2995	0.0738
120	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1272	0.0323
121	2035	ALT1	EB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.4669	0.1076
122	2035	ALT1	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	4.8737	1.1375
123	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	3.6599	0.8431
124	2035	ALT1	EB	MD	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1523	0.0455
125	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3012	0.0749
126	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1094	0.0280
127	2035	ALT1	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3916	0.1047
128	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0485	0.0135
129	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.5325	0.1328
130	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2802	0.0685
131	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.6928	0.1684
132	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2409	0.0595
133	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.6295	0.1586
134	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.5454	0.3728
135	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.6036	0.1497
136	2035	ALT1	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0745	0.0201
137	2035	ALT1	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	7.4737	1.5569
138	2035	ALT1	EB	MD	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1672	0.0488
139	2035	ALT1	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1819	0.0461
140	2035	ALT1	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.4182	0.1146
141	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0904	0.0225
142	2035	ALT1	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2938	0.0752
143	2035	ALT1	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3187	0.0815
144	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3432	0.1007
145	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.9062	0.2658
146	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0391	0.0115
147	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.7662	0.2248
148	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2785	0.0817
149	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4875	0.1430
150	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.6795	0.1993
151	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.9175	0.2691
152	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.7278	0.2135
153	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2986	0.0876
154	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.5712	0.1676
155	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4243	0.1245
156	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3340	0.0980
157	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.5876	0.1724
158	2035	ALT1	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.6770	0.1986
159	2035	ALT1	EB	MD	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.4847	0.1452
160	2035	ALT1	EB	MD	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.9035	0.2707
161	2035	ALT1	EB	MD														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
162	2035	ALT1	EB	MD														
163	2035	ALT1	EB	MD														
164	2035	ALT1	EB	MD														
165	2035	ALT1	EB	MD														
166	2035	ALT1	EB	MD														
167	2035	ALT1	EB	MD														
168	2035	ALT1	EB	MD														
169	2035	ALT1	EB	MD														
170	2035	ALT1	EB	MD														
171	2035	ALT1	EB	MD														
172	2035	ALT1	EB	MD														
173	2035	ALT1	EB	MD														
174	2035	ALT1	EB	MD														
175	2035	ALT1	EB	MD														
176	2035	ALT1	EB	MD														
177	2035	ALT1	EB	MD														
178	2035	ALT1	EB	MD														
179	2035	ALT1	EB	MD														
180	2035	ALT1	EB	MD														
181	2035	ALT1	EB	MD														
182	2035	ALT1	EB	MD														
183	2035	ALT1	EB	MD														
184	2035	ALT1	EB	MD														
185	2035	ALT1	EB	MD														
186	2035	ALT1	EB	MD														
187	2035	ALT1	EB	MD														
188	2035	ALT1	EB	MD														
189	2035	ALT1	EB	MD														
190	2035	ALT1	EB	MD														
191	2035	ALT1	EB	MD														
192	2035	ALT1	EB	MD														
193	2035	ALT1	EB	MD														
194	2035	ALT1	EB	MD														
195	2035	ALT1	EB	MD														
196	2035	ALT1	EB	MD														
197	2035	ALT1	EB	MD														
198	2035	ALT1	EB	MD														
199	2035	ALT1	EB	MD														
200	2035	ALT1	EB	MD														
201	2035	ALT1	EB	MD														
202	2035	ALT1	EB	MD														
203	2035	ALT1	EB	MD														
204	2035	ALT1	EB	MD														
205	2035	ALT1	EB	MD														
206	2035	ALT1	EB	MD														
207	2035	ALT1	EB	MD														
208	2035	ALT1	EB	MD														
209	2035	ALT1	EB	MD														
210	2035	ALT1	EB	MD														
211	2035	ALT1	EB	MD														
212	2035	ALT1	EB	MD														
213	2035	ALT1	EB	MD														
214	2035	ALT1	EB	MD														
215	2035	ALT1	EB	MD														
1	2035	ALT1	EB	PM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	3.0679	0.7674
2	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	7.5510	1.8754
3	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	0.3491	0.0868
4	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.3632	1.5761
5	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.4828	0.6166
6	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.7795	0.9353
7	2035	ALT1	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	5.7396	1.4194
8	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.1248	1.7563
9	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.0377	1.4867
10	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.7642	0.4350
11	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.6905	0.9081
12	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.5162	0.6203

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
13	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.2774	0.5651
14	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.5436	0.8784
15	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.8105	1.1854
16	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.8072	0.6914
17	2035	ALT1	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	4.8362	1.1915
18	2035	ALT1	EB	PM	0.050524912	0.107774633	0.062529394	1.018384415	0.021608222	0.056062771	0.009379409	0.152757662	0.113054305	1.126159048	0.030987631	0.208820433	4.3945	1.1107
19	2035	ALT1	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	3.3284	0.8310
20	2035	ALT1	EB	PM	0.050524912	0.107774633	0.062529394	1.018384415	0.021608222	0.056062771	0.009379409	0.152757662	0.113054305	1.126159048	0.030987631	0.208820433	7.2124	1.8309
21	2035	ALT1	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	0.7664	0.1921
22	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.9989	0.7493
23	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.1931	0.8014
24	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.8992	0.7177
25	2035	ALT1	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	1.8996	0.4700
26	2035	ALT1	EB	PM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	16.2773	4.0578
27	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	12.4668	3.0897
28	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	7.3359	1.8098
29	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.9281	1.2160
30	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	8.3851	2.0721
31	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.1801	1.5274
32	2035	ALT1	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	6.8224	1.6803
33	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.2776	1.5462
34	2035	ALT1	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	7.7456	1.9015
35	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.0386	0.9940
36	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.8386	1.1909
37	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.5154	1.6037
38	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	9.7672	2.3942
39	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	9.6920	2.3905
40	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.3205	1.5573
41	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.3981	0.5926
42	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	7.5210	1.8431
43	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0846	0.7613
44	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.8757	1.2035
45	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0526	0.5059
46	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.7767	1.4173
47	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.3197	0.0790
48	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.6197	1.6327
49	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.5475	0.1351
50	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.7352	2.1568
51	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.3749	0.3394
52	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	1.9142	0.4709
53	2035	ALT1	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	1.5016	0.3686
54	2035	ALT1	EB	PM	0.051252887	0.108468888	0.062529394	1.018384415	0.022282994	0.056701758	0.009379409	0.152757662	0.11378228	1.126853303	0.031662403	0.20945942	8.2858	2.0897
55	2035	ALT1	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	3.8214	0.9423
56	2035	ALT1	EB	PM	0.050524912	0.107774633	0.062529394	1.018384415	0.021608222	0.056062771	0.009379409	0.152757662	0.113054305	1.126159048	0.030987631	0.208820433	5.1631	1.2862
57	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.7535	0.6807
58	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	9.7577	2.4081
59	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.4705	0.6129
60	2035	ALT1	EB	PM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	10.6507	2.6559
61	2035	ALT1	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.3763	0.5915
62	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.9759	1.2398
63	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.9331	0.4806
64	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.4307	1.5932
65	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.0732	0.5151
66	2035	ALT1	EB	PM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	0.7888	0.1901
67	2035	ALT1	EB	PM	0.051252887	0.108468888	0.062529394	1.018384415	0.022282994	0.056701758	0.009379409	0.152757662	0.11378228	1.126853303	0.031662403	0.20945942	6.3006	1.5398
68	2035	ALT1	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	4.4770	1.0739
69	2035	ALT1	EB	PM	0.050524912	0.107774633	0.062529394	1.018384415	0.021608222	0.056062771	0.009379409	0.152757662	0.113054305	1.126159048	0.030987631	0.208820433	11.3815	2.7425
70	2035	ALT1	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.8019	1.6330
71	2035	ALT1	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.2721	1.9589
72	2035	ALT1	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.3011	1.9884
73	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1672	0.0447
74	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1192	0.0302
75	2035	ALT1	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1292	0.0359
76	2035	ALT1	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1753	0.0484
77	2035	ALT1	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1645	0.0468
78	2035	ALT1	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1325	0.0356

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
79	2035	ALT1	EB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1694	0.0519
80	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3012	0.0778
81	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.5155	0.1320
82	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2582	0.0678
83	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1032	0.0245
84	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2215	0.0553
85	2035	ALT1	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4376	0.1064
86	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4807	0.1215
87	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1366	0.0363
88	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1508	0.0361
89	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0540	0.0139
90	2035	ALT1	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2702	0.0734
91	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2569	0.0604
92	2035	ALT1	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1967	0.0539
93	2035	ALT1	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	2.8522	0.7064
94	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	1.0754	0.2628
95	2035	ALT1	EB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.3866	0.1034
96	2035	ALT1	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1515	0.0358
97	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1718	0.0395
98	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3106	0.0731
99	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3242	0.0816
100	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.6088	0.1487
101	2035	ALT1	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2263	0.0541
102	2035	ALT1	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1789	0.0433
103	2035	ALT1	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1531	0.0384
104	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2016	0.0509
105	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1648	0.0427
106	2035	ALT1	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0319	0.0089
107	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2330	0.0606
108	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1767	0.0474
109	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2882	0.0739
110	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2977	0.0742
111	2035	ALT1	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1685	0.0408
112	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3617	0.0958
113	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2018	0.0528
114	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1689	0.0452
115	2035	ALT1	EB	PM														
116	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0719	0.0187
117	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1351	0.0340
118	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1555	0.0409
119	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2309	0.0590
120	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1036	0.0269
121	2035	ALT1	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.5216	0.1242
122	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	3.1488	0.7769
123	2035	ALT1	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.8893	0.4481
124	2035	ALT1	EB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1033	0.0316
125	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2295	0.0554
126	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0806	0.0218
127	2035	ALT1	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2321	0.0638
128	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0596	0.0167
129	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2905	0.0725
130	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2799	0.0717
131	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.4213	0.1024
132	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3801	0.0986
133	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3980	0.1004
134	2035	ALT1	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.6171	0.4092
135	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3578	0.0919
136	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0535	0.0149
137	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	6.1304	1.3644
138	2035	ALT1	EB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1134	0.0341
139	2035	ALT1	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1852	0.0504
140	2035	ALT1	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2604	0.0752
141	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1944	0.0505
142	2035	ALT1	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2175	0.0587
143	2035	ALT1	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.5522	0.1426
144	2035	ALT1	EB	PM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.3214	0.0947

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
145	2035	ALT1	EB	PM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.8484	0.2500
146	2035	ALT1	EB	PM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.0367	0.0108
147	2035	ALT1	EB	PM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.7174	0.2114
148	2035	ALT1	EB	PM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2609	0.0769
149	2035	ALT1	EB	PM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4409	0.1299
150	2035	ALT1	EB	PM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6146	0.1811
151	2035	ALT1	EB	PM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.8300	0.2446
152	2035	ALT1	EB	PM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6583	0.1940
153	2035	ALT1	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2445	0.0718
154	2035	ALT1	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.4677	0.1373
155	2035	ALT1	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3475	0.1020
156	2035	ALT1	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2734	0.0803
157	2035	ALT1	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.4810	0.1412
158	2035	ALT1	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5543	0.1628
159	2035	ALT1	EB	PM	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	0.3729	0.1135
160	2035	ALT1	EB	PM	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	0.6951	0.2116
161	2035	ALT1	EB	PM														
162	2035	ALT1	EB	PM														
163	2035	ALT1	EB	PM														
164	2035	ALT1	EB	PM														
165	2035	ALT1	EB	PM														
166	2035	ALT1	EB	PM														
167	2035	ALT1	EB	PM														
168	2035	ALT1	EB	PM														
169	2035	ALT1	EB	PM														
170	2035	ALT1	EB	PM														
171	2035	ALT1	EB	PM														
172	2035	ALT1	EB	PM														
173	2035	ALT1	EB	PM														
174	2035	ALT1	EB	PM														
175	2035	ALT1	EB	PM														
176	2035	ALT1	EB	PM														
177	2035	ALT1	EB	PM														
178	2035	ALT1	EB	PM														
179	2035	ALT1	EB	PM														
180	2035	ALT1	EB	PM														
181	2035	ALT1	EB	PM														
182	2035	ALT1	EB	PM														
183	2035	ALT1	EB	PM														
184	2035	ALT1	EB	PM														
185	2035	ALT1	EB	PM														
186	2035	ALT1	EB	PM														
187	2035	ALT1	EB	PM														
188	2035	ALT1	EB	PM														
189	2035	ALT1	EB	PM														
190	2035	ALT1	EB	PM														
191	2035	ALT1	EB	PM														
192	2035	ALT1	EB	PM														
193	2035	ALT1	EB	PM														
194	2035	ALT1	EB	PM														
195	2035	ALT1	EB	PM														
196	2035	ALT1	EB	PM														
197	2035	ALT1	EB	PM														
198	2035	ALT1	EB	PM														
199	2035	ALT1	EB	PM														
200	2035	ALT1	EB	PM														
201	2035	ALT1	EB	PM														
202	2035	ALT1	EB	PM														
203	2035	ALT1	EB	PM														
204	2035	ALT1	EB	PM														
205	2035	ALT1	EB	PM														
206	2035	ALT1	EB	PM														
207	2035	ALT1	EB	PM														
208	2035	ALT1	EB	PM														
209	2035	ALT1	EB	PM														
210	2035	ALT1	EB	PM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
211	2035	ALT1	EB	PM														
212	2035	ALT1	EB	PM														
213	2035	ALT1	EB	PM														
214	2035	ALT1	EB	PM														
215	2035	ALT1	EB	PM														
1	2035	ALT1	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.1132	1.5005
2	2035	ALT1	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	18.4491	3.8812
3	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.8116	0.1714
4	2035	ALT1	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	15.4042	3.2332
5	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.7802	1.2211
6	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.1849	1.9279
7	2035	ALT1	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	13.3147	2.8060
8	2035	ALT1	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	17.1078	3.5781
9	2035	ALT1	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	13.9402	2.9279
10	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.4534	0.9297
11	2035	ALT1	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.7987	1.8446
12	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.2768	1.3155
13	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.0677	1.0661
14	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.2858	1.7289
15	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.4969	2.2076
16	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.0802	1.2795
17	2035	ALT1	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.7632	2.2559
18	2035	ALT1	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.7031	1.8558
19	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.4095	1.3706
20	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	14.3127	3.0528
21	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.4963	0.3201
22	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.0729	0.8987
23	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.3471	0.9566
24	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.5575	0.7903
25	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.3461	0.5218
26	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	20.1102	4.4912
27	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	14.9686	3.3416
28	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.4254	1.8718
29	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.3825	1.2006
30	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.2684	2.0671
31	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.7478	1.5064
32	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.6869	1.7077
33	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.9697	1.5533
34	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.6996	1.9249
35	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.4196	0.9838
36	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.2938	1.1785
37	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.1297	1.5872
38	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.6664	2.3578
39	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.2998	2.2833
40	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.0753	1.5629
41	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.6105	0.5796
42	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.2799	1.8292
43	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.3724	0.7477
44	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.3323	1.1823
45	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.2710	0.5026
46	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.3618	1.4025
47	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.3448	0.0762
48	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.2085	1.5875
49	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.5869	0.1296
50	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.5544	2.3228
51	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.6892	0.3771
52	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4999	0.5608
53	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.9191	0.4289
54	2035	ALT1	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	11.0931	2.4726
55	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.1215	1.1475
56	2035	ALT1	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.7668	1.5043
57	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.5447	0.7925
58	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	12.6668	2.8225
59	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.1087	0.6971
60	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	13.4638	3.0160
61	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.8809	0.6473

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
62	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.9796	1.3370
63	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.5000	0.5553
64	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.3877	1.8532
65	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.6817	0.5957
66	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.8406	0.1859
67	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.6590	1.4624
68	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.7134	1.0390
69	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	11.7200	2.5565
70	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.8320	1.4938
71	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.6894	1.8510
72	2035	ALT1	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.0829	1.7308
73	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1012	0.0237
74	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0745	0.0173
75	2035	ALT1	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1238	0.0291
76	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1762	0.0427
77	2035	ALT1	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1656	0.0396
78	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1384	0.0331
79	2035	ALT1	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2170	0.0514
80	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2813	0.0679
81	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4340	0.0993
82	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2250	0.0553
83	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1218	0.0254
84	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1193	0.0285
85	2035	ALT1	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.5958	0.1320
86	2035	ALT1	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.6161	0.1345
87	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1297	0.0304
88	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2157	0.0451
89	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0671	0.0153
90	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2208	0.0476
91	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3144	0.0667
92	2035	ALT1	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2570	0.0590
93	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	14.6083	2.8134
94	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.4246	0.3047
95	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2766	0.0624
96	2035	ALT1	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3293	0.0747
97	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2072	0.0405
98	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1873	0.0392
99	2035	ALT1	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.5322	0.1161
100	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4316	0.0961
101	2035	ALT1	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1773	0.0376
102	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1381	0.0304
103	2035	ALT1	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1050	0.0246
104	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1572	0.0377
105	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1597	0.0368
106	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0210	0.0052
107	2035	ALT1	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3372	0.0770
108	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1672	0.0418
109	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2650	0.0605
110	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1772	0.0424
111	2035	ALT1	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0957	0.0214
112	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2763	0.0652
113	2035	ALT1	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1794	0.0435
114	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1574	0.0388
115	2035	ALT1	EB	NT														
116	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0483	0.0122
117	2035	ALT1	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1729	0.0398
118	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0755	0.0187
119	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1654	0.0393
120	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0687	0.0168
121	2035	ALT1	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2425	0.0526
122	2035	ALT1	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	4.0230	0.8867
123	2035	ALT1	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	3.2747	0.7104
124	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1661	0.0381
125	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0197	0.0043
126	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0835	0.0201
127	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3830	0.0901

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
128	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0316	0.0084
129	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3296	0.0743
130	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2258	0.0543
131	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4704	0.1023
132	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1687	0.0411
133	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5402	0.1241
134	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.0119	0.2357
135	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4251	0.0960
136	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0549	0.0140
137	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	3.6495	0.7512
138	2035	ALT1	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1127	0.0266
139	2035	ALT1	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1321	0.0331
140	2035	ALT1	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3455	0.0847
141	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0637	0.0159
142	2035	ALT1	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1393	0.0342
143	2035	ALT1	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1368	0.0343
144	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1991	0.0587
145	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5258	0.1549
146	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0228	0.0067
147	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4446	0.1310
148	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1616	0.0476
149	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2894	0.0853
150	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4034	0.1188
151	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5447	0.1605
152	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4321	0.1273
153	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1905	0.0561
154	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3646	0.1074
155	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2709	0.0798
156	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2131	0.0628
157	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3751	0.1105
158	2035	ALT1	EB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4323	0.1274
159	2035	ALT1	EB	NT	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2777	0.0815
160	2035	ALT1	EB	NT	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.5176	0.1520
161	2035	ALT1	EB	NT														
162	2035	ALT1	EB	NT														
163	2035	ALT1	EB	NT														
164	2035	ALT1	EB	NT														
165	2035	ALT1	EB	NT														
166	2035	ALT1	EB	NT														
167	2035	ALT1	EB	NT														
168	2035	ALT1	EB	NT														
169	2035	ALT1	EB	NT														
170	2035	ALT1	EB	NT														
171	2035	ALT1	EB	NT														
172	2035	ALT1	EB	NT														
173	2035	ALT1	EB	NT														
174	2035	ALT1	EB	NT														
175	2035	ALT1	EB	NT														
176	2035	ALT1	EB	NT														
177	2035	ALT1	EB	NT														
178	2035	ALT1	EB	NT														
179	2035	ALT1	EB	NT														
180	2035	ALT1	EB	NT														
181	2035	ALT1	EB	NT														
182	2035	ALT1	EB	NT														
183	2035	ALT1	EB	NT														
184	2035	ALT1	EB	NT														
185	2035	ALT1	EB	NT														
186	2035	ALT1	EB	NT														
187	2035	ALT1	EB	NT														
188	2035	ALT1	EB	NT														
189	2035	ALT1	EB	NT														
190	2035	ALT1	EB	NT														
191	2035	ALT1	EB	NT														
192	2035	ALT1	EB	NT														
193	2035	ALT1	EB	NT														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
194	2035	ALT1	EB	NT														
195	2035	ALT1	EB	NT														
196	2035	ALT1	EB	NT														
197	2035	ALT1	EB	NT														
198	2035	ALT1	EB	NT														
199	2035	ALT1	EB	NT														
200	2035	ALT1	EB	NT														
201	2035	ALT1	EB	NT														
202	2035	ALT1	EB	NT														
203	2035	ALT1	EB	NT														
204	2035	ALT1	EB	NT														
205	2035	ALT1	EB	NT														
206	2035	ALT1	EB	NT														
207	2035	ALT1	EB	NT														
208	2035	ALT1	EB	NT														
209	2035	ALT1	EB	NT														
210	2035	ALT1	EB	NT														
211	2035	ALT1	EB	NT														
212	2035	ALT1	EB	NT														
213	2035	ALT1	EB	NT														
214	2035	ALT1	EB	NT														
215	2035	ALT1	EB	NT														
216	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.8626	0.9322
217	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.9826	1.6756
218	2035	ALT1	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.1119	1.2389
219	2035	ALT1	WB	AM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	7.5119	1.8196
220	2035	ALT1	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.0222	0.9753
221	2035	ALT1	WB	AM	0.050524912	0.107774633	0.062529394	1.018384415	0.021608222	0.056062771	0.009379409	0.152757662	0.113054305	1.126159048	0.030987631	0.208820433	3.6945	0.9034
222	2035	ALT1	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.0273	0.9769
223	2035	ALT1	WB	AM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	1.9289	0.4706
224	2035	ALT1	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.0376	0.5102
225	2035	ALT1	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.3053	0.3263
226	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.6139	1.4059
227	2035	ALT1	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.1269	0.5371
228	2035	ALT1	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.1456	0.2892
229	2035	ALT1	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	7.5746	1.8930
230	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.7809	0.4463
231	2035	ALT1	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.9102	0.4754
232	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.9126	0.4773
233	2035	ALT1	WB	AM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	6.6674	1.6520
234	2035	ALT1	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	1.0334	0.2560
235	2035	ALT1	WB	AM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	4.1774	1.0338
236	2035	ALT1	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.6030	0.6434
237	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.1611	1.0297
238	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.3079	0.3238
239	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.1643	0.2884
240	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.4178	0.3528
241	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.2991	1.3151
242	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.3588	0.0891
243	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.5843	1.1367
244	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.6722	0.1668
245	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.3447	1.0760
246	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.2777	0.8135
247	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.4350	1.0986
248	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.3357	0.3316
249	2035	ALT1	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.2455	1.0540
250	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.8460	1.6971
251	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.4680	1.3553
252	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.3617	1.0848
253	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.1251	0.7772
254	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0127	0.7492
255	2035	ALT1	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.4338	1.3439
256	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.2712	0.8142
257	2035	ALT1	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.2950	1.0644
258	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.7455	0.9344
259	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.4548	1.3608

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
260	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.6209	0.9045
261	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.4845	1.1205
262	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	11.6779	2.9227
263	2035	ALT1	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	5.8843	1.4685
264	2035	ALT1	WB	AM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	2.3412	0.5859
265	2035	ALT1	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	1.2281	0.3054
266	2035	ALT1	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.3317	1.0772
267	2035	ALT1	WB	AM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	1.2900	0.3221
268	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.2214	0.0554
269	2035	ALT1	WB	AM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	5.6456	1.4072
270	2035	ALT1	WB	AM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	2.5423	0.6308
271	2035	ALT1	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.3925	0.8313
272	2035	ALT1	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.4437	0.5982
273	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.4015	0.5903
274	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.7371	0.6715
275	2035	ALT1	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.3996	1.0802
276	2035	ALT1	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.1844	0.2906
277	2035	ALT1	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.6207	0.6416
278	2035	ALT1	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.4329	0.3497
279	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.8282	0.6897
280	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.7615	0.6714
281	2035	ALT1	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.1045	0.5126
282	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0244	0.7380
283	2035	ALT1	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.8943	0.7060
284	2035	ALT1	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.6364	0.8889
285	2035	ALT1	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.5373	0.6236
286	2035	ALT1	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.2951	0.5653
287	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.9790	0.9822
288	2035	ALT1	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.4148	0.1027
289	2035	ALT1	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.3480	1.0732
290	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3937	0.0999
291	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1030	0.0269
292	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0704	0.0182
293	2035	ALT1	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1415	0.0412
294	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1090	0.0286
295	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1142	0.0305
296	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0740	0.0196
297	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	3.4203	0.7757
298	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0122	0.0033
299	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1236	0.0318
300	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.0586	0.2723
301	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1700	0.0444
302	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0887	0.0244
303	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0585	0.0136
304	2035	ALT1	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0878	0.0254
305	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0978	0.0238
306	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1047	0.0295
307	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0665	0.0175
308	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1359	0.0367
309	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0678	0.0168
310	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.6467	0.1586
311	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1208	0.0313
312	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0651	0.0165
313	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.6109	0.1513
314	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0977	0.0258
315	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1269	0.0325
316	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0781	0.0207
317	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0870	0.0218
318	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0605	0.0158
319	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1504	0.0392
320	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0793	0.0207
321	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1456	0.0397
322	2035	ALT1	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0804	0.0225
323	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2885	0.0702
324	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0721	0.0174
325	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3722	0.0996

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
326	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1179	0.0297
327	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1897	0.0514
328	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0773	0.0198
329	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1385	0.0362
330	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0488	0.0120
331	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3211	0.0811
332	2035	ALT1	WB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0972	0.0234
333	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1992	0.0496
334	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1472	0.0357
335	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3277	0.0821
336	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2944	0.0702
337	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0656	0.0148
338	2035	ALT1	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1035	0.0241
339	2035	ALT1	WB	AM	0.049790298	0.109834892	0.071945858	1.171745577	0.020927273	0.057957906	0.010791879	0.175761837	0.121736156	1.281580469	0.031719152	0.233719743	0.4931	0.1192
340	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.4404	0.3609
341	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.0908	0.2664
342	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2162	0.0547
343	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0917	0.0210
344	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1839	0.0466
345	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0245	0.0057
346	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0693	0.0166
347	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1024	0.0280
348	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.8972	0.2181
349	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1425	0.0341
350	2035	ALT1	WB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1700	0.0418
351	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0558	0.0125
352	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0556	0.0145
353	2035	ALT1	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1849	0.0460
354	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2997	0.0796
355	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1042	0.0260
356	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1294	0.0354
357	2035	ALT1	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2353	0.0674
358	2035	ALT1	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1322	0.0336
359	2035	ALT1	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1386	0.0397
360	2035	ALT1	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1001	0.0275
361	2035	ALT1	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0898	0.0253
362	2035	ALT1	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1066	0.0261
363	2035	ALT1	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1760	0.0481
364	2035	ALT1	WB	AM														
365	2035	ALT1	WB	AM														
366	2035	ALT1	WB	AM														
367	2035	ALT1	WB	AM														
368	2035	ALT1	WB	AM														
369	2035	ALT1	WB	AM														
370	2035	ALT1	WB	AM														
371	2035	ALT1	WB	AM														
372	2035	ALT1	WB	AM														
373	2035	ALT1	WB	AM														
374	2035	ALT1	WB	AM														
375	2035	ALT1	WB	AM														
376	2035	ALT1	WB	AM														
377	2035	ALT1	WB	AM														
378	2035	ALT1	WB	AM														
379	2035	ALT1	WB	AM														
380	2035	ALT1	WB	AM														
381	2035	ALT1	WB	AM														
382	2035	ALT1	WB	AM														
383	2035	ALT1	WB	AM														
384	2035	ALT1	WB	AM														
385	2035	ALT1	WB	AM														
386	2035	ALT1	WB	AM														
387	2035	ALT1	WB	AM														
388	2035	ALT1	WB	AM														
389	2035	ALT1	WB	AM														
390	2035	ALT1	WB	AM														
391	2035	ALT1	WB	AM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
392	2035	ALT1	WB	AM														
393	2035	ALT1	WB	AM														
394	2035	ALT1	WB	AM														
395	2035	ALT1	WB	AM														
396	2035	ALT1	WB	AM														
397	2035	ALT1	WB	AM														
398	2035	ALT1	WB	AM														
399	2035	ALT1	WB	AM														
400	2035	ALT1	WB	AM														
401	2035	ALT1	WB	AM														
402	2035	ALT1	WB	AM														
403	2035	ALT1	WB	AM														
404	2035	ALT1	WB	AM														
405	2035	ALT1	WB	AM														
406	2035	ALT1	WB	AM														
407	2035	ALT1	WB	AM														
408	2035	ALT1	WB	AM														
409	2035	ALT1	WB	AM														
410	2035	ALT1	WB	AM														
411	2035	ALT1	WB	AM														
412	2035	ALT1	WB	AM														
413	2035	ALT1	WB	AM														
414	2035	ALT1	WB	AM														
415	2035	ALT1	WB	AM														
416	2035	ALT1	WB	AM														
417	2035	ALT1	WB	AM														
418	2035	ALT1	WB	AM														
419	2035	ALT1	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.3353	0.0988
420	2035	ALT1	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2354	0.0694
421	2035	ALT1	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2262	0.0667
422	2035	ALT1	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2373	0.0697
423	2035	ALT1	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.4574	0.1343
424	2035	ALT1	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1118	0.0328
425	2035	ALT1	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2643	0.0776
426	2035	ALT1	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1386	0.0406
427	2035	ALT1	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2650	0.0777
428	2035	ALT1	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2828	0.0830
429	2035	ALT1	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1887	0.0554
430	2035	ALT1	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3219	0.0945
431	2035	ALT1	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2901	0.0852
432	2035	ALT1	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3415	0.1003
433	2035	ALT1	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2637	0.0774
434	2035	ALT1	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2218	0.0651
435	2035	ALT1	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4998	0.1473
436	2035	ALT1	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.0480	0.0141
437	2035	ALT1	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5316	0.1566
216	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.3948	1.4357
217	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.0535	2.6943
218	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.2418	2.1315
219	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	13.6507	3.1362
220	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.3957	1.7132
221	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.7525	1.5559
222	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.4498	1.7299
223	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.5712	0.8292
224	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.6015	0.8594
225	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2930	0.5458
226	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.0012	2.3744
227	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.6575	0.8745
228	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.0273	0.4877
229	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	13.8377	3.3207
230	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.3327	0.8002
231	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.6113	0.8641
232	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.7606	0.9019
233	2035	ALT1	WB	MD	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	13.2889	3.1526
234	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0807	0.4981
235	2035	ALT1	WB	MD	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	8.4450	2.0072

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
236	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.3342	1.2760
237	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.8986	1.8994
238	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.5073	0.6040
239	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2270	0.5367
240	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.7256	0.6607
241	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	10.1471	2.4467
242	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.6876	0.1666
243	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.7597	2.1088
244	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2902	0.3116
245	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.3087	1.9969
246	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.2253	1.5026
247	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.3912	2.0185
248	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.5092	0.6049
249	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.9515	1.9115
250	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.8974	3.1061
251	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.3371	2.4848
252	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.1541	1.9635
253	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.8391	1.4061
254	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.6285	1.3554
255	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	10.1706	2.4273
256	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.0894	1.4600
257	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.9553	1.8994
258	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.7980	1.6315
259	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.8697	2.3680
260	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.6517	1.5957
261	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.4528	2.0284
262	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	22.3658	5.3460
263	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	11.2780	2.6977
264	2035	ALT1	WB	MD	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.6304	1.0943
265	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.4385	0.5781
266	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.6680	2.0330
267	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.6602	0.6211
268	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.4573	0.1071
269	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	11.8880	2.7742
270	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.4867	1.2792
271	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.4242	1.6919
272	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.4298	1.2383
273	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.4071	1.2358
274	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.2296	1.4212
275	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.3205	2.3453
276	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.8742	0.6542
277	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.3978	1.4472
278	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.5650	0.8065
279	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.0586	1.6025
280	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.9398	1.5646
281	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.1238	1.1626
282	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.3944	1.6700
283	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.8942	1.5609
284	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.5451	1.9455
285	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.0609	1.3746
286	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.3877	1.2283
287	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.4828	2.1441
288	2035	ALT1	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.9753	0.2224
289	2035	ALT1	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	10.3197	2.3447
290	2035	ALT1	WB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2797	0.0692
291	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2306	0.0582
292	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0940	0.0237
293	2035	ALT1	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3048	0.0841
294	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2049	0.0511
295	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2391	0.0635
296	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1468	0.0367
297	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	6.9384	1.4770
298	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0270	0.0070
299	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1460	0.0367
300	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.3518	0.3374
301	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3573	0.0915

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
302	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0866	0.0215
303	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1600	0.0378
304	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1399	0.0356
305	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2972	0.0710
306	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1460	0.0388
307	2035	ALT1	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1548	0.0429
308	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2386	0.0595
309	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1714	0.0428
310	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.4977	0.3481
311	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2720	0.0695
312	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1133	0.0277
313	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.1982	0.2892
314	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1959	0.0507
315	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2558	0.0643
316	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1693	0.0444
317	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1743	0.0429
318	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1228	0.0317
319	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2508	0.0632
320	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1649	0.0424
321	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2418	0.0631
322	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1539	0.0393
323	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5697	0.1345
324	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1282	0.0309
325	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.6110	0.1496
326	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2653	0.0663
327	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4021	0.1000
328	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1423	0.0358
329	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2363	0.0592
330	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1006	0.0243
331	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4897	0.1171
332	2035	ALT1	WB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1944	0.0450
333	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4602	0.1062
334	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2143	0.0494
335	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.7067	0.1578
336	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.5802	0.1332
337	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2637	0.0563
338	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2003	0.0415
339	2035	ALT1	WB	MD	0.049641446	0.11235669	0.071945858	1.171745577	0.020789242	0.060277886	0.010791879	0.175761837	0.121587304	1.284102267	0.031581121	0.236039722	0.9395	0.2253
340	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	3.2990	0.7286
341	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	2.3453	0.5421
342	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3665	0.0856
343	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2998	0.0698
344	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3012	0.0703
345	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0812	0.0191
346	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2180	0.0510
347	2035	ALT1	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2292	0.0640
348	2035	ALT1	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.7221	0.3862
349	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4664	0.1039
350	2035	ALT1	WB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3848	0.0927
351	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1984	0.0460
352	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1528	0.0401
353	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4312	0.1060
354	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.5567	0.1400
355	2035	ALT1	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2289	0.0561
356	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1741	0.0458
357	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4276	0.1120
358	2035	ALT1	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2616	0.0663
359	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2436	0.0628
360	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1933	0.0499
361	2035	ALT1	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1802	0.0502
362	2035	ALT1	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2186	0.0506
363	2035	ALT1	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3361	0.0902
364	2035	ALT1	WB	MD														
365	2035	ALT1	WB	MD														
366	2035	ALT1	WB	MD														
367	2035	ALT1	WB	MD														

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
368	2035	ALT1	WB	MD														
369	2035	ALT1	WB	MD														
370	2035	ALT1	WB	MD														
371	2035	ALT1	WB	MD														
372	2035	ALT1	WB	MD														
373	2035	ALT1	WB	MD														
374	2035	ALT1	WB	MD														
375	2035	ALT1	WB	MD														
376	2035	ALT1	WB	MD														
377	2035	ALT1	WB	MD														
378	2035	ALT1	WB	MD														
379	2035	ALT1	WB	MD														
380	2035	ALT1	WB	MD														
381	2035	ALT1	WB	MD														
382	2035	ALT1	WB	MD														
383	2035	ALT1	WB	MD														
384	2035	ALT1	WB	MD														
385	2035	ALT1	WB	MD														
386	2035	ALT1	WB	MD														
387	2035	ALT1	WB	MD														
388	2035	ALT1	WB	MD														
389	2035	ALT1	WB	MD														
390	2035	ALT1	WB	MD														
391	2035	ALT1	WB	MD														
392	2035	ALT1	WB	MD														
393	2035	ALT1	WB	MD														
394	2035	ALT1	WB	MD														
395	2035	ALT1	WB	MD														
396	2035	ALT1	WB	MD														
397	2035	ALT1	WB	MD														
398	2035	ALT1	WB	MD														
399	2035	ALT1	WB	MD														
400	2035	ALT1	WB	MD														
401	2035	ALT1	WB	MD														
402	2035	ALT1	WB	MD														
403	2035	ALT1	WB	MD														
404	2035	ALT1	WB	MD														
405	2035	ALT1	WB	MD														
406	2035	ALT1	WB	MD														
407	2035	ALT1	WB	MD														
408	2035	ALT1	WB	MD														
409	2035	ALT1	WB	MD														
410	2035	ALT1	WB	MD														
411	2035	ALT1	WB	MD														
412	2035	ALT1	WB	MD														
413	2035	ALT1	WB	MD														
414	2035	ALT1	WB	MD														
415	2035	ALT1	WB	MD														
416	2035	ALT1	WB	MD														
417	2035	ALT1	WB	MD														
418	2035	ALT1	WB	MD														
419	2035	ALT1	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.8150	0.2417
420	2035	ALT1	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.5720	0.1696
421	2035	ALT1	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.5484	0.1626
422	2035	ALT1	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5644	0.1663
423	2035	ALT1	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	1.0882	0.3207
424	2035	ALT1	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2662	0.0784
425	2035	ALT1	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6290	0.1854
426	2035	ALT1	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3098	0.0910
427	2035	ALT1	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5924	0.1740
428	2035	ALT1	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.6325	0.1857
429	2035	ALT1	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.4216	0.1238
430	2035	ALT1	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.7174	0.2114
431	2035	ALT1	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6466	0.1905
432	2035	ALT1	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.7615	0.2244
433	2035	ALT1	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5878	0.1732

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
434	2035	ALT1	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4941	0.1456
435	2035	ALT1	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	1.0978	0.3256
436	2035	ALT1	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.1053	0.0312
437	2035	ALT1	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	1.1675	0.3462
216	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.1513	0.9486
217	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.7524	1.7624
218	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.1193	1.4373
219	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	9.0177	2.1095
220	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.8891	1.1502
221	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.4541	1.0444
222	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.9595	1.1708
223	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.3923	0.5659
224	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.1652	0.5291
225	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.3879	0.3387
226	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.9967	1.4616
227	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2891	0.5617
228	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2919	0.3191
229	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.7825	2.1614
230	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2121	0.5477
231	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.3934	0.5902
232	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.5677	0.6350
233	2035	ALT1	WB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	9.1540	2.2496
234	2035	ALT1	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	1.4469	0.3568
235	2035	ALT1	WB	PM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	5.9174	1.4658
236	2035	ALT1	WB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	3.7870	0.9359
237	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.2015	1.5342
238	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.9944	0.4948
239	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.7587	0.4347
240	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.1798	0.5414
241	2035	ALT1	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	8.1442	2.0151
242	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	0.5519	0.1370
243	2035	ALT1	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	7.0661	1.7466
244	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.0419	0.2581
245	2035	ALT1	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.6757	1.6481
246	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.0132	1.2416
247	2035	ALT1	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.7606	1.6677
248	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0171	0.5007
249	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.4743	1.6046
250	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	10.3443	2.5587
251	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	8.0773	1.9931
252	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.3469	1.5676
253	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.5463	1.1228
254	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.3834	1.0825
255	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.6517	1.8768
256	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.5509	1.1232
257	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.8122	1.4239
258	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.9589	1.2256
259	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.1045	1.7539
260	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.7268	1.1676
261	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.8924	1.4518
262	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	15.2721	3.7655
263	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.6900	1.9020
264	2035	ALT1	WB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	3.1528	0.7753
265	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.6677	0.4104
266	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.7397	1.4167
267	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.6492	0.4068
268	2035	ALT1	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.2846	0.0708
269	2035	ALT1	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	7.4564	1.8486
270	2035	ALT1	WB	PM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	3.4391	0.8569
271	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.4711	1.0961
272	2035	ALT1	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.3573	0.8232
273	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.3532	0.8251
274	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.8343	0.9424
275	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.2778	1.5587
276	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.7606	0.4397
277	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.7611	0.9365

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
278	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0992	0.5218
279	2035	ALT1	WB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	4.2316	1.0499
280	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.9740	0.9811
281	2035	ALT1	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.9939	0.7393
282	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.2070	1.0361
283	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.9718	0.9803
284	2035	ALT1	WB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	4.9798	1.2311
285	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.4476	0.8553
286	2035	ALT1	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.1095	0.7716
287	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.3606	1.3326
288	2035	ALT1	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.5610	0.1405
289	2035	ALT1	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.7497	1.4354
290	2035	ALT1	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2331	0.0581
291	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1574	0.0401
292	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0698	0.0177
293	2035	ALT1	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2058	0.0573
294	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1475	0.0379
295	2035	ALT1	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1888	0.0541
296	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1120	0.0285
297	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	5.5697	1.2375
298	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0136	0.0034
299	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1137	0.0280
300	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.2135	0.3034
301	2035	ALT1	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2520	0.0702
302	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0583	0.0145
303	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1650	0.0422
304	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0933	0.0238
305	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2572	0.0672
306	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0756	0.0195
307	2035	ALT1	WB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1313	0.0410
308	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1505	0.0380
309	2035	ALT1	WB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1575	0.0468
310	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.9040	0.2269
311	2035	ALT1	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2677	0.0755
312	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0568	0.0140
313	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.0180	0.2524
314	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1480	0.0391
315	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2063	0.0530
316	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1212	0.0323
317	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1470	0.0387
318	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1161	0.0302
319	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2130	0.0551
320	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1320	0.0358
321	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1729	0.0458
322	2035	ALT1	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1083	0.0299
323	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4054	0.0997
324	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1464	0.0368
325	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4619	0.1201
326	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2163	0.0570
327	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2157	0.0554
328	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1275	0.0328
329	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1551	0.0403
330	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1038	0.0264
331	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3441	0.0845
332	2035	ALT1	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1899	0.0461
333	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2727	0.0658
334	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1794	0.0430
335	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4151	0.1012
336	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4061	0.0926
337	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1731	0.0413
338	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1721	0.0411
339	2035	ALT1	WB	PM	0.049790298	0.109834892	0.071945858	1.171745577	0.020927273	0.057957906	0.010791879	0.175761837	0.121736156	1.281580469	0.031719152	0.233719743	0.7503	0.1756
340	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.5792	0.3790
341	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	1.5345	0.3920
342	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2053	0.0470
343	2035	ALT1	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1836	0.0496

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
344	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1985	0.0477
345	2035	ALT1	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0835	0.0231
346	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1402	0.0373
347	2035	ALT1	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1483	0.0422
348	2035	ALT1	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.1490	0.2675
349	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3052	0.0828
350	2035	ALT1	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3922	0.0981
351	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1207	0.0301
352	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1388	0.0363
353	2035	ALT1	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3935	0.1029
354	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3857	0.1009
355	2035	ALT1	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1919	0.0540
356	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1334	0.0362
357	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3060	0.0817
358	2035	ALT1	WB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1987	0.0552
359	2035	ALT1	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1816	0.0506
360	2035	ALT1	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1605	0.0427
361	2035	ALT1	WB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1327	0.0411
362	2035	ALT1	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2129	0.0549
363	2035	ALT1	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2721	0.0794
364	2035	ALT1	WB	PM														
365	2035	ALT1	WB	PM														
366	2035	ALT1	WB	PM														
367	2035	ALT1	WB	PM														
368	2035	ALT1	WB	PM														
369	2035	ALT1	WB	PM														
370	2035	ALT1	WB	PM														
371	2035	ALT1	WB	PM														
372	2035	ALT1	WB	PM														
373	2035	ALT1	WB	PM														
374	2035	ALT1	WB	PM														
375	2035	ALT1	WB	PM														
376	2035	ALT1	WB	PM														
377	2035	ALT1	WB	PM														
378	2035	ALT1	WB	PM														
379	2035	ALT1	WB	PM														
380	2035	ALT1	WB	PM														
381	2035	ALT1	WB	PM														
382	2035	ALT1	WB	PM														
383	2035	ALT1	WB	PM														
384	2035	ALT1	WB	PM														
385	2035	ALT1	WB	PM														
386	2035	ALT1	WB	PM														
387	2035	ALT1	WB	PM														
388	2035	ALT1	WB	PM														
389	2035	ALT1	WB	PM														
390	2035	ALT1	WB	PM														
391	2035	ALT1	WB	PM														
392	2035	ALT1	WB	PM														
393	2035	ALT1	WB	PM														
394	2035	ALT1	WB	PM														
395	2035	ALT1	WB	PM														
396	2035	ALT1	WB	PM														
397	2035	ALT1	WB	PM														
398	2035	ALT1	WB	PM														
399	2035	ALT1	WB	PM														
400	2035	ALT1	WB	PM														
401	2035	ALT1	WB	PM														
402	2035	ALT1	WB	PM														
403	2035	ALT1	WB	PM														
404	2035	ALT1	WB	PM														
405	2035	ALT1	WB	PM														
406	2035	ALT1	WB	PM														
407	2035	ALT1	WB	PM														
408	2035	ALT1	WB	PM														
409	2035	ALT1	WB	PM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
410	2035	ALT1	WB	PM														
411	2035	ALT1	WB	PM														
412	2035	ALT1	WB	PM														
413	2035	ALT1	WB	PM														
414	2035	ALT1	WB	PM														
415	2035	ALT1	WB	PM														
416	2035	ALT1	WB	PM														
417	2035	ALT1	WB	PM														
418	2035	ALT1	WB	PM														
419	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.6406	0.1919
420	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.4498	0.1348
421	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.4287	0.1285
422	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.4655	0.1395
423	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.8975	0.2689
424	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.2195	0.0658
425	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.5186	0.1554
426	2035	ALT1	WB	PM	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.2623	0.0778
427	2035	ALT1	WB	PM	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.5015	0.1487
428	2035	ALT1	WB	PM	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.5354	0.1588
429	2035	ALT1	WB	PM	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.3571	0.1059
430	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.6131	0.1837
431	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.5525	0.1656
432	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.6507	0.1950
433	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.5023	0.1505
434	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.4223	0.1265
435	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.8607	0.2579
436	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.0825	0.0247
437	2035	ALT1	WB	PM	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.9155	0.2743
216	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.4634	1.1592
217	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.4240	2.2036
218	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.3429	1.5897
219	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.9157	2.3584
220	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.8878	1.2838
221	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.4252	1.1784
222	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.9402	1.2998
223	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.7857	0.6104
224	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.7066	0.8109
225	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4001	0.5241
226	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.6398	2.3192
227	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.7187	0.8165
228	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.0109	0.4470
229	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	14.0132	3.1091
230	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.3299	0.7415
231	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.7037	0.8212
232	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.6959	0.8230
233	2035	ALT1	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	13.3178	2.9505
234	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.0818	0.4655
235	2035	ALT1	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.5828	1.9093
236	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.2929	1.1825
237	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.7879	1.9391
238	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.7293	0.6043
239	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4002	0.5318
240	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.7596	0.6174
241	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.5896	2.3623
242	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.6996	0.1566
243	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.0039	2.0053
244	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.3210	0.2948
245	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.6546	1.9279
246	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.3460	1.4177
247	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.7179	1.9381
248	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.5803	0.5758
249	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.4044	1.8655
250	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	13.0871	2.9187
251	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.7586	2.3902
252	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.1959	1.8271
253	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.8690	1.3084

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
254	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.6588	1.2615
255	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.4966	2.3202
256	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.1285	1.3593
257	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.1649	1.8037
258	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.7128	1.4889
259	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.8231	2.1743
260	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.4912	1.4403
261	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.4736	1.8743
262	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	21.7801	4.8192
263	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	11.1647	2.4680
264	2035	ALT1	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.5591	1.0028
265	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.3511	0.5182
266	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.4184	1.8323
267	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.6215	0.5705
268	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.4447	0.0974
269	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	12.0233	2.6314
270	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.5153	1.2076
271	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.0715	1.7325
272	2035	ALT1	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.8503	1.2548
273	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.7611	1.2403
274	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.6409	1.4254
275	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	11.5077	2.4578
276	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.0737	0.6630
277	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.0069	1.5036
278	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.8314	0.8216
279	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.5645	1.6287
280	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.6916	1.6429
281	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.4848	1.1810
282	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.0731	1.7256
283	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.4539	1.5979
284	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.0929	1.9601
285	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.6672	1.4280
286	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.8333	1.2568
287	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.6963	2.2903
288	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.0706	0.2306
289	2035	ALT1	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	11.5985	2.4926
290	2035	ALT1	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1424	0.0348
291	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1102	0.0270
292	2035	ALT1	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0475	0.0118
293	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2221	0.0550
294	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1256	0.0299
295	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1650	0.0412
296	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0503	0.0117
297	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	2.1496	0.4523
298	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0115	0.0028
299	2035	ALT1	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0682	0.0163
300	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.7144	0.1744
301	2035	ALT1	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3030	0.0703
302	2035	ALT1	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0382	0.0091
303	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1317	0.0297
304	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0821	0.0196
305	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1863	0.0420
306	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0695	0.0172
307	2035	ALT1	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1495	0.0380
308	2035	ALT1	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1675	0.0388
309	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1066	0.0243
310	2035	ALT1	WB	NT	0.049641446	0.11235669	0.071945858	1.171745577	0.020789242	0.060277886	0.010791879	0.175761837	0.121587304	1.284102267	0.031581121	0.236039722	1.2175	0.2649
311	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1952	0.0461
312	2035	ALT1	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0504	0.0118
313	2035	ALT1	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.8341	0.1908
314	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0835	0.0204
315	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1545	0.0377
316	2035	ALT1	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1343	0.0333
317	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1567	0.0368
318	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0498	0.0125
319	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1496	0.0364

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
320	2035	ALT1	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1144	0.0280
321	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1882	0.0462
322	2035	ALT1	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1081	0.0253
323	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3836	0.0869
324	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0778	0.0185
325	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3810	0.0888
326	2035	ALT1	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1915	0.0470
327	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3317	0.0760
328	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0957	0.0234
329	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1382	0.0335
330	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0677	0.0160
331	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2962	0.0673
332	2035	ALT1	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1511	0.0341
333	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3358	0.0743
334	2035	ALT1	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1525	0.0336
335	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5531	0.1167
336	2035	ALT1	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.4139	0.0887
337	2035	ALT1	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2344	0.0469
338	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0550	0.0110
339	2035	ALT1	WB	NT	0.049641446	0.11235669	0.071945858	1.171745577	0.020789242	0.060277886	0.010791879	0.175761837	0.121587304	1.284102267	0.031581121	0.236039722	0.8776	0.1961
340	2035	ALT1	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	3.4065	0.7010
341	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	2.0907	0.4668
342	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1970	0.0418
343	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2705	0.0579
344	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1901	0.0409
345	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0684	0.0149
346	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1782	0.0396
347	2035	ALT1	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1989	0.0487
348	2035	ALT1	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	1.3252	0.2813
349	2035	ALT1	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3442	0.0797
350	2035	ALT1	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2492	0.0587
351	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1521	0.0319
352	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1492	0.0358
353	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2753	0.0662
354	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3950	0.0936
355	2035	ALT1	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1518	0.0358
356	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1321	0.0313
357	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3103	0.0769
358	2035	ALT1	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1665	0.0391
359	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1897	0.0464
360	2035	ALT1	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1260	0.0294
361	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1223	0.0294
362	2035	ALT1	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1271	0.0285
363	2035	ALT1	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2277	0.0563
364	2035	ALT1	WB	NT														
365	2035	ALT1	WB	NT														
366	2035	ALT1	WB	NT														
367	2035	ALT1	WB	NT														
368	2035	ALT1	WB	NT														
369	2035	ALT1	WB	NT														
370	2035	ALT1	WB	NT														
371	2035	ALT1	WB	NT														
372	2035	ALT1	WB	NT														
373	2035	ALT1	WB	NT														
374	2035	ALT1	WB	NT														
375	2035	ALT1	WB	NT														
376	2035	ALT1	WB	NT														
377	2035	ALT1	WB	NT														
378	2035	ALT1	WB	NT														
379	2035	ALT1	WB	NT														
380	2035	ALT1	WB	NT														
381	2035	ALT1	WB	NT														
382	2035	ALT1	WB	NT														
383	2035	ALT1	WB	NT														
384	2035	ALT1	WB	NT														
385	2035	ALT1	WB	NT														

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
386	2035	ALT1	WB	NT														
387	2035	ALT1	WB	NT														
388	2035	ALT1	WB	NT														
389	2035	ALT1	WB	NT														
390	2035	ALT1	WB	NT														
391	2035	ALT1	WB	NT														
392	2035	ALT1	WB	NT														
393	2035	ALT1	WB	NT														
394	2035	ALT1	WB	NT														
395	2035	ALT1	WB	NT														
396	2035	ALT1	WB	NT														
397	2035	ALT1	WB	NT														
398	2035	ALT1	WB	NT														
399	2035	ALT1	WB	NT														
400	2035	ALT1	WB	NT														
401	2035	ALT1	WB	NT														
402	2035	ALT1	WB	NT														
403	2035	ALT1	WB	NT														
404	2035	ALT1	WB	NT														
405	2035	ALT1	WB	NT														
406	2035	ALT1	WB	NT														
407	2035	ALT1	WB	NT														
408	2035	ALT1	WB	NT														
409	2035	ALT1	WB	NT														
410	2035	ALT1	WB	NT														
411	2035	ALT1	WB	NT														
412	2035	ALT1	WB	NT														
413	2035	ALT1	WB	NT														
414	2035	ALT1	WB	NT														
415	2035	ALT1	WB	NT														
416	2035	ALT1	WB	NT														
417	2035	ALT1	WB	NT														
418	2035	ALT1	WB	NT														
419	2035	ALT1	WB	NT	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.5041	0.1480
420	2035	ALT1	WB	NT	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3538	0.1039
421	2035	ALT1	WB	NT	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3428	0.1007
422	2035	ALT1	WB	NT	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3589	0.1054
423	2035	ALT1	WB	NT	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.6921	0.2032
424	2035	ALT1	WB	NT	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1693	0.0497
425	2035	ALT1	WB	NT	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4001	0.1175
426	2035	ALT1	WB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1926	0.0567
427	2035	ALT1	WB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3681	0.1085
428	2035	ALT1	WB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3931	0.1158
429	2035	ALT1	WB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2621	0.0772
430	2035	ALT1	WB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4809	0.1417
431	2035	ALT1	WB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4335	0.1277
432	2035	ALT1	WB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5104	0.1504
433	2035	ALT1	WB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3939	0.1161
434	2035	ALT1	WB	NT	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3312	0.0976
435	2035	ALT1	WB	NT	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.6767	0.1987
436	2035	ALT1	WB	NT	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0649	0.0191
437	2035	ALT1	WB	NT	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.7199	0.2114
1	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.4054	0.5641
2	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.0031	1.4008
3	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.2811	0.0661
4	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.1694	1.2074
5	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.9918	0.4672
6	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0721	0.7166
7	2035	ALT2	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.6211	1.0781
8	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.8121	1.3559
9	2035	ALT2	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.9315	1.1514
10	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.4594	0.3388
11	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0995	0.7277
12	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.1213	0.4975
13	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.8806	0.4471
14	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.8751	0.6837

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
15	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.8346	0.9110
16	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.2561	0.5364
17	2035	ALT2	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.6704	0.8613
18	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.8756	0.6805
19	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.1221	0.5022
20	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.3506	1.0259
21	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.4706	0.1111
22	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.8135	0.4319
23	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.8555	0.4396
24	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.6740	0.3988
25	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.0970	0.2615
26	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.0114	2.1531
27	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.8392	1.6334
28	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.8035	0.9102
29	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.5539	0.6138
30	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.3141	1.0383
31	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.2424	0.7824
32	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.6722	0.8848
33	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.4322	0.8301
34	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.2265	1.0184
35	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2514	0.5464
36	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.6971	0.6546
37	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.6314	0.8814
38	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.5296	1.3484
39	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.5571	1.3598
40	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.5663	0.8692
41	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.3626	0.3334
42	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.2025	1.0257
43	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.7298	0.4231
44	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.7367	0.6693
45	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2178	0.2983
46	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.3849	0.8283
47	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.1848	0.0453
48	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.7804	0.9247
49	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.3087	0.0756
50	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.8811	1.1914
51	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.8296	0.2028
52	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.2386	0.3025
53	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.9601	0.2331
54	2035	ALT2	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.1572	1.2424
55	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.3361	0.5647
56	2035	ALT2	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0644	0.7366
57	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.5937	0.3843
58	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.3955	1.2942
59	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.3176	0.3167
60	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.4185	1.2937
61	2035	ALT2	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.1587	0.2778
62	2035	ALT2	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.3162	0.5511
63	2035	ALT2	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.9118	0.2154
64	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.8154	0.6567
65	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.8963	0.2095
66	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.3729	0.0857
67	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.7255	0.6133
68	2035	ALT2	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.9449	0.4406
69	2035	ALT2	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.6972	1.0473
70	2035	ALT2	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.7464	0.6153
71	2035	ALT2	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.7078	0.8245
72	2035	ALT2	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.5115	0.7864
73	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1112	0.0294
74	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0780	0.0202
75	2035	ALT2	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0918	0.0263
76	2035	ALT2	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1277	0.0351
77	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1048	0.0275
78	2035	ALT2	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0972	0.0269
79	2035	ALT2	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1146	0.0318
80	2035	ALT2	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2367	0.0665

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
81	2035	ALT2	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3377	0.0836
82	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2509	0.0677
83	2035	ALT2	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0825	0.0192
84	2035	ALT2	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1262	0.0322
85	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4121	0.0942
86	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3026	0.0706
87	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0717	0.0181
88	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2022	0.0524
89	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0372	0.0095
90	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0781	0.0165
91	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2473	0.0596
92	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1045	0.0244
93	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.8901	0.4095
94	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.8024	0.1954
95	2035	ALT2	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2140	0.0559
96	2035	ALT2	EB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0914	0.0221
97	2035	ALT2	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1635	0.0370
98	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1096	0.0238
99	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2590	0.0589
100	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3123	0.0749
101	2035	ALT2	EB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1328	0.0298
102	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1419	0.0347
103	2035	ALT2	EB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0565	0.0134
104	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1592	0.0414
105	2035	ALT2	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0894	0.0220
106	2035	ALT2	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0225	0.0064
107	2035	ALT2	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1520	0.0354
108	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1587	0.0432
109	2035	ALT2	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1566	0.0374
110	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2062	0.0532
111	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1099	0.0270
112	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2142	0.0544
113	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1571	0.0398
114	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1312	0.0353
115	2035	ALT2	EB	AM														
116	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0490	0.0129
117	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1090	0.0271
118	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0562	0.0146
119	2035	ALT2	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1555	0.0388
120	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0639	0.0168
121	2035	ALT2	EB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3153	0.0751
122	2035	ALT2	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	2.2979	0.5509
123	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.6616	0.3965
124	2035	ALT2	EB	AM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.0784	0.0247
125	2035	ALT2	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1856	0.0509
126	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0371	0.0091
127	2035	ALT2	EB	AM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.2047	0.0621
128	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0100	0.0025
129	2035	ALT2	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2848	0.0774
130	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0902	0.0217
131	2035	ALT2	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3869	0.1071
132	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0667	0.0160
133	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3271	0.0868
134	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.6881	0.1656
135	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2994	0.0764
136	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0174	0.0043
137	2035	ALT2	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	3.3473	0.7213
138	2035	ALT2	EB	AM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.0825	0.0248
139	2035	ALT2	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0701	0.0177
140	2035	ALT2	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1981	0.0521
141	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0340	0.0085
142	2035	ALT2	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1405	0.0363
143	2035	ALT2	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1019	0.0258
144	2035	ALT2	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1842	0.0540
145	2035	ALT2	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4863	0.1426
146	2035	ALT2	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0211	0.0062

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
147	2035	ALT2	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4112	0.1206
148	2035	ALT2	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1496	0.0439
149	2035	ALT2	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2466	0.0723
150	2035	ALT2	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2804	0.0822
151	2035	ALT2	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3786	0.1111
152	2035	ALT2	EB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3004	0.0881
153	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1235	0.0363
154	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2363	0.0694
155	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1757	0.0516
156	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1382	0.0406
157	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2431	0.0714
158	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2801	0.0823
159	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1603	0.0471
160	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2987	0.0877
161	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1153	0.0339
162	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0827	0.0243
163	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1960	0.0575
164	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0197	0.0058
165	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0917	0.0269
166	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1132	0.0333
167	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0801	0.0235
168	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0520	0.0153
169	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4726	0.1388
170	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3415	0.1003
171	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1068	0.0315
172	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0625	0.0184
173	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1109	0.0327
174	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0785	0.0231
175	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0939	0.0277
176	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0822	0.0242
177	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1118	0.0329
178	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0541	0.0160
179	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0650	0.0192
180	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0876	0.0258
181	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2236	0.0657
182	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2095	0.0615
183	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1519	0.0446
184	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0526	0.0155
185	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1736	0.0510
186	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0686	0.0201
187	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1085	0.0319
188	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0473	0.0139
189	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1394	0.0409
190	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0074	0.0022
191	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1669	0.0492
192	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0133	0.0039
193	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2594	0.0764
194	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0301	0.0089
195	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0357	0.0105
196	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0299	0.0088
197	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1739	0.0512
198	2035	ALT2	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0777	0.0229
199	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1831	0.0538
200	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0942	0.0277
201	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3579	0.1051
202	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0831	0.0244
203	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3811	0.1119
204	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0823	0.0242
205	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1837	0.0539
206	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0827	0.0243
207	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3016	0.0886
208	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0930	0.0273
209	2035	ALT2	EB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0238	0.0070
210	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2922	0.0858
211	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2017	0.0592
212	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5397	0.1585

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
213	2035	ALT2	EB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3106	0.0912
214	2035	ALT2	EB	AM														
215	2035	ALT2	EB	AM														
1	2035	ALT2	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.2234	1.1762
2	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	13.0862	2.9337
3	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.6288	0.1431
4	2035	ALT2	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	11.6129	2.6155
5	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.3392	0.9792
6	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.6837	1.4976
7	2035	ALT2	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	9.9709	2.2444
8	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.5283	2.8040
9	2035	ALT2	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	10.8744	2.4606
10	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.2066	0.7159
11	2035	ALT2	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.6209	1.4885
12	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.5082	1.0116
13	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.9320	0.8943
14	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.0663	1.3806
15	2035	ALT2	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.1779	1.8664
16	2035	ALT2	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.8260	1.1026
17	2035	ALT2	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.9379	1.7964
18	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.2029	1.4096
19	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.6489	1.0559
20	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.7055	2.1998
21	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.0504	0.2392
22	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.8439	0.8825
23	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.9313	0.9009
24	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.5277	0.8137
25	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.3403	0.5404
26	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	19.3945	4.4977
27	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	14.6734	3.3988
28	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.1048	1.8806
29	2035	ALT2	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.3516	1.2491
30	2035	ALT2	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.9353	2.0868
31	2035	ALT2	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.6016	1.5431
32	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.4038	1.7190
33	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.8423	1.5941
34	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.3666	1.9384
35	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.3817	1.0224
36	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.2511	1.2253
37	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.0719	1.6501
38	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.3464	2.4140
39	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.2363	2.3952
40	2035	ALT2	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.6394	1.5528
41	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.5263	0.5917
42	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.7944	1.8179
43	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.2207	0.7540
44	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.0944	1.1925
45	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2620	0.5303
46	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.2406	1.4607
47	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.3431	0.0805
48	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.0173	1.6430
49	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.5851	0.1376
50	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.6504	2.2620
51	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.6916	0.3982
52	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.5788	0.6089
53	2035	ALT2	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0129	0.4712
54	2035	ALT2	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	10.9834	2.5644
55	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.9778	1.1620
56	2035	ALT2	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.5559	1.5191
57	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.4637	0.8069
58	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	11.9020	2.7637
59	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.9701	0.6934
60	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.4816	2.9065
61	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.7172	0.6353
62	2035	ALT2	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.5730	1.3008
63	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.1984	0.5078

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
64	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.0324	1.6169
65	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2930	0.5305
66	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.9002	0.2039
67	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.7040	1.4895
68	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.7847	1.0677
69	2035	ALT2	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	11.7802	2.6012
70	2035	ALT2	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.9320	1.5396
71	2035	ALT2	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.4540	2.0865
72	2035	ALT2	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.9477	1.9905
73	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2216	0.0556
74	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1368	0.0336
75	2035	ALT2	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1836	0.0522
76	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2464	0.0639
77	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2275	0.0579
78	2035	ALT2	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1855	0.0489
79	2035	ALT2	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2454	0.0656
80	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4162	0.1059
81	2035	ALT2	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.7404	0.1787
82	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3950	0.1016
83	2035	ALT2	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1928	0.0437
84	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2005	0.0486
85	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.8086	0.1751
86	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.7143	0.1631
87	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1711	0.0413
88	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4085	0.1029
89	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0917	0.0221
90	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2769	0.0624
91	2035	ALT2	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4787	0.1069
92	2035	ALT2	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3032	0.0772
93	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	5.2939	1.1152
94	2035	ALT2	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.7091	0.3833
95	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4350	0.1045
96	2035	ALT2	EB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.4437	0.1035
97	2035	ALT2	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3202	0.0678
98	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3085	0.0677
99	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5792	0.1274
100	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5766	0.1318
101	2035	ALT2	EB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3439	0.0756
102	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2150	0.0494
103	2035	ALT2	EB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1328	0.0312
104	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2376	0.0588
105	2035	ALT2	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1918	0.0458
106	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0366	0.0096
107	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3875	0.0908
108	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2652	0.0698
109	2035	ALT2	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3321	0.0774
110	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3229	0.0796
111	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1888	0.0441
112	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3989	0.0978
113	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2885	0.0714
114	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2420	0.0637
115	2035	ALT2	EB	MD														
116	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0893	0.0230
117	2035	ALT2	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2219	0.0520
118	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1288	0.0330
119	2035	ALT2	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2833	0.0685
120	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1585	0.0409
121	2035	ALT2	EB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.4823	0.1102
122	2035	ALT2	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	4.9924	1.1537
123	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	3.7569	0.8629
124	2035	ALT2	EB	MD	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1483	0.0450
125	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3168	0.0794
126	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1147	0.0292
127	2035	ALT2	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3973	0.1067
128	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0474	0.0132
129	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.5273	0.1294

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
130	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2853	0.0694
131	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.6870	0.1637
132	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2729	0.0682
133	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.6011	0.1487
134	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.6161	0.3810
135	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.5777	0.1368
136	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0726	0.0195
137	2035	ALT2	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	7.3970	1.5398
138	2035	ALT2	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1588	0.0431
139	2035	ALT2	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1751	0.0442
140	2035	ALT2	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4047	0.1046
141	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1098	0.0272
142	2035	ALT2	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2841	0.0731
143	2035	ALT2	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2583	0.0660
144	2035	ALT2	EB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5051	0.1489
145	2035	ALT2	EB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	1.3335	0.3929
146	2035	ALT2	EB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.0576	0.0170
147	2035	ALT2	EB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	1.1276	0.3323
148	2035	ALT2	EB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4100	0.1208
149	2035	ALT2	EB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6760	0.1992
150	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.7367	0.2163
151	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.9945	0.2921
152	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.7889	0.2317
153	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2250	0.0661
154	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4304	0.1264
155	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3198	0.0939
156	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2517	0.0739
157	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4429	0.1301
158	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.5103	0.1498
159	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2920	0.0857
160	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.5443	0.1598
161	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1788	0.0527
162	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1284	0.0378
163	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3039	0.0895
164	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0304	0.0089
165	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1423	0.0419
166	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1757	0.0518
167	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1241	0.0366
168	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0806	0.0237
169	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7331	0.2160
170	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5297	0.1561
171	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3310	0.0975
172	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1938	0.0571
173	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3441	0.1014
174	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2436	0.0718
175	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2912	0.0858
176	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2547	0.0750
177	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3464	0.1021
178	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1682	0.0495
179	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2014	0.0593
180	2035	ALT2	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2713	0.0799
181	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5379	0.1580
182	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5041	0.1480
183	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3655	0.1073
184	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1265	0.0372
185	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.4181	0.1228
186	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1650	0.0485
187	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2611	0.0767
188	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1138	0.0334
189	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3354	0.0985
190	2035	ALT2	EB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0178	0.0052
191	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4382	0.1287
192	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0350	0.0103
193	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.6814	0.2001
194	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0792	0.0233
195	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0936	0.0275

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
196	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0786	0.0231
197	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4568	0.1342
198	2035	ALT2	EB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2044	0.0600
199	2035	ALT2	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4787	0.1404
200	2035	ALT2	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2464	0.0723
201	2035	ALT2	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.9365	0.2747
202	2035	ALT2	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2176	0.0638
203	2035	ALT2	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.9971	0.2925
204	2035	ALT2	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2122	0.0623
205	2035	ALT2	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4730	0.1387
206	2035	ALT2	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2135	0.0626
207	2035	ALT2	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.7771	0.2280
208	2035	ALT2	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2397	0.0703
209	2035	ALT2	EB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0612	0.0180
210	2035	ALT2	EB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.7613	0.2243
211	2035	ALT2	EB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5252	0.1548
212	2035	ALT2	EB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	1.4061	0.4143
213	2035	ALT2	EB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.8091	0.2384
214	2035	ALT2	EB	MD														
215	2035	ALT2	EB	MD														
1	2035	ALT2	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.0933	1.4957
2	2035	ALT2	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	18.4200	3.8741
3	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.8280	0.1759
4	2035	ALT2	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	15.5153	3.2624
5	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.7854	1.2224
6	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.1809	1.9268
7	2035	ALT2	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	13.2948	2.8010
8	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	17.0785	3.5757
9	2035	ALT2	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	14.1115	2.9743
10	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.4391	0.9256
11	2035	ALT2	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.7569	1.8330
12	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.2411	1.3058
13	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.1240	1.0814
14	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.3481	1.7458
15	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.6172	2.2402
16	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.1834	1.3073
17	2035	ALT2	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.7801	2.2589
18	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.2368	1.7310
19	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.0632	1.2757
20	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	13.5572	2.8451
21	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.4267	0.3008
22	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.8157	0.8278
23	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.0641	0.8786
24	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.3360	0.7293
25	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.1998	0.4815
26	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	18.7421	4.1147
27	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	13.9731	3.0661
28	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.8175	1.7044
29	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.9975	1.0952
30	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.6275	1.8907
31	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.2838	1.3786
32	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.1599	1.5624
33	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.4965	1.4228
34	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.1063	1.7618
35	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.1163	0.9006
36	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.9329	1.0792
37	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.6425	1.4533
38	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.8951	2.1472
39	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.5663	2.0828
40	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.5403	1.4174
41	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4167	0.5269
42	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.5486	1.6345
43	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.0727	0.6680
44	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.8599	1.0565
45	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.1439	0.4671
46	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.0070	1.3039

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
47	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.3242	0.0706
48	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.8012	1.4745
49	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.5551	0.1208
50	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.9361	2.1529
51	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.6076	0.3550
52	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4618	0.5463
53	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.8809	0.4149
54	2035	ALT2	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.8445	2.3853
55	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.9154	1.0824
56	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.4865	1.4189
57	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.3976	0.7458
58	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	12.1440	2.6555
59	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.9823	0.6569
60	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	12.9171	2.8411
61	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.7688	0.6113
62	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.7319	1.2587
63	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4084	0.5252
64	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.1067	1.7577
65	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.5933	0.5658
66	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.7959	0.1738
67	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.1890	1.3344
68	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.3891	0.9506
69	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.9178	2.3379
70	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.3569	1.3643
71	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.7059	1.8547
72	2035	ALT2	EB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.0972	1.7340
73	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0943	0.0221
74	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0734	0.0170
75	2035	ALT2	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1755	0.0432
76	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1831	0.0446
77	2035	ALT2	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1785	0.0428
78	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1360	0.0324
79	2035	ALT2	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2220	0.0525
80	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2836	0.0683
81	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5194	0.1224
82	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2161	0.0526
83	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1249	0.0260
84	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1112	0.0264
85	2035	ALT2	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.6305	0.1411
86	2035	ALT2	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.5911	0.1278
87	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1262	0.0292
88	2035	ALT2	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2792	0.0632
89	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0672	0.0151
90	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2118	0.0452
91	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2930	0.0611
92	2035	ALT2	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2576	0.0589
93	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	14.2562	2.7188
94	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.3574	0.2860
95	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2637	0.0589
96	2035	ALT2	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3107	0.0698
97	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2165	0.0427
98	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1960	0.0408
99	2035	ALT2	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.5155	0.1112
100	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4049	0.0895
101	2035	ALT2	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1526	0.0316
102	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1385	0.0303
103	2035	ALT2	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0975	0.0226
104	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1504	0.0358
105	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1478	0.0337
106	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0199	0.0049
107	2035	ALT2	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3199	0.0722
108	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1585	0.0394
109	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2465	0.0553
110	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1733	0.0416
111	2035	ALT2	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0944	0.0211
112	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2617	0.0615

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
113	2035	ALT2	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2250	0.0533
114	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1517	0.0372
115	2035	ALT2	EB	PM														
116	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0579	0.0149
117	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1636	0.0365
118	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0731	0.0180
119	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1613	0.0382
120	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0788	0.0196
121	2035	ALT2	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2433	0.0524
122	2035	ALT2	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	3.9580	0.8703
123	2035	ALT2	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	3.6453	0.7804
124	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1746	0.0404
125	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0272	0.0063
126	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0859	0.0207
127	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3819	0.0898
128	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0311	0.0083
129	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3138	0.0698
130	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2220	0.0533
131	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4529	0.0975
132	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1849	0.0454
133	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5318	0.1205
134	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.9117	0.2104
135	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3954	0.0881
136	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0546	0.0140
137	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	3.1248	0.6505
138	2035	ALT2	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1042	0.0245
139	2035	ALT2	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1321	0.0331
140	2035	ALT2	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3197	0.0777
141	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0629	0.0157
142	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1810	0.0455
143	2035	ALT2	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1376	0.0345
144	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2871	0.0846
145	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7582	0.2234
146	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0328	0.0097
147	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6411	0.1889
148	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2332	0.0687
149	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3843	0.1132
150	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3968	0.1169
151	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5357	0.1578
152	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4249	0.1252
153	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1290	0.0380
154	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2469	0.0727
155	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1835	0.0541
156	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1444	0.0425
157	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2541	0.0749
158	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2926	0.0862
159	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1675	0.0494
160	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3121	0.0920
161	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1096	0.0325
162	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0785	0.0233
163	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1861	0.0551
164	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0187	0.0055
165	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0872	0.0258
166	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1075	0.0319
167	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0761	0.0225
168	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0493	0.0146
169	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4489	0.1330
170	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3243	0.0961
171	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1791	0.0531
172	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1049	0.0311
173	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1863	0.0552
174	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1318	0.0391
175	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1575	0.0467
176	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1378	0.0408
177	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1875	0.0556
178	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0909	0.0269

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
179	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1090	0.0323
180	2035	ALT2	EB	PM	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1468	0.0435
181	2035	ALT2	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3075	0.0903
182	2035	ALT2	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2883	0.0847
183	2035	ALT2	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2091	0.0614
184	2035	ALT2	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0723	0.0212
185	2035	ALT2	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2392	0.0702
186	2035	ALT2	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0944	0.0277
187	2035	ALT2	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1493	0.0438
188	2035	ALT2	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0651	0.0191
189	2035	ALT2	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1919	0.0563
190	2035	ALT2	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0102	0.0030
191	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2512	0.0740
192	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0201	0.0059
193	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3907	0.1151
194	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0455	0.0134
195	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0537	0.0158
196	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0451	0.0133
197	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2621	0.0772
198	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1173	0.0346
199	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2814	0.0829
200	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1448	0.0427
201	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5504	0.1622
202	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1278	0.0376
203	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5859	0.1726
204	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1288	0.0379
205	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2869	0.0845
206	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1294	0.0381
207	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4713	0.1388
208	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1454	0.0428
209	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0371	0.0109
210	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4151	0.1223
211	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2863	0.0843
212	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7664	0.2258
213	2035	ALT2	EB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4411	0.1300
214	2035	ALT2	EB	PM														
215	2035	ALT2	EB	PM														
1	2035	ALT2	EB	NT	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	3.0292	0.7513
2	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	7.4905	1.8503
3	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	0.3635	0.0902
4	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.5904	1.6277
5	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.5290	0.6257
6	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.8195	0.9410
7	2035	ALT2	EB	NT	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	5.8024	1.4289
8	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.2078	1.7690
9	2035	ALT2	EB	NT	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	6.2554	1.5402
10	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.8211	0.4456
11	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.8189	0.9351
12	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.6022	0.6385
13	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.4374	0.6035
14	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.8075	0.9404
15	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	5.1341	1.2587
16	2035	ALT2	EB	NT	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	3.0814	0.7573
17	2035	ALT2	EB	NT	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	5.2131	1.2791
18	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.1113	1.0056
19	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.1733	0.7779
20	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.9008	1.6937
21	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	0.7527	0.1855
22	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.0060	0.7396
23	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.1659	0.7812
24	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.9068	0.7080
25	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	1.9155	0.4658
26	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	16.4316	4.0063
27	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	12.7792	3.1165
28	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.4886	1.8191
29	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.0339	1.2259

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
30	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.5020	2.0780
31	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.2693	1.5262
32	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.9268	1.6754
33	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.3302	1.5352
34	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	7.7460	1.8640
35	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.0691	0.9866
36	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.8744	1.1819
37	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.5645	1.5917
38	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	9.8094	2.3679
39	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	9.7851	2.3776
40	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.2565	1.5163
41	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.3884	0.5815
42	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.3777	1.7807
43	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0159	0.7325
44	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.7695	1.1583
45	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.1008	0.5105
46	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.8593	1.4155
47	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.3254	0.0792
48	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.7110	1.6313
49	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.5491	0.1335
50	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.5898	2.0818
51	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.3689	0.3331
52	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	1.9971	0.4831
53	2035	ALT2	EB	NT	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	1.5738	0.3792
54	2035	ALT2	EB	NT	0.050524912	0.107774633	0.062529394	1.018384415	0.021608222	0.056062771	0.009379409	0.152757662	0.113054305	1.126159048	0.030987631	0.208820433	8.6630	2.1108
55	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.9453	0.9513
56	2035	ALT2	EB	NT	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	5.3424	1.2916
57	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.8632	0.6972
58	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	10.1043	2.4470
59	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.5786	0.6282
60	2035	ALT2	EB	NT	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	11.1508	2.7160
61	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.4749	0.6062
62	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.1955	1.2772
63	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.9998	0.4874
64	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.6761	1.6255
65	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.1786	0.5307
66	2035	ALT2	EB	NT	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	0.7895	0.1878
67	2035	ALT2	EB	NT	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	6.0536	1.4264
68	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.3343	1.0282
69	2035	ALT2	EB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	10.9127	2.5651
70	2035	ALT2	EB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.4849	1.5421
71	2035	ALT2	EB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	8.8618	2.0872
72	2035	ALT2	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.6661	2.0731
73	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1599	0.0432
74	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1195	0.0303
75	2035	ALT2	EB	NT	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1453	0.0448
76	2035	ALT2	EB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1782	0.0496
77	2035	ALT2	EB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1682	0.0479
78	2035	ALT2	EB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1348	0.0363
79	2035	ALT2	EB	NT	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1703	0.0521
80	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2907	0.0762
81	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.5281	0.1372
82	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2722	0.0715
83	2035	ALT2	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1088	0.0263
84	2035	ALT2	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2406	0.0597
85	2035	ALT2	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4532	0.1131
86	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4951	0.1247
87	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1690	0.0447
88	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2055	0.0536
89	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0845	0.0218
90	2035	ALT2	EB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3133	0.0844
91	2035	ALT2	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2212	0.0515
92	2035	ALT2	EB	NT	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.2267	0.0666
93	2035	ALT2	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	2.5078	0.6093
94	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	1.1478	0.2785
95	2035	ALT2	EB	NT	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.4046	0.1070

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
96	2035	ALT2	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2615	0.0629
97	2035	ALT2	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1661	0.0380
98	2035	ALT2	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3727	0.0868
99	2035	ALT2	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3466	0.0862
100	2035	ALT2	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.5735	0.1393
101	2035	ALT2	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2718	0.0651
102	2035	ALT2	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2011	0.0485
103	2035	ALT2	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1547	0.0388
104	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2058	0.0518
105	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1742	0.0450
106	2035	ALT2	EB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0314	0.0088
107	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2839	0.0748
108	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1815	0.0485
109	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2886	0.0735
110	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2953	0.0733
111	2035	ALT2	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2021	0.0485
112	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3894	0.1031
113	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2646	0.0710
114	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1634	0.0434
115	2035	ALT2	EB	NT														
116	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0538	0.0137
117	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1706	0.0424
118	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1555	0.0409
119	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2361	0.0596
120	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1478	0.0388
121	2035	ALT2	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.5694	0.1354
122	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	3.2846	0.8242
123	2035	ALT2	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	2.4685	0.5724
124	2035	ALT2	EB	NT	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1030	0.0315
125	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2291	0.0561
126	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0968	0.0261
127	2035	ALT2	EB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2568	0.0694
128	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0616	0.0172
129	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3157	0.0805
130	2035	ALT2	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3196	0.0821
131	2035	ALT2	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4013	0.0943
132	2035	ALT2	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3609	0.0939
133	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.4017	0.1002
134	2035	ALT2	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.7652	0.4456
135	2035	ALT2	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3631	0.0893
136	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0755	0.0209
137	2035	ALT2	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	5.4932	1.2143
138	2035	ALT2	EB	NT	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1154	0.0343
139	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1721	0.0467
140	2035	ALT2	EB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2735	0.0788
141	2035	ALT2	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1343	0.0343
142	2035	ALT2	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2469	0.0688
143	2035	ALT2	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4213	0.1086
144	2035	ALT2	EB	NT	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	0.4287	0.1305
145	2035	ALT2	EB	NT	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	1.1318	0.3446
146	2035	ALT2	EB	NT	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	0.0487	0.0148
147	2035	ALT2	EB	NT	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	0.9570	0.2914
148	2035	ALT2	EB	NT	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	0.3479	0.1059
149	2035	ALT2	EB	NT	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	0.5737	0.1747
150	2035	ALT2	EB	NT	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.6854	0.2033
151	2035	ALT2	EB	NT	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.9254	0.2744
152	2035	ALT2	EB	NT	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.7339	0.2177
153	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2205	0.0648
154	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.4218	0.1239
155	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3133	0.0920
156	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2465	0.0724
157	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.4339	0.1274
158	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5000	0.1468
159	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2860	0.0840
160	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5332	0.1566
161	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3143	0.0923

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
162	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2256	0.0663
163	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5338	0.1568
164	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0534	0.0157
165	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2500	0.0734
166	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3088	0.0907
167	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2181	0.0640
168	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1417	0.0416
169	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	1.2879	0.3782
170	2035	ALT2	EB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.9306	0.2733
171	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4431	0.1300
172	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2593	0.0761
173	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4607	0.1351
174	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3260	0.0956
175	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3897	0.1143
176	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3408	0.1000
177	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4635	0.1360
178	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2249	0.0660
179	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2695	0.0791
180	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3631	0.1065
181	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6142	0.1810
182	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5755	0.1696
183	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4174	0.1230
184	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1444	0.0425
185	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4772	0.1406
186	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1885	0.0555
187	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2982	0.0879
188	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1300	0.0383
189	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.3831	0.1129
190	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.0203	0.0060
191	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4275	0.1254
192	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0342	0.0100
193	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.6649	0.1951
194	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0774	0.0227
195	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0915	0.0268
196	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0767	0.0225
197	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4457	0.1308
198	2035	ALT2	EB	NT	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1993	0.0585
199	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4452	0.1312
200	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2293	0.0676
201	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.8710	0.2567
202	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2022	0.0596
203	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.9274	0.2733
204	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1971	0.0581
205	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4389	0.1293
206	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1979	0.0583
207	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.7211	0.2125
208	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2225	0.0656
209	2035	ALT2	EB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.0568	0.0167
210	2035	ALT2	EB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.6571	0.1969
211	2035	ALT2	EB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.4533	0.1358
212	2035	ALT2	EB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	1.2134	0.3636
213	2035	ALT2	EB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.6983	0.2092
214	2035	ALT2	EB	NT														
215	2035	ALT2	EB	NT														
216	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.9745	0.9589
217	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.2787	1.7379
218	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.9324	1.1900
219	2035	ALT2	WB	AM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	7.2685	1.7381
220	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.8979	0.9386
221	2035	ALT2	WB	AM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	3.5470	0.8494
222	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.9134	0.9432
223	2035	ALT2	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	1.8715	0.4509
224	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.9482	0.4862
225	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.2439	0.3111
226	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.3605	1.3410
227	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.0487	0.5160

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
228	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.1077	0.2790
229	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.2866	1.8189
230	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.7480	0.4372
231	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.8652	0.4631
232	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.8346	0.4556
233	2035	ALT2	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.3650	1.5657
234	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	0.9793	0.2415
235	2035	ALT2	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.9159	0.9614
236	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.5863	0.6385
237	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.0658	0.9971
238	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.2795	0.3133
239	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.1408	0.2796
240	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.4018	0.3456
241	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.1522	1.2645
242	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.3457	0.0850
243	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.4257	1.0849
244	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.6508	0.1601
245	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.1933	1.0268
246	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.1483	0.7744
247	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.2602	1.0429
248	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.3355	0.3291
249	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.2448	1.0452
250	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.8903	1.6956
251	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.4591	1.3432
252	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.3497	1.0744
253	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.1160	0.7696
254	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0040	0.7419
255	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.2713	1.2956
256	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.2533	0.8039
257	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.2628	1.0480
258	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.7546	0.9310
259	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.4683	1.3588
260	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.6697	0.9111
261	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.5129	1.1184
262	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	11.5668	2.8696
263	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.8019	1.4356
264	2035	ALT2	WB	AM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	2.3003	0.5670
265	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.2140	0.2992
266	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.2412	1.0431
267	2035	ALT2	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	1.2649	0.3127
268	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.2190	0.0545
269	2035	ALT2	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	5.5146	1.3617
270	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.3824	0.5849
271	2035	ALT2	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.5065	0.8575
272	2035	ALT2	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.5164	0.6148
273	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.4547	0.6004
274	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.7757	0.6807
275	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.7573	1.1705
276	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2610	0.3107
277	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.7516	0.6760
278	2035	ALT2	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.4315	0.3489
279	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.8140	0.6851
280	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.8887	0.7049
281	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.1804	0.5326
282	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.1588	0.7705
283	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.9737	0.7268
284	2035	ALT2	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.7252	0.9122
285	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.6070	0.6409
286	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.2632	0.5566
287	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.9991	0.9859
288	2035	ALT2	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.4331	0.1076
289	2035	ALT2	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.5589	1.1281
290	2035	ALT2	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3256	0.0836
291	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1507	0.0392
292	2035	ALT2	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0513	0.0131
293	2035	ALT2	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1486	0.0430

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
294	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1180	0.0311
295	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1173	0.0314
296	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0735	0.0195
297	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	3.4260	0.7508
298	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0130	0.0035
299	2035	ALT2	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1169	0.0300
300	2035	ALT2	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.0975	0.2821
301	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1680	0.0438
302	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0926	0.0252
303	2035	ALT2	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0599	0.0137
304	2035	ALT2	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0918	0.0266
305	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1178	0.0287
306	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1103	0.0311
307	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0587	0.0156
308	2035	ALT2	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1520	0.0430
309	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0639	0.0156
310	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.6669	0.1701
311	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1208	0.0313
312	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0705	0.0179
313	2035	ALT2	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.6303	0.1555
314	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1279	0.0355
315	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1382	0.0354
316	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0672	0.0171
317	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0873	0.0219
318	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0641	0.0165
319	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1516	0.0393
320	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0777	0.0200
321	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1475	0.0403
322	2035	ALT2	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0804	0.0225
323	2035	ALT2	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3096	0.0753
324	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0827	0.0200
325	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3909	0.1047
326	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1266	0.0320
327	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2020	0.0546
328	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0732	0.0187
329	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1407	0.0368
330	2035	ALT2	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0502	0.0123
331	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3241	0.0819
332	2035	ALT2	WB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1002	0.0242
333	2035	ALT2	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2311	0.0569
334	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1576	0.0391
335	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3460	0.0868
336	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3167	0.0757
337	2035	ALT2	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0831	0.0189
338	2035	ALT2	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1115	0.0264
339	2035	ALT2	WB	AM	0.049790298	0.109834892	0.071945858	1.171745577	0.020927273	0.057957906	0.010791879	0.175761837	0.121736156	1.281580469	0.031719152	0.233719743	0.5062	0.1217
340	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.4260	0.3576
341	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	1.1293	0.2815
342	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2298	0.0579
343	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0854	0.0198
344	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1969	0.0497
345	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0222	0.0053
346	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0549	0.0132
347	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0885	0.0235
348	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.9174	0.2290
349	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1257	0.0301
350	2035	ALT2	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2196	0.0548
351	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0536	0.0119
352	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0480	0.0124
353	2035	ALT2	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1826	0.0451
354	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2888	0.0768
355	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1088	0.0275
356	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1224	0.0334
357	2035	ALT2	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2347	0.0669
358	2035	ALT2	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1319	0.0341
359	2035	ALT2	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1466	0.0420

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
360	2035	ALT2	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1009	0.0277
361	2035	ALT2	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0867	0.0244
362	2035	ALT2	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1129	0.0279
363	2035	ALT2	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1718	0.0469
364	2035	ALT2	WB	AM														
365	2035	ALT2	WB	AM														
366	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3477	0.1021
367	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5227	0.1535
368	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2648	0.0777
369	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2510	0.0737
370	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2641	0.0776
371	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1216	0.0357
372	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1880	0.0552
373	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1231	0.0361
374	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5522	0.1622
375	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1841	0.0541
376	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0858	0.0252
377	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.6079	0.1785
378	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1358	0.0399
379	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1870	0.0551
380	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1739	0.0512
381	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6372	0.1878
382	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.0937	0.0276
383	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4001	0.1179
384	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2371	0.0699
385	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5909	0.1741
386	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1760	0.0519
387	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1538	0.0453
388	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1559	0.0459
389	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6110	0.1800
390	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0258	0.0076
391	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3455	0.1013
392	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0491	0.0144
393	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3256	0.0955
394	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2323	0.0681
395	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3315	0.0973
396	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0950	0.0279
397	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3291	0.0965
398	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4754	0.1395
399	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4050	0.1188
400	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2920	0.0857
401	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2092	0.0614
402	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2016	0.0591
403	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4308	0.1264
404	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2433	0.0714
405	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3367	0.0988
406	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2611	0.0766
407	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3938	0.1155
408	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2462	0.0722
409	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3436	0.1008
410	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.6901	0.2024
411	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3696	0.1084
412	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1416	0.0415
413	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0724	0.0213
414	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3086	0.0905
415	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0724	0.0213
416	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0113	0.0033
417	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3158	0.0926
418	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1359	0.0399
419	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2239	0.0657
420	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2803	0.0823
421	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2654	0.0779
422	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3151	0.0925
423	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.6075	0.1784
424	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1487	0.0437
425	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3512	0.1031

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
426	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1849	0.0543
427	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3534	0.1038
428	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3774	0.1108
429	2035	ALT2	WB	AM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2516	0.0739
430	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2388	0.0701
431	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2153	0.0632
432	2035	ALT2	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2536	0.0744
433	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.3236	0.0954
434	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2722	0.0802
435	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5219	0.1538
436	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.0500	0.0147
437	2035	ALT2	WB	AM	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5552	0.1636
216	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.6088	1.4822
217	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.4245	2.7722
218	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.3223	1.8691
219	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.3018	2.7563
220	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.7025	1.5147
221	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.1270	1.3790
222	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.8192	1.5485
223	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.2910	0.7500
224	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.3013	0.7708
225	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.0963	0.4877
226	2035	ALT2	WB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.1592	2.1320
227	2035	ALT2	WB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.3761	0.7936
228	2035	ALT2	WB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.9019	0.4514
229	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.9117	3.0434
230	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.3566	0.8002
231	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.6148	0.8568
232	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.4111	0.8002
233	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	12.0587	2.8111
234	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.8770	0.4402
235	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.5794	1.7690
236	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.3106	1.2604
237	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.6133	1.7985
238	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.4235	0.5741
239	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.1533	0.5106
240	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.6506	0.6333
241	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.6837	2.2959
242	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.6147	0.1448
243	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.8603	1.8464
244	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.1594	0.2728
245	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.4815	1.7553
246	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.5810	1.3124
247	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.4990	1.7548
248	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.4778	0.5897
249	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.8422	1.8593
250	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.7736	3.0383
251	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.2136	2.4227
252	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.0185	1.9059
253	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.7426	1.3649
254	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.5376	1.3161
255	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.0999	2.1150
256	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.9857	1.4158
257	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.8030	1.8399
258	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.7342	1.5959
259	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.7657	2.3126
260	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.6621	1.5795
261	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.1758	1.9275
262	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	20.8636	4.8806
263	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.3941	2.4263
264	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.3426	1.0066
265	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2882	0.5326
266	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.8732	1.8103
267	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.4795	0.5712
268	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.4309	0.0996
269	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	11.0895	2.5562

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
270	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.8887	1.1175
271	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.5004	1.7097
272	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.4935	1.2545
273	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.4656	1.2516
274	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.2190	1.4212
275	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	11.2287	2.5916
276	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.0863	0.7120
277	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.8162	1.5616
278	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.5369	0.7999
279	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.9477	1.5745
280	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.3201	1.6675
281	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.3494	1.2267
282	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.7929	1.7789
283	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.2131	1.6506
284	2035	ALT2	WB	MD	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	8.8943	2.0294
285	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.3486	1.4525
286	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.2960	1.2059
287	2035	ALT2	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.4787	2.1478
288	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.0467	0.2414
289	2035	ALT2	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	11.0918	2.5538
290	2035	ALT2	WB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3129	0.0781
291	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2197	0.0553
292	2035	ALT2	WB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0858	0.0211
293	2035	ALT2	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3016	0.0825
294	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1831	0.0452
295	2035	ALT2	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2640	0.0741
296	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1551	0.0390
297	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	6.4573	1.3461
298	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0267	0.0069
299	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1284	0.0321
300	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.3522	0.3356
301	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3593	0.0917
302	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0879	0.0219
303	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1631	0.0384
304	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1563	0.0403
305	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2878	0.0687
306	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1389	0.0368
307	2035	ALT2	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1594	0.0443
308	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2441	0.0600
309	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1686	0.0420
310	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.5590	0.3648
311	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2766	0.0702
312	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1139	0.0279
313	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.1965	0.2864
314	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2639	0.0731
315	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2809	0.0706
316	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1380	0.0339
317	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1672	0.0410
318	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1082	0.0276
319	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2646	0.0667
320	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1562	0.0398
321	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2337	0.0608
322	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1525	0.0389
323	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5806	0.1367
324	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1329	0.0319
325	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.5977	0.1454
326	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2847	0.0735
327	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4103	0.1015
328	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1322	0.0331
329	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2328	0.0579
330	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1061	0.0255
331	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4890	0.1162
332	2035	ALT2	WB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1963	0.0455
333	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5121	0.1178
334	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2911	0.0695
335	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.8155	0.1885

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
336	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.6442	0.1511
337	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3365	0.0726
338	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2069	0.0498
339	2035	ALT2	WB	MD	0.049641446	0.11235669	0.071945858	1.171745577	0.020789242	0.060277886	0.010791879	0.175761837	0.121587304	1.284102267	0.031581121	0.236039722	1.0281	0.2404
340	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	3.3184	0.7375
341	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	2.4409	0.5670
342	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3876	0.0903
343	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2930	0.0687
344	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2588	0.0582
345	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0934	0.0229
346	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2083	0.0494
347	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1690	0.0402
348	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.7974	0.4151
349	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4518	0.1004
350	2035	ALT2	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4639	0.1143
351	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2040	0.0476
352	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1182	0.0306
353	2035	ALT2	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4251	0.1033
354	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.5261	0.1330
355	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2475	0.0615
356	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1565	0.0409
357	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4218	0.1087
358	2035	ALT2	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2596	0.0673
359	2035	ALT2	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2757	0.0776
360	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1961	0.0504
361	2035	ALT2	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1773	0.0481
362	2035	ALT2	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2319	0.0554
363	2035	ALT2	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3130	0.0836
364	2035	ALT2	WB	MD														
365	2035	ALT2	WB	MD														
366	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.7339	0.2155
367	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	1.1032	0.3240
368	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5588	0.1641
369	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5297	0.1556
370	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5580	0.1639
371	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2568	0.0754
372	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3970	0.1166
373	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2598	0.0763
374	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	1.1661	0.3424
375	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3888	0.1142
376	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1812	0.0532
377	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	1.2838	0.3770
378	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2867	0.0842
379	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.4215	0.1250
380	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.3914	0.1161
381	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	1.4347	0.4255
382	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.2113	0.0626
383	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.9014	0.2673
384	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.5338	0.1583
385	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	1.3307	0.3946
386	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.3964	0.1175
387	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.3466	0.1028
388	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.3509	0.1041
389	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	1.3759	0.4080
390	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0659	0.0194
391	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.8829	0.2593
392	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1255	0.0369
393	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.8325	0.2445
394	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5938	0.1744
395	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.8475	0.2489
396	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2426	0.0713
397	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.8411	0.2470
398	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	1.2150	0.3568
399	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	1.0355	0.3041
400	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.7466	0.2192
401	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5346	0.1570

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
402	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5154	0.1513
403	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	1.1063	0.3249
404	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.6249	0.1835
405	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.8643	0.2538
406	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.6706	0.1969
407	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	1.0111	0.2969
408	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.6325	0.1857
409	2035	ALT2	WB	MD	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.8825	0.2592
410	2035	ALT2	WB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	1.5206	0.4461
411	2035	ALT2	WB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.8143	0.2389
412	2035	ALT2	WB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3121	0.0916
413	2035	ALT2	WB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1596	0.0468
414	2035	ALT2	WB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.6803	0.1996
415	2035	ALT2	WB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1594	0.0468
416	2035	ALT2	WB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0248	0.0073
417	2035	ALT2	WB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.6960	0.2042
418	2035	ALT2	WB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2994	0.0878
419	2035	ALT2	WB	MD	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4932	0.1447
420	2035	ALT2	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6464	0.1905
421	2035	ALT2	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6122	0.1804
422	2035	ALT2	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.7266	0.2141
423	2035	ALT2	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	1.4009	0.4128
424	2035	ALT2	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.3427	0.1010
425	2035	ALT2	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.8097	0.2386
426	2035	ALT2	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4262	0.1256
427	2035	ALT2	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.8148	0.2401
428	2035	ALT2	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.8700	0.2564
429	2035	ALT2	WB	MD	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5802	0.1710
430	2035	ALT2	WB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4083	0.1199
431	2035	ALT2	WB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3682	0.1081
432	2035	ALT2	WB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4335	0.1273
433	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.7125	0.2113
434	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.5990	0.1776
435	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	1.1492	0.3408
436	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	0.1100	0.0326
437	2035	ALT2	WB	MD	0.050067729	0.108275529	0.043235568	0.704155699	0.021184452	0.056523413	0.006485335	0.105623355	0.093303297	0.812431228	0.027669787	0.162146768	1.2223	0.3625
216	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.4887	1.1647
217	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.4642	2.2116
218	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.8330	1.4496
219	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.1773	2.1554
220	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.5153	1.1814
221	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.0802	1.0835
222	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.5696	1.1979
223	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.6148	0.5635
224	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.5656	0.7648
225	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.3090	0.4944
226	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.2382	2.1879
227	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.5868	0.7731
228	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.9472	0.4262
229	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	13.5617	2.9621
230	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.3531	0.7423
231	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.7101	0.8163
232	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.5169	0.7684
233	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	12.6828	2.7633
234	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.9763	0.4335
235	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.1510	1.7833
236	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.3120	1.1795
237	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.7929	1.9202
238	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.7299	0.5984
239	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4005	0.5266
240	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.7524	0.6101
241	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.4102	2.2924
242	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.6576	0.1439
243	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.5800	1.8722
244	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.2596	0.2756
245	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.2462	1.8002

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
246	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.0229	1.3180
247	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.2775	1.8017
248	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.5912	0.5738
249	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.4312	1.8560
250	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	13.1417	2.9088
251	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.8079	2.3824
252	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.2171	1.8176
253	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.8845	1.3017
254	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.6737	1.2550
255	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.9966	2.1645
256	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.1458	1.3527
257	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.1752	1.7909
258	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.7428	1.4852
259	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.8709	2.1692
260	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.5288	1.4382
261	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.4255	1.8445
262	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	20.9835	4.5656
263	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.6762	2.3151
264	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.3709	0.9463
265	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.2661	0.4913
266	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.0893	1.7278
267	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.5395	0.5454
268	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.4341	0.0940
269	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	11.6825	2.5261
270	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.2097	1.1192
271	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.2039	1.7595
272	2035	ALT2	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.9353	1.2716
273	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.8476	1.2581
274	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.7372	1.4451
275	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	12.1772	2.6269
276	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.2332	0.7035
277	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.3437	1.5881
278	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.8799	0.8310
279	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.6286	1.6387
280	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.1401	1.7570
281	2035	ALT2	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.7889	1.2560
282	2035	ALT2	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.6060	1.8586
283	2035	ALT2	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.9361	1.7181
284	2035	ALT2	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.6511	2.0985
285	2035	ALT2	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.0577	1.5243
286	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.9014	1.2696
287	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.8786	2.3291
288	2035	ALT2	WB	PM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.1382	0.2479
289	2035	ALT2	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.3190	2.6710
290	2035	ALT2	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1487	0.0367
291	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1069	0.0262
292	2035	ALT2	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0364	0.0089
293	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2229	0.0552
294	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1197	0.0284
295	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1675	0.0418
296	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0508	0.0119
297	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.7220	0.3648
298	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0109	0.0027
299	2035	ALT2	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0625	0.0148
300	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.7193	0.1755
301	2035	ALT2	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2983	0.0693
302	2035	ALT2	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0374	0.0089
303	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1290	0.0290
304	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0959	0.0232
305	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1890	0.0427
306	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0659	0.0163
307	2035	ALT2	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1492	0.0379
308	2035	ALT2	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1575	0.0361
309	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1066	0.0243
310	2035	ALT2	WB	PM	0.049641446	0.11235669	0.071945858	1.171745577	0.020789242	0.060277886	0.010791879	0.175761837	0.121587304	1.284102267	0.031581121	0.236039722	1.2283	0.2677
311	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1938	0.0457

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
312	2035	ALT2	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0504	0.0118
313	2035	ALT2	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.8143	0.1859
314	2035	ALT2	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1386	0.0357
315	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1645	0.0402
316	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0841	0.0194
317	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1516	0.0357
318	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0514	0.0129
319	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1465	0.0358
320	2035	ALT2	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1063	0.0258
321	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1860	0.0456
322	2035	ALT2	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1097	0.0258
323	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3833	0.0868
324	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0775	0.0184
325	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3756	0.0873
326	2035	ALT2	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2024	0.0499
327	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3303	0.0756
328	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0884	0.0215
329	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1361	0.0329
330	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0706	0.0168
331	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2946	0.0669
332	2035	ALT2	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1511	0.0341
333	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3428	0.0752
334	2035	ALT2	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1769	0.0400
335	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5953	0.1281
336	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4625	0.1024
337	2035	ALT2	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2440	0.0496
338	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0977	0.0223
339	2035	ALT2	WB	PM	0.049595393	0.115860105	0.071945858	1.171745577	0.020746462	0.063500979	0.010791879	0.175761837	0.121541251	1.287605682	0.031538341	0.239262816	0.8626	0.1921
340	2035	ALT2	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	3.3827	0.6982
341	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	2.1145	0.4731
342	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1962	0.0416
343	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2718	0.0583
344	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1784	0.0378
345	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0693	0.0151
346	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1782	0.0396
347	2035	ALT2	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1293	0.0296
348	2035	ALT2	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	1.4410	0.3119
349	2035	ALT2	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3414	0.0791
350	2035	ALT2	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2925	0.0700
351	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1543	0.0325
352	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1320	0.0308
353	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2524	0.0600
354	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.4045	0.0965
355	2035	ALT2	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1672	0.0402
356	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1310	0.0310
357	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3030	0.0746
358	2035	ALT2	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1855	0.0442
359	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1921	0.0470
360	2035	ALT2	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1255	0.0293
361	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1212	0.0291
362	2035	ALT2	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1378	0.0315
363	2035	ALT2	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2274	0.0562
364	2035	ALT2	WB	PM														
365	2035	ALT2	WB	PM														
366	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3870	0.1140
367	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5816	0.1714
368	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2945	0.0868
369	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2793	0.0823
370	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3033	0.0894
371	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1397	0.0411
372	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2159	0.0636
373	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1413	0.0416
374	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6341	0.1868
375	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2114	0.0623
376	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0984	0.0290
377	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6981	0.2057

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
378	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1559	0.0459
379	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2244	0.0661
380	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2084	0.0614
381	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7637	0.2250
382	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1124	0.0331
383	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4797	0.1413
384	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2840	0.0837
385	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7083	0.2087
386	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2110	0.0622
387	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1844	0.0543
388	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1868	0.0550
389	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7323	0.2158
390	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0392	0.0115
391	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5242	0.1544
392	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0744	0.0219
393	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4942	0.1456
394	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3525	0.1039
395	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5033	0.1483
396	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1440	0.0424
397	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4994	0.1471
398	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7214	0.2126
399	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6148	0.1811
400	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4434	0.1306
401	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3175	0.0935
402	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3060	0.0901
403	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6177	0.1820
404	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3488	0.1028
405	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4825	0.1422
406	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3745	0.1103
407	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5646	0.1663
408	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3531	0.1040
409	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4928	0.1452
410	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.9634	0.2839
411	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5160	0.1520
412	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1977	0.0582
413	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1011	0.0298
414	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4311	0.1270
415	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1011	0.0298
416	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0158	0.0047
417	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4409	0.1299
418	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1897	0.0559
419	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3125	0.0921
420	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3978	0.1172
421	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3767	0.1110
422	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4471	0.1317
423	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.8621	0.2540
424	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2108	0.0621
425	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4981	0.1468
426	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2623	0.0773
427	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5014	0.1477
428	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5352	0.1577
429	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3570	0.1052
430	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1973	0.0581
431	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1778	0.0524
432	2035	ALT2	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2094	0.0617
433	2035	ALT2	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4236	0.1244
434	2035	ALT2	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3563	0.1046
435	2035	ALT2	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.6835	0.2007
436	2035	ALT2	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0655	0.0192
437	2035	ALT2	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.7269	0.2135
216	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.3394	0.9890
217	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.0937	1.8336
218	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.4632	1.2463
219	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.0533	1.8325
220	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.4142	1.0129
221	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.0258	0.9199

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
222	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.5141	1.0419
223	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.1981	0.5094
224	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.9228	0.4579
225	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2284	0.2920
226	2035	ALT2	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.3838	1.2828
227	2035	ALT2	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.0968	0.5050
228	2035	ALT2	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.2091	0.2944
229	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.2314	1.9922
230	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2625	0.5553
231	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.4384	0.5949
232	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.3824	0.5791
233	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	8.4556	2.0372
234	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.3291	0.3232
235	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.3853	1.3024
236	2035	ALT2	WB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.7906	0.9263
237	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.0120	1.4624
238	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.9397	0.4737
239	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.7235	0.4212
240	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.1681	0.5334
241	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.9752	1.9438
242	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.5229	0.1278
243	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.7201	1.6329
244	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.9943	0.2430
245	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.3558	1.5430
246	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.7641	1.1639
247	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.4000	1.5581
248	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0184	0.4950
249	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.4535	1.5782
250	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	10.4271	2.5587
251	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	8.0617	1.9624
252	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.3502	1.5551
253	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.5486	1.1139
254	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.3846	1.0737
255	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.2130	1.7404
256	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.5813	1.1164
257	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.8422	1.4173
258	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.0466	1.2330
259	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.2026	1.7565
260	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.8568	1.1862
261	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.8967	1.4305
262	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	14.6983	3.5629
263	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.3196	1.7755
264	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.0125	0.7253
265	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.6212	0.3931
266	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.4334	1.3227
267	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.5718	0.3845
268	2035	ALT2	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.2735	0.0673
269	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.0747	1.7358
270	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.0587	0.7465
271	2035	ALT2	WB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.6107	1.1260
272	2035	ALT2	WB	NT	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	3.4277	0.8396
273	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.4077	0.8370
274	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.8616	0.9472
275	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.7906	1.6924
276	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.8693	0.4680
277	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.9755	0.9883
278	2035	ALT2	WB	NT	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0852	0.5173
279	2035	ALT2	WB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.1781	1.0332
280	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.1288	1.0219
281	2035	ALT2	WB	NT	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	3.0883	0.7651
282	2035	ALT2	WB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.4135	1.0894
283	2035	ALT2	WB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.1056	1.0145
284	2035	ALT2	WB	NT	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	5.1442	1.2795
285	2035	ALT2	WB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.5923	0.8899
286	2035	ALT2	WB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.0693	0.7596
287	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.3309	1.3234

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
288	2035	ALT2	WB	NT	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	0.5971	0.1493
289	2035	ALT2	WB	NT	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.1262	1.5328
290	2035	ALT2	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2530	0.0638
291	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1627	0.0412
292	2035	ALT2	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0627	0.0159
293	2035	ALT2	WB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2124	0.0586
294	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1287	0.0321
295	2035	ALT2	WB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1951	0.0560
296	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1220	0.0313
297	2035	ALT2	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	5.3425	1.1663
298	2035	ALT2	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0134	0.0033
299	2035	ALT2	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0675	0.0163
300	2035	ALT2	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.2648	0.3134
301	2035	ALT2	WB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2603	0.0720
302	2035	ALT2	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0545	0.0135
303	2035	ALT2	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1659	0.0422
304	2035	ALT2	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1028	0.0267
305	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2843	0.0744
306	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0801	0.0203
307	2035	ALT2	WB	NT	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1351	0.0423
308	2035	ALT2	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1554	0.0388
309	2035	ALT2	WB	NT	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1589	0.0469
310	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.9741	0.2531
311	2035	ALT2	WB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2706	0.0757
312	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0900	0.0227
313	2035	ALT2	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.0730	0.2644
314	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1928	0.0537
315	2035	ALT2	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2188	0.0559
316	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0958	0.0240
317	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1509	0.0395
318	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1141	0.0294
319	2035	ALT2	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2287	0.0592
320	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1356	0.0366
321	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1662	0.0439
322	2035	ALT2	WB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1129	0.0313
323	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4386	0.1092
324	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1601	0.0403
325	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4721	0.1219
326	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2393	0.0655
327	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2448	0.0628
328	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1237	0.0317
329	2035	ALT2	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1627	0.0418
330	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1107	0.0280
331	2035	ALT2	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3361	0.0821
332	2035	ALT2	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2084	0.0505
333	2035	ALT2	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3054	0.0728
334	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2281	0.0563
335	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4721	0.1155
336	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4571	0.1070
337	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2019	0.0483
338	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2346	0.0588
339	2035	ALT2	WB	NT	0.049790298	0.109834892	0.071945858	1.171745577	0.020927273	0.057957906	0.010791879	0.175761837	0.121736156	1.281580469	0.031719152	0.233719743	0.8065	0.1845
340	2035	ALT2	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.5492	0.3764
341	2035	ALT2	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	1.5534	0.3954
342	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2233	0.0511
343	2035	ALT2	WB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1804	0.0490
344	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2014	0.0469
345	2035	ALT2	WB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0756	0.0211
346	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1279	0.0341
347	2035	ALT2	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1156	0.0294
348	2035	ALT2	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.2262	0.2875
349	2035	ALT2	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2775	0.0728
350	2035	ALT2	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4287	0.1078
351	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1201	0.0305
352	2035	ALT2	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1228	0.0322
353	2035	ALT2	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3983	0.1037

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
354	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3762	0.0983
355	2035	ALT2	WB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1962	0.0553
356	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1089	0.0293
357	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3014	0.0801
358	2035	ALT2	WB	NT	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1880	0.0537
359	2035	ALT2	WB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1968	0.0568
360	2035	ALT2	WB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1630	0.0431
361	2035	ALT2	WB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1226	0.0345
362	2035	ALT2	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2199	0.0563
363	2035	ALT2	WB	NT	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2592	0.0749
364	2035	ALT2	WB	NT														
365	2035	ALT2	WB	NT														
366	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5980	0.1762
367	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.8989	0.2649
368	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4553	0.1342
369	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4315	0.1272
370	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4551	0.1341
371	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2096	0.0618
372	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.3238	0.0954
373	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2121	0.0625
374	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.9512	0.2803
375	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.3171	0.0934
376	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1479	0.0436
377	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	1.0472	0.3086
378	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.2338	0.0689
379	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.3409	0.1021
380	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.3167	0.0949
381	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	1.1609	0.3478
382	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.1709	0.0512
383	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.7291	0.2184
384	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.4318	0.1294
385	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	1.0765	0.3226
386	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.3206	0.0961
387	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.2803	0.0840
388	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.2838	0.0850
389	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	1.1131	0.3335
390	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.0519	0.0153
391	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6936	0.2044
392	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.0986	0.0291
393	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6542	0.1928
394	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4666	0.1375
395	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6659	0.1962
396	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.1907	0.0562
397	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6608	0.1947
398	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.9547	0.2813
399	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.8136	0.2397
400	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5865	0.1728
401	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4202	0.1238
402	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4050	0.1194
403	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.8417	0.2480
404	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4754	0.1401
405	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6575	0.1938
406	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.5101	0.1503
407	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.7693	0.2267
408	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.4811	0.1418
409	2035	ALT2	WB	NT	0.049790298	0.109834892	0.043235568	0.704155699	0.020927273	0.057957906	0.006485335	0.105623355	0.093025867	0.813990591	0.027412608	0.163581261	0.6715	0.1979
410	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	1.1917	0.3500
411	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.6382	0.1874
412	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2447	0.0719
413	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1251	0.0367
414	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5332	0.1566
415	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1249	0.0367
416	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.0195	0.0057
417	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.5455	0.1602
418	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.2347	0.0689
419	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.3866	0.1135

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
420	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.5050	0.1513
421	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.4781	0.1433
422	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.5676	0.1701
423	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	1.0945	0.3279
424	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.2677	0.0802
425	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.6325	0.1895
426	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.3330	0.0998
427	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.6367	0.1908
428	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.6797	0.2036
429	2035	ALT2	WB	NT	0.050524912	0.107774633	0.043235568	0.704155699	0.021608222	0.056062771	0.006485335	0.105623355	0.09376048	0.811930332	0.028093558	0.161686126	0.4531	0.1358
430	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.4601	0.1351
431	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.4146	0.1218
432	2035	ALT2	WB	NT	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.4884	0.1434
433	2035	ALT2	WB	NT	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	0.5766	0.1756
434	2035	ALT2	WB	NT	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	0.4847	0.1476
435	2035	ALT2	WB	NT	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	0.9299	0.2831
436	2035	ALT2	WB	NT	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	0.0892	0.0271
437	2035	ALT2	WB	NT	0.051252887	0.108468888	0.043235568	0.704155699	0.022282994	0.056701758	0.006485335	0.105623355	0.094488455	0.812624587	0.028768329	0.162325113	0.9893	0.3012
1	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.3548	0.5541
2	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.9090	1.3835
3	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.2728	0.0642
4	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.9746	1.1634
5	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.9354	0.4560
6	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.9387	0.6850
7	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.4534	1.0453
8	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.5695	1.2978
9	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.7229	1.1078
10	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.4214	0.3307
11	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0379	0.7149
12	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0696	0.4864
13	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.8136	0.4313
14	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.7644	0.6578
15	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.6639	0.8704
16	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.1553	0.5125
17	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.5602	0.8433
18	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.9856	0.7154
19	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.2005	0.5262
20	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.5261	1.0796
21	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.4794	0.1144
22	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.8211	0.4358
23	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.8651	0.4437
24	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.6759	0.4013
25	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.1000	0.2635
26	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.0674	2.1787
27	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.8039	1.6317
28	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.7909	0.9109
29	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.5574	0.6173
30	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.2984	1.0386
31	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.2485	0.7873
32	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.6591	0.8851
33	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.4610	0.8414
34	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.2299	1.0238
35	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2629	0.5518
36	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.7117	0.6612
37	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.6533	0.8908
38	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.5444	1.3572
39	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.5468	1.3618
40	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.5466	0.8673
41	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.3575	0.3331
42	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.1520	1.0158
43	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.7226	0.4227
44	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.7266	0.6689
45	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2144	0.2984
46	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.3727	0.8277
47	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.1840	0.0453
48	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.7052	0.9071

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
49	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.3049	0.0748
50	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.7403	1.1559
51	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.8147	0.1991
52	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.2143	0.2967
53	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.9417	0.2287
54	2035	ALT3	EB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.0466	1.2168
55	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.3280	0.5643
56	2035	ALT3	EB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0242	0.7281
57	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.5727	0.3797
58	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.3091	1.2748
59	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2962	0.3118
60	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.3181	1.2699
61	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2224	0.2948
62	2035	ALT3	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4583	0.5906
63	2035	ALT3	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.9551	0.2279
64	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.9772	0.7013
65	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.9480	0.2236
66	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.3828	0.0885
67	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.9257	0.6679
68	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.0827	0.4770
69	2035	ALT3	EB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.0571	1.1448
70	2035	ALT3	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.9576	0.6730
71	2035	ALT3	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.6918	0.8213
72	2035	ALT3	EB	AM	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.4932	0.7824
73	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0953	0.0249
74	2035	ALT3	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0822	0.0214
75	2035	ALT3	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0872	0.0231
76	2035	ALT3	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1314	0.0362
77	2035	ALT3	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1053	0.0280
78	2035	ALT3	EB	AM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1028	0.0306
79	2035	ALT3	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1160	0.0326
80	2035	ALT3	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2412	0.0679
81	2035	ALT3	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3211	0.0791
82	2035	ALT3	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2579	0.0697
83	2035	ALT3	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0849	0.0199
84	2035	ALT3	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1314	0.0336
85	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4053	0.0924
86	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3145	0.0744
87	2035	ALT3	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0677	0.0173
88	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1744	0.0427
89	2035	ALT3	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0389	0.0099
90	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0794	0.0171
91	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2527	0.0613
92	2035	ALT3	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1062	0.0248
93	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	2.0698	0.4693
94	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.8045	0.1978
95	2035	ALT3	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2118	0.0558
96	2035	ALT3	EB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0974	0.0237
97	2035	ALT3	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1558	0.0352
98	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1073	0.0234
99	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2674	0.0616
100	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3234	0.0778
101	2035	ALT3	EB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1475	0.0334
102	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1500	0.0368
103	2035	ALT3	EB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0621	0.0149
104	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1655	0.0431
105	2035	ALT3	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0973	0.0242
106	2035	ALT3	EB	AM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.0242	0.0075
107	2035	ALT3	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1636	0.0388
108	2035	ALT3	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1610	0.0438
109	2035	ALT3	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1665	0.0403
110	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2023	0.0522
111	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1131	0.0278
112	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2199	0.0560
113	2035	ALT3	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1749	0.0463
114	2035	ALT3	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1331	0.0359

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
115	2035	ALT3	EB	AM														
116	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0525	0.0139
117	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1086	0.0272
118	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0614	0.0161
119	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1709	0.0441
120	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0559	0.0146
121	2035	ALT3	EB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3292	0.0794
122	2035	ALT3	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	2.3062	0.5546
123	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.6255	0.3884
124	2035	ALT3	EB	AM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.0769	0.0242
125	2035	ALT3	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1861	0.0507
126	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0365	0.0090
127	2035	ALT3	EB	AM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.2067	0.0628
128	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0097	0.0024
129	2035	ALT3	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2848	0.0781
130	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0886	0.0213
131	2035	ALT3	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3915	0.1091
132	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0624	0.0149
133	2035	ALT3	EB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3350	0.0899
134	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.7859	0.1903
135	2035	ALT3	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3053	0.0829
136	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0180	0.0044
137	2035	ALT3	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	3.3151	0.7124
138	2035	ALT3	EB	AM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.0843	0.0254
139	2035	ALT3	EB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0712	0.0180
140	2035	ALT3	EB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2081	0.0580
141	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0335	0.0084
142	2035	ALT3	EB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1258	0.0318
143	2035	ALT3	EB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0986	0.0249
144	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.6580	0.4885
145	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.6580	0.4885
146	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.6580	0.4885
147	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.6580	0.4885
148	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.6580	0.4885
149	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.6580	0.4885
150	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.9763	0.5823
151	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.9763	0.5823
152	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.9763	0.5823
153	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2733	0.3752
154	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2733	0.3752
155	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2733	0.3752
156	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2733	0.3752
157	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2733	0.3752
158	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2733	0.3752
159	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2733	0.3752
160	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2733	0.3752
161	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1472	0.0434
162	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1472	0.0434
163	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1472	0.0434
164	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1472	0.0434
165	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1472	0.0434
166	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1472	0.0434
167	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1472	0.0434
168	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1472	0.0434
169	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1472	0.0434
170	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1472	0.0434
171	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0355	0.0105
172	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0355	0.0105
173	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0355	0.0105
174	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0355	0.0105
175	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0355	0.0105
176	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0355	0.0105
177	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0355	0.0105
178	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0355	0.0105
179	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1399	0.0412
180	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1399	0.0412

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
181	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1319	0.0389
182	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1319	0.0389
183	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1319	0.0389
184	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1319	0.0389
185	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1319	0.0389
186	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1319	0.0389
187	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1319	0.0389
188	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1319	0.0389
189	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1319	0.0389
190	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1319	0.0389
191	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3255	0.0959
192	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3255	0.0959
193	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3255	0.0959
194	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3255	0.0959
195	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3255	0.0959
196	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3255	0.0959
197	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3255	0.0959
198	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3255	0.0959
199	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0543	0.0160
200	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0543	0.0160
201	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0543	0.0160
202	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0543	0.0160
203	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0543	0.0160
204	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0439	0.0129
205	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0439	0.0129
206	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0439	0.0129
207	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0439	0.0129
208	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0439	0.0129
209	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0439	0.0129
210	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0271	0.0080
211	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0271	0.0080
212	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0271	0.0080
213	2035	ALT3	EB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0271	0.0080
214	2035	ALT3	EB	AM														
215	2035	ALT3	EB	AM														
1	2035	ALT3	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.0362	1.1444
2	2035	ALT3	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	12.6892	2.8666
3	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.5779	0.1313
4	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.6014	2.3920
5	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.1026	0.9321
6	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.3655	1.4362
7	2035	ALT3	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	9.5676	2.1691
8	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	11.9819	2.6971
9	2035	ALT3	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	10.0477	2.2706
10	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.0588	0.6868
11	2035	ALT3	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.3581	1.4384
12	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.3004	0.9709
13	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.7108	0.8460
14	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.6876	1.2985
15	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.6413	1.7523
16	2035	ALT3	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.5216	1.0364
17	2035	ALT3	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.6034	1.7391
18	2035	ALT3	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.2017	1.4331
19	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.6365	1.0732
20	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.6389	2.2268
21	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.0353	0.2397
22	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.8173	0.8830
23	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.9017	0.8975
24	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.5104	0.8143
25	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.3303	0.5413
26	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	19.3508	4.5180
27	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	14.6817	3.4259
28	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.2224	1.9246
29	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.4411	1.2773
30	2035	ALT3	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.0677	2.1366
31	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.7183	1.5796

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
32	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.5249	1.7634
33	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.9716	1.6395
34	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.4337	1.9699
35	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.4278	1.0416
36	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.3036	1.2476
37	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.1425	1.6803
38	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.4631	2.4589
39	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.3568	2.4402
40	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.6694	1.5641
41	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.5498	0.6011
42	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.7773	1.8232
43	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.2339	0.7614
44	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.1120	1.2036
45	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2779	0.5373
46	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.2945	1.4808
47	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.3455	0.0816
48	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.8445	1.6016
49	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.5679	0.1333
50	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.1173	2.1260
51	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.6373	0.3849
52	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.5105	0.5926
53	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.9547	0.4585
54	2035	ALT3	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	10.6711	2.4925
55	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.9817	1.1688
56	2035	ALT3	EB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.5186	1.5174
57	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.4488	0.8071
58	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	11.8117	2.7527
59	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.9484	0.6910
60	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.3403	2.8803
61	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.9037	0.6881
62	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.9536	1.4035
63	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.3342	0.5466
64	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.4778	1.7428
65	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.4323	0.5700
66	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.9338	0.2133
67	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.2509	1.6401
68	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.1685	1.1735
69	2035	ALT3	EB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.7909	2.8781
70	2035	ALT3	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.4944	1.6950
71	2035	ALT3	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.3656	2.0674
72	2035	ALT3	EB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.9581	1.9970
73	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1895	0.0486
74	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1488	0.0370
75	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1846	0.0474
76	2035	ALT3	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2574	0.0702
77	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2211	0.0578
78	2035	ALT3	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1944	0.0516
79	2035	ALT3	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2446	0.0673
80	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4214	0.1080
81	2035	ALT3	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.7019	0.1688
82	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4122	0.1068
83	2035	ALT3	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1968	0.0450
84	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2342	0.0570
85	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.8000	0.1728
86	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.7060	0.1645
87	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1789	0.0436
88	2035	ALT3	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3111	0.0708
89	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0821	0.0203
90	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2537	0.0592
91	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.4938	0.1145
92	2035	ALT3	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2935	0.0746
93	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	5.0784	1.1318
94	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	1.7005	0.4001
95	2035	ALT3	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.4434	0.1132
96	2035	ALT3	EB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.4666	0.1100
97	2035	ALT3	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3140	0.0661

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
98	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3013	0.0666
99	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5978	0.1339
100	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.6010	0.1390
101	2035	ALT3	EB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3659	0.0818
102	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2250	0.0525
103	2035	ALT3	EB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1381	0.0328
104	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2485	0.0620
105	2035	ALT3	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2134	0.0519
106	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0346	0.0093
107	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3953	0.0945
108	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2634	0.0698
109	2035	ALT3	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3541	0.0840
110	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3172	0.0780
111	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2003	0.0473
112	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.4103	0.1012
113	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3378	0.0850
114	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2553	0.0675
115	2035	ALT3	EB	MD														
116	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0956	0.0247
117	2035	ALT3	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2170	0.0521
118	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1370	0.0353
119	2035	ALT3	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3077	0.0757
120	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1278	0.0325
121	2035	ALT3	EB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.5319	0.1235
122	2035	ALT3	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	5.0668	1.1773
123	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	3.7274	0.8589
124	2035	ALT3	EB	MD	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1520	0.0454
125	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3015	0.0750
126	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1122	0.0288
127	2035	ALT3	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3939	0.1057
128	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0490	0.0137
129	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.5418	0.1349
130	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2813	0.0688
131	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.7121	0.1734
132	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2324	0.0575
133	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.6347	0.1600
134	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.8197	0.4332
135	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.6114	0.1519
136	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0748	0.0201
137	2035	ALT3	EB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	7.3384	1.5226
138	2035	ALT3	EB	MD	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1681	0.0491
139	2035	ALT3	EB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1873	0.0490
140	2035	ALT3	EB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.4208	0.1153
141	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0912	0.0227
142	2035	ALT3	EB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3030	0.0796
143	2035	ALT3	EB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3175	0.0814
144	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6769	0.1995
145	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.7868	0.5264
146	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0771	0.0227
147	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.5110	0.4452
148	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5494	0.1619
149	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.9058	0.2669
150	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2452	0.3669
151	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.6812	0.4953
152	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.3336	0.3929
153	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4282	0.1262
154	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.8191	0.2413
155	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6087	0.1793
156	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4788	0.1411
157	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.8426	0.2483
158	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.9710	0.2861
159	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5555	0.1637
160	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.0354	0.3051
161	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5219	0.1538
162	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3745	0.1103
163	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.8863	0.2611

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
164	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0888	0.0262
165	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4151	0.1223
166	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5127	0.1511
167	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3622	0.1067
168	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2352	0.0693
169	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	2.1385	0.6301
170	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.5452	0.4553
171	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.8837	0.2604
172	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5170	0.1523
173	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.9185	0.2706
174	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6501	0.1915
175	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7770	0.2289
176	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6796	0.2002
177	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.9247	0.2724
178	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4487	0.1322
179	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5375	0.1584
180	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7239	0.2133
181	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.1810	0.3480
182	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.1068	0.3261
183	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.8027	0.2365
184	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2777	0.0818
185	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.9179	0.2704
186	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3626	0.1068
187	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5734	0.1689
188	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2498	0.0736
189	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7366	0.2170
190	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0390	0.0115
191	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.0272	0.3026
192	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0820	0.0242
193	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.5975	0.4707
194	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1858	0.0547
195	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2196	0.0647
196	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1844	0.0543
197	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.0709	0.3155
198	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4791	0.1411
199	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7266	0.2141
200	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3741	0.1102
201	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.4212	0.4187
202	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3300	0.0972
203	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.5132	0.4458
204	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1251	0.0369
205	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2789	0.0822
206	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1257	0.0370
207	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4581	0.1350
208	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1413	0.0416
209	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0361	0.0106
210	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3181	0.0937
211	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2194	0.0647
212	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5875	0.1731
213	2035	ALT3	EB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3380	0.0996
214	2035	ALT3	EB	MD														
215	2035	ALT3	EB	MD														
1	2035	ALT3	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.8083	0.6999
2	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.0248	1.7475
3	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.3319	0.0828
4	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.0410	1.4994
5	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.3863	0.5955
6	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.6303	0.8993
7	2035	ALT3	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	5.6046	1.3850
8	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.9608	1.7130
9	2035	ALT3	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	5.9175	1.4566
10	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.7375	0.4276
11	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.6528	0.8973
12	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.4736	0.6102
13	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.3152	0.5733
14	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.6250	0.8951

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
15	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.9122	1.2071
16	2035	ALT3	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.9414	0.7228
17	2035	ALT3	EB	PM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	5.1423	1.2701
18	2035	ALT3	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.1113	1.0132
19	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.1668	0.7820
20	2035	ALT3	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.8638	1.6948
21	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	0.7394	0.1831
22	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.8806	0.7094
23	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.0125	0.7427
24	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.8024	0.6856
25	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.8518	0.4513
26	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	15.8386	3.8691
27	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	12.2589	3.0030
28	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.3668	1.7948
29	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.9403	1.2052
30	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.2970	2.0299
31	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.1375	1.5028
32	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.7284	1.6322
33	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.2104	1.5092
34	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.5002	1.8105
35	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.9301	0.9577
36	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.7086	1.1474
37	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.3413	1.5453
38	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	9.6417	2.3315
39	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	9.5711	2.3281
40	2035	ALT3	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.9971	1.4556
41	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.3092	0.5621
42	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.1162	1.7244
43	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.9190	0.7089
44	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.6176	1.1213
45	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0421	0.4963
46	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.7079	1.3854
47	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.3179	0.0774
48	2035	ALT3	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.2122	1.5044
49	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.5184	0.1256
50	2035	ALT3	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.8125	1.8813
51	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.2866	0.3131
52	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.9539	0.4707
53	2035	ALT3	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	1.5360	0.3675
54	2035	ALT3	EB	PM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	8.4299	2.0262
55	2035	ALT3	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.9513	0.9499
56	2035	ALT3	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	5.2710	1.2628
57	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.8303	0.6858
58	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	9.9423	2.3921
59	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.5374	0.6176
60	2035	ALT3	EB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	10.8457	2.6214
61	2035	ALT3	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	2.6134	0.6407
62	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.4681	1.3398
63	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0774	0.5061
64	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.9226	1.6833
65	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.2465	0.5462
66	2035	ALT3	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	0.7831	0.1865
67	2035	ALT3	EB	PM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	6.1634	1.4632
68	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.3925	1.0462
69	2035	ALT3	EB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	11.0584	2.6093
70	2035	ALT3	EB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.5790	1.5705
71	2035	ALT3	EB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	8.7736	2.0678
72	2035	ALT3	EB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.6971	2.0826
73	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1240	0.0330
74	2035	ALT3	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1431	0.0388
75	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1159	0.0310
76	2035	ALT3	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1933	0.0538
77	2035	ALT3	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1634	0.0468
78	2035	ALT3	EB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1579	0.0443
79	2035	ALT3	EB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1652	0.0513
80	2035	ALT3	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3162	0.0875

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
81	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.5166	0.1341
82	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2700	0.0708
83	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1121	0.0272
84	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2654	0.0661
85	2035	ALT3	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4232	0.1044
86	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4896	0.1240
87	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1564	0.0417
88	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1302	0.0315
89	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0791	0.0205
90	2035	ALT3	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3113	0.0841
91	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2328	0.0556
92	2035	ALT3	EB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.2210	0.0655
93	2035	ALT3	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	2.8101	0.6999
94	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	1.1588	0.2940
95	2035	ALT3	EB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.4049	0.1078
96	2035	ALT3	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3165	0.0770
97	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1679	0.0387
98	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3424	0.0802
99	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3613	0.0906
100	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.6040	0.1467
101	2035	ALT3	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2983	0.0728
102	2035	ALT3	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1925	0.0467
103	2035	ALT3	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1644	0.0414
104	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2076	0.0526
105	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1928	0.0501
106	2035	ALT3	EB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.0336	0.0101
107	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2893	0.0772
108	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1856	0.0500
109	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3097	0.0796
110	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3017	0.0750
111	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2293	0.0564
112	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4002	0.1062
113	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2679	0.0725
114	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1737	0.0463
115	2035	ALT3	EB	PM														
116	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0598	0.0154
117	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1611	0.0403
118	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1613	0.0425
119	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2652	0.0684
120	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1361	0.0353
121	2035	ALT3	EB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.6277	0.1509
122	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	3.3416	0.8425
123	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	2.8337	0.6573
124	2035	ALT3	EB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1015	0.0310
125	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2222	0.0536
126	2035	ALT3	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1027	0.0292
127	2035	ALT3	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2503	0.0690
128	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0616	0.0172
129	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3303	0.0852
130	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3092	0.0796
131	2035	ALT3	EB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.4631	0.1126
132	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3031	0.0789
133	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4433	0.1162
134	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	2.0294	0.5205
135	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3874	0.0997
136	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0677	0.0190
137	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	4.9458	1.0951
138	2035	ALT3	EB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1181	0.0352
139	2035	ALT3	EB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1573	0.0428
140	2035	ALT3	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2803	0.0809
141	2035	ALT3	EB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1425	0.0363
142	2035	ALT3	EB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2644	0.0780
143	2035	ALT3	EB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.5023	0.1297
144	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	4.3107	1.2645
145	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	4.3107	1.2645
146	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	4.3107	1.2645

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
147	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	4.3107	1.2645
148	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	4.3107	1.2645
149	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	4.3107	1.2645
150	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	4.5608	1.3379
151	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	4.5608	1.3379
152	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	4.5608	1.3379
153	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	2.8662	0.8417
154	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	2.8662	0.8417
155	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	2.8662	0.8417
156	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	2.8662	0.8417
157	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	2.8662	0.8417
158	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	2.8662	0.8417
159	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	2.8662	0.8417
160	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	2.8662	0.8417
161	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.5982	0.1755
162	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.5982	0.1755
163	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.5982	0.1755
164	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.5982	0.1755
165	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.5982	0.1755
166	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.5982	0.1755
167	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.5982	0.1755
168	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.5982	0.1755
169	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.5982	0.1755
170	2035	ALT3	EB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.5982	0.1755
171	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1327	0.0390
172	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1327	0.0390
173	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1327	0.0390
174	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1327	0.0390
175	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1327	0.0390
176	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1327	0.0390
177	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1327	0.0390
178	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1327	0.0390
179	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.5221	0.1533
180	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.5221	0.1533
181	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4378	0.1286
182	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4378	0.1286
183	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4378	0.1286
184	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4378	0.1286
185	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4378	0.1286
186	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4378	0.1286
187	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4378	0.1286
188	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4378	0.1286
189	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4378	0.1286
190	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4378	0.1286
191	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1589	0.3403
192	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1589	0.3403
193	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1589	0.3403
194	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1589	0.3403
195	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1589	0.3403
196	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1589	0.3403
197	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1589	0.3403
198	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1589	0.3403
199	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1812	0.0532
200	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1812	0.0532
201	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1812	0.0532
202	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1812	0.0532
203	2035	ALT3	EB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1812	0.0532
204	2035	ALT3	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1949	0.0572
205	2035	ALT3	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1949	0.0572
206	2035	ALT3	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1949	0.0572
207	2035	ALT3	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1949	0.0572
208	2035	ALT3	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1949	0.0572
209	2035	ALT3	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1949	0.0572
210	2035	ALT3	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1284	0.0377
211	2035	ALT3	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1284	0.0377
212	2035	ALT3	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1284	0.0377

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
213	2035	ALT3	EB	PM	0.049641446	0.11235669	0.043235568	0.704155699	0.020789242	0.060277886	0.006485335	0.105623355	0.092877014	0.816512389	0.027274578	0.165901241	0.1284	0.0377
214	2035	ALT3	EB	PM														
215	2035	ALT3	EB	PM														
1	2035	ALT3	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.1451	1.5108
2	2035	ALT3	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	18.5195	3.9040
3	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.8145	0.1724
4	2035	ALT3	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	15.4014	3.2357
5	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.7790	1.2222
6	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.2186	1.9388
7	2035	ALT3	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	13.3620	2.8214
8	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	17.0246	3.5633
9	2035	ALT3	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	13.8814	2.9140
10	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.4787	0.9371
11	2035	ALT3	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.8428	1.8577
12	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.3040	1.3237
13	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.1287	1.0832
14	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.3571	1.7492
15	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.5774	2.2306
16	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.1662	1.3034
17	2035	ALT3	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.9095	2.2957
18	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.4383	1.7876
19	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.2174	1.3187
20	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	13.8957	2.9401
21	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.4546	0.3088
22	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.8731	0.8446
23	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.0977	0.8887
24	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.3798	0.7421
25	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.2307	0.4905
26	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	19.0605	4.2065
27	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	14.2332	3.1409
28	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.9925	1.7536
29	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.1199	1.1293
30	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.8024	1.9407
31	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.4178	1.4169
32	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.2916	1.6005
33	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.6245	1.4597
34	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.2248	1.7963
35	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.1898	0.9215
36	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.0184	1.1037
37	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.7587	1.4865
38	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.1480	2.2172
39	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.8100	2.1505
40	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.6929	1.4601
41	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4755	0.5434
42	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.6920	1.6748
43	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.1409	0.6869
44	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.9658	1.0860
45	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.1867	0.4791
46	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.0989	1.3300
47	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.3302	0.0722
48	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.8858	1.4988
49	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.5623	0.1227
50	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.0051	2.1730
51	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.6237	0.3593
52	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4533	0.5460
53	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.8789	0.4163
54	2035	ALT3	EB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.8650	2.4008
55	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.0189	1.1150
56	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.4748	1.4224
57	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.3943	0.7482
58	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	12.0905	2.6531
59	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.9737	0.6575
60	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	12.8405	2.8333
61	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.8423	0.6340
62	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.8920	1.3068
63	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4602	0.5416

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
64	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.2386	1.8022
65	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.6343	0.5797
66	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.8141	0.1787
67	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.4222	1.3980
68	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.5484	0.9942
69	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	11.2825	2.4374
70	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.5799	1.4252
71	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.6936	1.8520
72	2035	ALT3	EB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.0872	1.7317
73	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1057	0.0251
74	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0761	0.0178
75	2035	ALT3	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1409	0.0337
76	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1779	0.0431
77	2035	ALT3	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1867	0.0455
78	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1395	0.0334
79	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2575	0.0637
80	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2893	0.0701
81	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4891	0.1139
82	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2251	0.0551
83	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1247	0.0262
84	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1196	0.0286
85	2035	ALT3	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.6300	0.1410
86	2035	ALT3	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.6125	0.1338
87	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1311	0.0308
88	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2184	0.0463
89	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0674	0.0154
90	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2208	0.0476
91	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3009	0.0631
92	2035	ALT3	EB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2553	0.0585
93	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	14.6261	2.8188
94	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.4315	0.3068
95	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2769	0.0624
96	2035	ALT3	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3301	0.0749
97	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2100	0.0410
98	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1990	0.0416
99	2035	ALT3	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.5346	0.1167
100	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4232	0.0943
101	2035	ALT3	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1773	0.0376
102	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1381	0.0304
103	2035	ALT3	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1053	0.0246
104	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1572	0.0377
105	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1605	0.0370
106	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0210	0.0052
107	2035	ALT3	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3394	0.0776
108	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1664	0.0415
109	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2674	0.0611
110	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1722	0.0413
111	2035	ALT3	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1020	0.0229
112	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2699	0.0637
113	2035	ALT3	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2518	0.0607
114	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1577	0.0389
115	2035	ALT3	EB	NT														
116	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0486	0.0123
117	2035	ALT3	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1821	0.0418
118	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0755	0.0187
119	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1790	0.0427
120	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0687	0.0168
121	2035	ALT3	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2548	0.0556
122	2035	ALT3	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	4.0187	0.8856
123	2035	ALT3	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	3.4719	0.7477
124	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1664	0.0382
125	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0197	0.0043
126	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0837	0.0201
127	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3849	0.0906
128	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0316	0.0084
129	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3298	0.0743

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
130	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2261	0.0544
131	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4772	0.1039
132	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1687	0.0411
133	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5377	0.1237
134	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.0149	0.2365
135	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4264	0.0963
136	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0549	0.0140
137	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	3.3126	0.6821
138	2035	ALT3	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1130	0.0266
139	2035	ALT3	EB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1321	0.0331
140	2035	ALT3	EB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3457	0.0847
141	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0637	0.0159
142	2035	ALT3	EB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1393	0.0342
143	2035	ALT3	EB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1368	0.0343
144	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3563	0.1056
145	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.9405	0.2787
146	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0405	0.0120
147	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.7953	0.2357
148	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2891	0.0857
149	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4768	0.1413
150	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.6095	0.1806
151	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.8229	0.2438
152	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.6526	0.1934
153	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1768	0.0524
154	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3382	0.1002
155	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2513	0.0745
156	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1978	0.0586
157	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3479	0.1031
158	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4010	0.1188
159	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2293	0.0679
160	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4275	0.1267
161	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2447	0.0725
162	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1756	0.0520
163	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4156	0.1231
164	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0415	0.0123
165	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1945	0.0576
166	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2404	0.0712
167	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1698	0.0503
168	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1102	0.0327
169	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	1.0026	0.2971
170	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.7244	0.2147
171	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4293	0.1272
172	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2513	0.0745
173	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4464	0.1323
174	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3158	0.0936
175	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3777	0.1119
176	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3302	0.0979
177	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4493	0.1331
178	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2180	0.0646
179	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2611	0.0774
180	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3518	0.1043
181	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4914	0.1456
182	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4606	0.1365
183	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3339	0.0989
184	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1156	0.0342
185	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3820	0.1132
186	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1509	0.0447
187	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2385	0.0707
188	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1040	0.0308
189	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3066	0.0908
190	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0162	0.0048
191	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3555	0.1053
192	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0284	0.0084
193	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5527	0.1638
194	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0644	0.0191
195	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0761	0.0225

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
196	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0637	0.0189
197	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3705	0.1098
198	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1657	0.0491
199	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3568	0.1057
200	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1836	0.0544
201	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.6979	0.2068
202	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1620	0.0480
203	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.7431	0.2202
204	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0802	0.0238
205	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1789	0.0530
206	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0806	0.0239
207	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2938	0.0871
208	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0907	0.0269
209	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0230	0.0068
210	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2052	0.0608
211	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1417	0.0420
212	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3790	0.1123
213	2035	ALT3	EB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2182	0.0646
214	2035	ALT3	EB	NT														
215	2035	ALT3	EB	NT														
216	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.9759	0.9585
217	2035	ALT3	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.2623	1.7324
218	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.9422	1.1919
219	2035	ALT3	WB	AM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	7.2612	1.7349
220	2035	ALT3	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.9163	0.9430
221	2035	ALT3	WB	AM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	3.5681	0.8545
222	2035	ALT3	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.9259	0.9458
223	2035	ALT3	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	1.8807	0.4530
224	2035	ALT3	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.0366	0.5037
225	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.3008	0.3224
226	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.6072	1.3896
227	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.1633	0.5404
228	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.1672	0.2919
229	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.1565	1.7676
230	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.6877	0.4173
231	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.7954	0.4407
232	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.8511	0.4560
233	2035	ALT3	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	6.4033	1.5563
234	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.9949	0.2438
235	2035	ALT3	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.9695	0.9649
236	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.4693	0.6021
237	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.5770	0.8608
238	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.1380	0.2745
239	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.0179	0.2459
240	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2886	0.3148
241	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.7810	1.1634
242	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.3464	0.0851
243	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.4190	1.0792
244	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.6499	0.1593
245	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.1666	1.0158
246	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.1590	0.7744
247	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.2610	1.0390
248	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2878	0.3159
249	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.0807	0.9967
250	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.7212	1.6475
251	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.3154	1.2982
252	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.2822	1.0515
253	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0680	0.7533
254	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.9567	0.7260
255	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.2300	1.2784
256	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.1742	0.7788
257	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.1609	1.0196
258	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.6660	0.9051
259	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.3290	1.3149
260	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.5751	0.8815
261	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.4279	1.0903

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
262	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	11.1721	2.7563
263	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.6034	1.3800
264	2035	ALT3	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.2586	0.5522
265	2035	ALT3	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.1828	0.2895
266	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.1728	1.0175
267	2035	ALT3	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.2519	0.3067
268	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.2163	0.0534
269	2035	ALT3	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	5.4217	1.3270
270	2035	ALT3	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.4415	0.5957
271	2035	ALT3	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.5743	0.8673
272	2035	ALT3	WB	AM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.5628	0.6214
273	2035	ALT3	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.5066	0.6089
274	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.8386	0.6908
275	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.5897	1.1151
276	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.2219	0.2971
277	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.6573	0.6433
278	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.4602	0.3526
279	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.8726	0.6932
280	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.7954	0.6716
281	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.1260	0.5149
282	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.0385	0.7331
283	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.9059	0.7042
284	2035	ALT3	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.6434	0.8826
285	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.5256	0.6163
286	2035	ALT3	WB	AM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	2.2095	0.5375
287	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.8947	0.9482
288	2035	ALT3	WB	AM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.4037	0.0990
289	2035	ALT3	WB	AM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.1911	1.0238
290	2035	ALT3	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3395	0.0870
291	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1559	0.0406
292	2035	ALT3	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0602	0.0155
293	2035	ALT3	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1494	0.0432
294	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1153	0.0304
295	2035	ALT3	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1229	0.0346
296	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0765	0.0204
297	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	3.1541	0.7009
298	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0136	0.0036
299	2035	ALT3	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1209	0.0310
300	2035	ALT3	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.2239	0.3139
301	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1744	0.0456
302	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0856	0.0235
303	2035	ALT3	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0579	0.0134
304	2035	ALT3	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0938	0.0269
305	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1244	0.0302
306	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1142	0.0322
307	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0600	0.0159
308	2035	ALT3	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1571	0.0446
309	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0603	0.0146
310	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.7178	0.1794
311	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1284	0.0331
312	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0740	0.0189
313	2035	ALT3	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.6499	0.1614
314	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0988	0.0261
315	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1366	0.0349
316	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0789	0.0209
317	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0873	0.0219
318	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0722	0.0189
319	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1568	0.0407
320	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0829	0.0215
321	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1529	0.0415
322	2035	ALT3	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0801	0.0224
323	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3334	0.0824
324	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0812	0.0199
325	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3984	0.1068
326	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1250	0.0316
327	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2107	0.0571

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
328	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0789	0.0202
329	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1531	0.0400
330	2035	ALT3	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0496	0.0122
331	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3427	0.0866
332	2035	ALT3	WB	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1002	0.0242
333	2035	ALT3	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2358	0.0579
334	2035	ALT3	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1459	0.0353
335	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3573	0.0893
336	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3087	0.0738
337	2035	ALT3	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0947	0.0220
338	2035	ALT3	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0858	0.0196
339	2035	ALT3	WB	AM	0.049790298	0.109834892	0.071945858	1.171745577	0.020927273	0.057957906	0.010791879	0.175761837	0.121736156	1.281580469	0.031719152	0.233719743	0.4792	0.1176
340	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.4355	0.3601
341	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	1.1393	0.2848
342	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2447	0.0617
343	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0868	0.0202
344	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2098	0.0532
345	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0225	0.0054
346	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0633	0.0158
347	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0922	0.0245
348	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.9075	0.2263
349	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1317	0.0317
350	2035	ALT3	WB	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2248	0.0560
351	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0571	0.0128
352	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0516	0.0131
353	2035	ALT3	WB	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1956	0.0486
354	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2932	0.0783
355	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1107	0.0281
356	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1241	0.0339
357	2035	ALT3	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2335	0.0665
358	2035	ALT3	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1405	0.0357
359	2035	ALT3	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1394	0.0399
360	2035	ALT3	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1024	0.0285
361	2035	ALT3	WB	AM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0855	0.0241
362	2035	ALT3	WB	AM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1302	0.0324
363	2035	ALT3	WB	AM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1523	0.0416
364	2035	ALT3	WB	AM														
365	2035	ALT3	WB	AM														
366	2035	ALT3	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.4091	0.1200
367	2035	ALT3	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.6150	0.1804
368	2035	ALT3	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3115	0.0914
369	2035	ALT3	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2951	0.0866
370	2035	ALT3	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.3074	0.0902
371	2035	ALT3	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1416	0.0415
372	2035	ALT3	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2188	0.0642
373	2035	ALT3	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1433	0.0420
374	2035	ALT3	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.6426	0.1885
375	2035	ALT3	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.2143	0.0629
376	2035	ALT3	WB	AM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.0999	0.0293
377	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.2050	0.3539
378	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2691	0.0790
379	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3016	0.0886
380	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2803	0.0823
381	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.0271	0.3016
382	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1511	0.0444
383	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.6452	0.1895
384	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3821	0.1122
385	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.9525	0.2797
386	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2838	0.0833
387	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2480	0.0728
388	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2512	0.0738
389	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.9847	0.2892
390	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0466	0.0137
391	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6226	0.1834
392	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0886	0.0261
393	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5871	0.1730

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
394	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4188	0.1234
395	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5976	0.1761
396	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1710	0.0504
397	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5931	0.1747
398	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.8570	0.2525
399	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7303	0.2152
400	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5266	0.1552
401	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3771	0.1111
402	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3636	0.1071
403	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7895	0.2326
404	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4458	0.1314
405	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6169	0.1817
406	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4786	0.1410
407	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7217	0.2126
408	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4514	0.1330
409	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6298	0.1856
410	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.8674	0.5484
411	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.0003	0.2937
412	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3833	0.1126
413	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1960	0.0575
414	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.8356	0.2454
415	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1958	0.0575
416	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0305	0.0090
417	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.8549	0.2510
418	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3677	0.1080
419	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.6057	0.1779
420	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4327	0.1275
421	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4095	0.1207
422	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4862	0.1433
423	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.9374	0.2762
424	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2293	0.0676
425	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5418	0.1596
426	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2853	0.0840
427	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5453	0.1607
428	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5822	0.1715
429	2035	ALT3	WB	AM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3882	0.1144
430	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.6255	0.1837
431	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.5639	0.1656
432	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.6640	0.1950
433	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.5852	0.1719
434	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4920	0.1445
435	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.9439	0.2772
436	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0905	0.0266
437	2035	ALT3	WB	AM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.0041	0.2949
216	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.4967	1.4567
217	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.2491	2.7346
218	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.8961	2.0300
219	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	13.1313	2.9844
220	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.1411	1.6382
221	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.5190	1.4870
222	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.2252	1.6626
223	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.4736	0.8014
224	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.5936	0.8465
225	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2846	0.5364
226	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.9624	2.3324
227	2035	ALT3	WB	MD	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.6851	0.8737
228	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.0426	0.4864
229	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	13.0388	3.0675
230	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.1651	0.7466
231	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.4222	0.8032
232	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.5550	0.8371
233	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	12.5751	2.9427
234	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.9773	0.4652
235	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.9919	1.8745
236	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.0603	1.1895
237	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.9626	1.6325

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
238	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2322	0.5255
239	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.9862	0.4682
240	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.5010	0.5963
241	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.2730	2.2015
242	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.6355	0.1516
243	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.0851	1.9181
244	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.1928	0.2834
245	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.6447	1.8100
246	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.7688	1.3705
247	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.7433	1.8309
248	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.3267	0.5518
249	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.3026	1.7240
250	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	12.0980	2.8703
251	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.6225	2.2757
252	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.6304	1.8111
253	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.4652	1.2972
254	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.2669	1.2502
255	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.5218	2.2440
256	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.7489	1.3601
257	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.4880	1.7660
258	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.4324	1.5239
259	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.3130	2.2045
260	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.3216	1.4988
261	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.9843	1.8913
262	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	20.5777	4.8396
263	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.2864	2.4192
264	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.2990	1.0104
265	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.2775	0.5353
266	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.8751	1.8288
267	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.4547	0.5714
268	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.4272	0.0998
269	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	10.9538	2.5476
270	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.0771	1.1805
271	2035	ALT3	WB	MD	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	7.7822	1.7961
272	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.3970	1.2439
273	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.3830	1.2420
274	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.1315	1.4142
275	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	10.1012	2.3171
276	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.8178	0.6470
277	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.2092	1.4147
278	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	3.4817	0.7940
279	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.8175	1.5563
280	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.6444	1.5055
281	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.9247	1.1238
282	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.1318	1.6215
283	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.6387	1.5122
284	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.2364	1.8863
285	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.7826	1.3214
286	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.1571	1.1841
287	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.1933	2.0991
288	2035	ALT3	WB	MD	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.9435	0.2169
289	2035	ALT3	WB	MD	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	9.9157	2.2682
290	2035	ALT3	WB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2794	0.0691
291	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2346	0.0593
292	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0938	0.0236
293	2035	ALT3	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.3096	0.0855
294	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2002	0.0498
295	2035	ALT3	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2560	0.0714
296	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1504	0.0377
297	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	6.4142	1.3608
298	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0286	0.0074
299	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1429	0.0361
300	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.5026	0.3738
301	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3609	0.0925
302	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0860	0.0214
303	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1671	0.0397

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
304	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1386	0.0352
305	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2939	0.0701
306	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1404	0.0375
307	2035	ALT3	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1605	0.0446
308	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2585	0.0665
309	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1740	0.0433
310	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.5695	0.3615
311	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2801	0.0718
312	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1142	0.0280
313	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.2420	0.3008
314	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1957	0.0506
315	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2691	0.0676
316	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1629	0.0429
317	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1708	0.0420
318	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1343	0.0346
319	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2682	0.0677
320	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1635	0.0420
321	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2437	0.0637
322	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1550	0.0396
323	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.6250	0.1482
324	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1353	0.0325
325	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.6025	0.1480
326	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2696	0.0688
327	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4056	0.1013
328	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1453	0.0366
329	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2587	0.0648
330	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1014	0.0245
331	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4912	0.1172
332	2035	ALT3	WB	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1963	0.0455
333	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4783	0.1115
334	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2182	0.0502
335	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.7274	0.1635
336	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.6044	0.1382
337	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2952	0.0687
338	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2346	0.0496
339	2035	ALT3	WB	MD	0.049641446	0.11235669	0.071945858	1.171745577	0.020789242	0.060277886	0.010791879	0.175761837	0.121587304	1.284102267	0.031581121	0.236039722	0.9945	0.2353
340	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	3.1917	0.7188
341	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	2.4036	0.5648
342	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3902	0.0913
343	2035	ALT3	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2937	0.0721
344	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2652	0.0609
345	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.0805	0.0195
346	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2206	0.0529
347	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1652	0.0399
348	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.7562	0.4070
349	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4622	0.1035
350	2035	ALT3	WB	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4418	0.1089
351	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2012	0.0471
352	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1012	0.0260
353	2035	ALT3	WB	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4569	0.1126
354	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.5542	0.1410
355	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2518	0.0646
356	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1582	0.0416
357	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4226	0.1106
358	2035	ALT3	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2815	0.0716
359	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2328	0.0611
360	2035	ALT3	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2067	0.0566
361	2035	ALT3	WB	MD	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1765	0.0478
362	2035	ALT3	WB	MD	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2540	0.0609
363	2035	ALT3	WB	MD	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2906	0.0779
364	2035	ALT3	WB	MD														
365	2035	ALT3	WB	MD														
366	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4218	0.1243
367	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6341	0.1868
368	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3211	0.0946
369	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3045	0.0897

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
370	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3177	0.0936
371	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1462	0.0431
372	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2260	0.0666
373	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1479	0.0436
374	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6636	0.1955
375	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2213	0.0652
376	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1032	0.0304
377	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.4821	0.4367
378	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3308	0.0975
379	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4065	0.1198
380	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3777	0.1113
381	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.3840	0.4078
382	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2036	0.0600
383	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.8693	0.2561
384	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5147	0.1517
385	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2836	0.3782
386	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3823	0.1126
387	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3343	0.0985
388	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3384	0.0997
389	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.3270	0.3910
390	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0828	0.0244
391	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.1066	0.3260
392	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1573	0.0463
393	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.0436	0.3075
394	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7442	0.2193
395	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.0623	0.3130
396	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3041	0.0896
397	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.0543	0.3106
398	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.5231	0.4487
399	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2979	0.3824
400	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.9360	0.2758
401	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6702	0.1975
402	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6462	0.1904
403	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.1851	0.3492
404	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6694	0.1972
405	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.9259	0.2728
406	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.7184	0.2117
407	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.0832	0.3191
408	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.6776	0.1996
409	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.9454	0.2785
410	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	2.8374	0.8360
411	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.5196	0.4477
412	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5824	0.1716
413	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2978	0.0877
414	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2694	0.3740
415	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2976	0.0877
416	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0461	0.0136
417	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2987	0.3826
418	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5586	0.1646
419	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.9204	0.2712
420	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.8921	0.2628
421	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.8445	0.2488
422	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.0026	0.2954
423	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.9330	0.5695
424	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4727	0.1393
425	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.1172	0.3292
426	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5879	0.1732
427	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.1244	0.3313
428	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2005	0.3537
429	2035	ALT3	WB	MD	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.8004	0.2358
430	2035	ALT3	WB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.2335	0.3622
431	2035	ALT3	WB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1116	0.3265
432	2035	ALT3	WB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.3092	0.3845
433	2035	ALT3	WB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.9902	0.2908
434	2035	ALT3	WB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.8323	0.2444
435	2035	ALT3	WB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.5969	0.4690

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
436	2035	ALT3	WB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1532	0.0450
437	2035	ALT3	WB	MD	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.6985	0.4988
216	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.2879	0.9807
217	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.0412	1.8304
218	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.9608	1.3878
219	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	8.7876	2.0374
220	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.7818	1.1183
221	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.3482	1.0110
222	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.8517	1.1367
223	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.3505	0.5522
224	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.1865	0.5277
225	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.4009	0.3376
226	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.1231	1.4735
227	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.3800	0.5782
228	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.3429	0.3288
229	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.3949	2.0332
230	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.1465	0.5233
231	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.3264	0.5657
232	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	2.4194	0.5887
233	2035	ALT3	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	8.5827	2.0690
234	2035	ALT3	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	1.3675	0.3317
235	2035	ALT3	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	5.5566	1.3435
236	2035	ALT3	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.5812	0.8703
237	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.4475	1.3230
238	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.7697	0.4310
239	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.5773	0.3845
240	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0339	0.5007
241	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.5648	1.8564
242	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.5227	0.1287
243	2035	ALT3	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.6730	1.6314
244	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.9896	0.2433
245	2035	ALT3	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.2735	1.5309
246	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.7558	1.1686
247	2035	ALT3	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.3598	1.5504
248	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.8988	0.4657
249	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.0492	1.4826
250	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	9.9550	2.4444
251	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.6492	1.8712
252	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.0377	1.4803
253	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.3227	1.0599
254	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.1685	1.0220
255	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	7.2821	1.7719
256	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	4.3786	1.0687
257	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.5515	1.3486
258	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.7404	1.1580
259	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.7438	1.6440
260	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	4.5213	1.1039
261	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	5.5734	1.3589
262	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	14.2446	3.4711
263	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	7.1168	1.7382
264	2035	ALT3	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.9808	0.7230
265	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.5883	0.3878
266	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.3241	1.3041
267	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	1.5504	0.3816
268	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	0.2690	0.0666
269	2035	ALT3	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	6.9834	1.7251
270	2035	ALT3	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	3.2167	0.7942
271	2035	ALT3	WB	PM	0.050067729	0.108275529	0.062529394	1.018384415	0.021184452	0.056523413	0.009379409	0.152757662	0.112597122	1.126659944	0.030563861	0.209281075	4.8932	1.2178
272	2035	ALT3	WB	PM	0.049790298	0.109834892	0.062529394	1.018384415	0.020927273	0.057957906	0.009379409	0.152757662	0.112319692	1.128219307	0.030306682	0.210715569	3.3560	0.8268
273	2035	ALT3	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.3490	0.8272
274	2035	ALT3	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.7901	0.9348
275	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	6.1534	1.5315
276	2035	ALT3	WB	PM	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	1.7241	0.4326
277	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.6354	0.9066
278	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	2.0491	0.5103
279	2035	ALT3	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.1057	1.0183

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
280	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	3.8294	0.9495
281	2035	ALT3	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.8733	0.7109
282	2035	ALT3	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	4.0732	1.0058
283	2035	ALT3	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.8400	0.9502
284	2035	ALT3	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	4.8119	1.1918
285	2035	ALT3	WB	PM	0.049595393	0.115860105	0.062529394	1.018384415	0.020746462	0.063500979	0.009379409	0.152757662	0.112124787	1.13424452	0.030125871	0.216258642	3.3197	0.8252
286	2035	ALT3	WB	PM	0.049641446	0.11235669	0.062529394	1.018384415	0.020789242	0.060277886	0.009379409	0.152757662	0.112170839	1.130741105	0.030168651	0.213035548	2.9646	0.7375
287	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.1166	1.2806
288	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	0.5319	0.1334
289	2035	ALT3	WB	PM	0.049641972	0.120484665	0.062529394	1.018384415	0.020789509	0.067755544	0.009379409	0.152757662	0.112171366	1.13886908	0.030168918	0.220513206	5.4045	1.3543
290	2035	ALT3	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2161	0.0541
291	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1715	0.0438
292	2035	ALT3	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0681	0.0173
293	2035	ALT3	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2104	0.0586
294	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1492	0.0384
295	2035	ALT3	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1902	0.0545
296	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1212	0.0308
297	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	5.2577	1.1661
298	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0140	0.0035
299	2035	ALT3	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0812	0.0201
300	2035	ALT3	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.4131	0.3536
301	2035	ALT3	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2634	0.0729
302	2035	ALT3	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0515	0.0127
303	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1804	0.0462
304	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0896	0.0223
305	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2851	0.0746
306	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0835	0.0214
307	2035	ALT3	WB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1363	0.0427
308	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1550	0.0389
309	2035	ALT3	WB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1597	0.0472
310	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.9745	0.2411
311	2035	ALT3	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2689	0.0759
312	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1004	0.0252
313	2035	ALT3	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.1093	0.2758
314	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1536	0.0404
315	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2154	0.0552
316	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1144	0.0304
317	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1579	0.0415
318	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1435	0.0381
319	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2329	0.0603
320	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1406	0.0383
321	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1690	0.0449
322	2035	ALT3	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1120	0.0310
323	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4946	0.1235
324	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1659	0.0416
325	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.4596	0.1200
326	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2311	0.0609
327	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2444	0.0633
328	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1291	0.0332
329	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1866	0.0481
330	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1129	0.0286
331	2035	ALT3	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3371	0.0826
332	2035	ALT3	WB	PM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2059	0.0501
333	2035	ALT3	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2907	0.0703
334	2035	ALT3	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1910	0.0456
335	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4368	0.1065
336	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4219	0.0968
337	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2132	0.0523
338	2035	ALT3	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1791	0.0429
339	2035	ALT3	WB	PM	0.049790298	0.109834892	0.071945858	1.171745577	0.020927273	0.057957906	0.010791879	0.175761837	0.121736156	1.281580469	0.031719152	0.233719743	0.7859	0.1820
340	2035	ALT3	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.5678	0.3835
341	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	1.5265	0.3924
342	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2188	0.0502
343	2035	ALT3	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1750	0.0480
344	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1973	0.0464
345	2035	ALT3	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.0770	0.0215

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
346	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1365	0.0366
347	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1181	0.0313
348	2035	ALT3	WB	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	1.1866	0.2798
349	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2881	0.0760
350	2035	ALT3	WB	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4243	0.1068
351	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1274	0.0320
352	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1230	0.0314
353	2035	ALT3	WB	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.4075	0.1065
354	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.3631	0.0965
355	2035	ALT3	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1979	0.0562
356	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1267	0.0343
357	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2914	0.0786
358	2035	ALT3	WB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1996	0.0562
359	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1479	0.0398
360	2035	ALT3	WB	PM	0.062645932	0.122260433	0.071945858	1.171745577	0.032847359	0.069392952	0.010791879	0.175761837	0.13459179	1.29400601	0.043639238	0.245154788	0.1743	0.0500
361	2035	ALT3	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.1169	0.0328
362	2035	ALT3	WB	PM	0.0574436	0.118694276	0.071945858	1.171745577	0.028022065	0.066111267	0.010791879	0.175761837	0.129389458	1.290439853	0.038813944	0.241873104	0.2358	0.0650
363	2035	ALT3	WB	PM	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2176	0.0593
364	2035	ALT3	WB	PM														
365	2035	ALT3	WB	PM														
366	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.3281	0.0967
367	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.4932	0.1453
368	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2498	0.0736
369	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2367	0.0697
370	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2465	0.0726
371	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1136	0.0335
372	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1755	0.0517
373	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1148	0.0338
374	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.5154	0.1518
375	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.1719	0.0506
376	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.0802	0.0236
377	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	1.2311	0.3627
378	2035	ALT3	WB	PM	0.049784205	0.120484665	0.043235568	0.704155699	0.020921191	0.067755544	0.006485335	0.105623355	0.093019774	0.824640364	0.027406526	0.173378898	0.2748	0.0810
379	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4271	0.1254
380	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3968	0.1165
381	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.4544	0.4271
382	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2142	0.0629
383	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.9136	0.2683
384	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.5410	0.1589
385	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.3490	0.3961
386	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4017	0.1180
387	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3512	0.1031
388	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3557	0.1044
389	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.3946	0.4096
390	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0846	0.0248
391	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1301	0.3319
392	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.1607	0.0472
393	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.0656	0.3129
394	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.7601	0.2232
395	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.0848	0.3186
396	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.3106	0.0912
397	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.0766	0.3162
398	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.5554	0.4568
399	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.3254	0.3892
400	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.9556	0.2806
401	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.6845	0.2010
402	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.6597	0.1937
403	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.2365	0.3631
404	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.6984	0.2051
405	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.9661	0.2837
406	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.7496	0.2201
407	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1301	0.3319
408	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.7068	0.2076
409	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.9865	0.2897
410	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	2.5964	0.7625
411	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.3905	0.4083

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
412	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.5330	0.1565
413	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2725	0.0800
414	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1616	0.3411
415	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.2723	0.0800
416	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.0424	0.0124
417	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1884	0.3490
418	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.5111	0.1501
419	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.8422	0.2473
420	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.8227	0.2416
421	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.7789	0.2287
422	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.9247	0.2716
423	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.7826	0.5235
424	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.4359	0.1280
425	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.0304	0.3026
426	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.5422	0.1592
427	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.0369	0.3045
428	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	1.1071	0.3251
429	2035	ALT3	WB	PM	0.049641972	0.120484665	0.043235568	0.704155699	0.020789509	0.067755544	0.006485335	0.105623355	0.09287754	0.824640364	0.027274844	0.173378898	0.7382	0.2168
430	2035	ALT3	WB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	1.1432	0.3354
431	2035	ALT3	WB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	1.0305	0.3023
432	2035	ALT3	WB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	1.2136	0.3560
433	2035	ALT3	WB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.9377	0.2751
434	2035	ALT3	WB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.7883	0.2313
435	2035	ALT3	WB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	1.5124	0.4437
436	2035	ALT3	WB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	0.1449	0.0425
437	2035	ALT3	WB	PM	0.049595393	0.115860105	0.043235568	0.704155699	0.020746462	0.063500979	0.006485335	0.105623355	0.092830962	0.820015804	0.027231797	0.169124334	1.6086	0.4719
216	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.4644	1.1594
217	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.4313	2.2052
218	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.1102	1.5263
219	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.5670	2.2635
220	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.7122	1.2360
221	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.2597	1.1334
222	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.7613	1.2511
223	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.7021	0.5877
224	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.7506	0.8104
225	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.4289	0.5238
226	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.7619	2.3161
227	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.7617	0.8161
228	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.0319	0.4471
229	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	13.7383	2.9944
230	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.2690	0.7160
231	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.6353	0.7921
232	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.6631	0.8044
233	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	13.2054	2.8916
234	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.0647	0.4556
235	2035	ALT3	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.5093	1.8675
236	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.2490	1.1573
237	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.6741	1.8757
238	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.6965	0.5856
239	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.3722	0.5156
240	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.7331	0.6016
241	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.4860	2.3005
242	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.6857	0.1507
243	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.8161	1.9257
244	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.2943	0.2835
245	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.4768	1.8526
246	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.2193	1.3640
247	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.5462	1.8636
248	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.5314	0.5545
249	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.2218	1.7887
250	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	12.8480	2.8133
251	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.5583	2.3012
252	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.0493	1.7625
253	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.7642	1.2622
254	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.5584	1.2171
255	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.3251	2.2407

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
256	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.0310	1.3143
257	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.0288	1.7412
258	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.6065	1.4404
259	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	9.6668	2.1019
260	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.3962	1.3956
261	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.3373	1.8112
262	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	21.3639	4.6457
263	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.9437	2.3758
264	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	4.4892	0.9739
265	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.3131	0.5017
266	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.2679	1.7652
267	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	2.5881	0.5557
268	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	0.4416	0.0956
269	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	11.9055	2.5745
270	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.4641	1.1831
271	2035	ALT3	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	8.5967	1.8538
272	2035	ALT3	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	6.0776	1.3039
273	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.9847	1.2895
274	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.8824	1.4776
275	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	11.8809	2.5333
276	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.1634	0.6813
277	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.1907	1.5390
278	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	3.9482	0.8456
279	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.7633	1.6674
280	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.9012	1.6840
281	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.6370	1.2117
282	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	8.3895	1.7948
283	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	7.7393	1.6603
284	2035	ALT3	WB	NT	0.049784205	0.120484665	0.062529394	1.018384415	0.020921191	0.067755544	0.009379409	0.152757662	0.112313599	1.13886908	0.0303006	0.220513206	9.4113	2.0248
285	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	6.8834	1.4732
286	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	5.9343	1.2727
287	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	10.9031	2.3244
288	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	1.0905	0.2338
289	2035	ALT3	WB	NT	0.050033159	0.120484665	0.062529394	1.018384415	0.021151838	0.067755544	0.009379409	0.152757662	0.112562553	1.13886908	0.030531247	0.220513206	11.7994	2.5233
290	2035	ALT3	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1419	0.0347
291	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1102	0.0270
292	2035	ALT3	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0475	0.0118
293	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2227	0.0552
294	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1248	0.0297
295	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1650	0.0412
296	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0503	0.0117
297	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	1.5330	0.3369
298	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0117	0.0029
299	2035	ALT3	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0682	0.0163
300	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.7269	0.1775
301	2035	ALT3	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3038	0.0705
302	2035	ALT3	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0382	0.0091
303	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1317	0.0297
304	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0821	0.0196
305	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1865	0.0421
306	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0695	0.0172
307	2035	ALT3	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.1500	0.0382
308	2035	ALT3	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1678	0.0389
309	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1069	0.0244
310	2035	ALT3	WB	NT	0.049641446	0.11235669	0.071945858	1.171745577	0.020789242	0.060277886	0.010791879	0.175761837	0.121587304	1.284102267	0.031581121	0.236039722	1.2198	0.2653
311	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1960	0.0463
312	2035	ALT3	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.0504	0.0118
313	2035	ALT3	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.8419	0.1929
314	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0835	0.0204
315	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1583	0.0388
316	2035	ALT3	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1348	0.0335
317	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1556	0.0365
318	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0500	0.0125
319	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1498	0.0365
320	2035	ALT3	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1097	0.0270
321	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1882	0.0462

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
322	2035	ALT3	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1094	0.0257
323	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3930	0.0889
324	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0775	0.0184
325	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3793	0.0886
326	2035	ALT3	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1929	0.0474
327	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3359	0.0769
328	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0957	0.0234
329	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1388	0.0337
330	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0677	0.0160
331	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2970	0.0675
332	2035	ALT3	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1514	0.0342
333	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3366	0.0745
334	2035	ALT3	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1525	0.0336
335	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.5575	0.1176
336	2035	ALT3	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.4112	0.0880
337	2035	ALT3	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2421	0.0491
338	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0550	0.0110
339	2035	ALT3	WB	NT	0.049641446	0.11235669	0.071945858	1.171745577	0.020789242	0.060277886	0.010791879	0.175761837	0.121587304	1.284102267	0.031581121	0.236039722	0.8752	0.1951
340	2035	ALT3	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	3.4177	0.7055
341	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	2.1452	0.4824
342	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1976	0.0419
343	2035	ALT3	WB	NT	0.054299121	0.114438308	0.071945858	1.171745577	0.025106809	0.062194699	0.010791879	0.175761837	0.126244979	1.286183886	0.035898688	0.237956535	0.2741	0.0602
344	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1895	0.0407
345	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.0698	0.0153
346	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1804	0.0402
347	2035	ALT3	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1363	0.0317
348	2035	ALT3	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	1.4167	0.3056
349	2035	ALT3	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3438	0.0798
350	2035	ALT3	WB	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2785	0.0664
351	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1543	0.0325
352	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1315	0.0306
353	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2759	0.0662
354	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.4089	0.0975
355	2035	ALT3	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1625	0.0390
356	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1316	0.0312
357	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2980	0.0735
358	2035	ALT3	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1809	0.0429
359	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1921	0.0470
360	2035	ALT3	WB	NT	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1364	0.0322
361	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.1212	0.0291
362	2035	ALT3	WB	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1327	0.0302
363	2035	ALT3	WB	NT	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2271	0.0561
364	2035	ALT3	WB	NT														
365	2035	ALT3	WB	NT														
366	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2064	0.0612
367	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3103	0.0919
368	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1571	0.0466
369	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1489	0.0441
370	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1606	0.0476
371	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0740	0.0219
372	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1143	0.0339
373	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0748	0.0222
374	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3356	0.0994
375	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1119	0.0331
376	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0522	0.0155
377	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.7211	0.2137
378	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1610	0.0477
379	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1585	0.0470
380	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1472	0.0436
381	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5393	0.1598
382	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0794	0.0235
383	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3389	0.1004
384	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2007	0.0595
385	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5003	0.1482
386	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1491	0.0442
387	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1304	0.0386

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
388	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1320	0.0391
389	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5171	0.1532
390	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0395	0.0117
391	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5282	0.1565
392	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0751	0.0222
393	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4982	0.1476
394	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3553	0.1053
395	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5071	0.1503
396	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1452	0.0430
397	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5032	0.1491
398	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.7271	0.2154
399	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.6195	0.1836
400	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4468	0.1324
401	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3199	0.0948
402	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3084	0.0914
403	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5735	0.1699
404	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3241	0.0960
405	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4481	0.1328
406	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3477	0.1030
407	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5241	0.1553
408	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3280	0.0972
409	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4575	0.1356
410	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	1.1500	0.3408
411	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.6158	0.1825
412	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2361	0.0699
413	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1207	0.0358
414	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5145	0.1524
415	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.1207	0.0358
416	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0187	0.0055
417	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5264	0.1560
418	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2264	0.0671
419	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3730	0.1105
420	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3876	0.1149
421	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3670	0.1088
422	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4357	0.1291
423	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.8400	0.2489
424	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2054	0.0609
425	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4855	0.1439
426	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.2556	0.0757
427	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4886	0.1448
428	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5217	0.1546
429	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.3479	0.1031
430	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5289	0.1567
431	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4766	0.1412
432	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5613	0.1663
433	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.5182	0.1535
434	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.4357	0.1291
435	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.8359	0.2477
436	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.0802	0.0238
437	2035	ALT3	WB	NT	0.050033159	0.120484665	0.043235568	0.704155699	0.021151838	0.067755544	0.006485335	0.105623355	0.093268727	0.824640364	0.027637173	0.173378898	0.8891	0.2635
1	2045	ALT1	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.5975	0.6050
2	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.5029	1.5191
3	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.2974	0.0697
4	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.4650	1.2756
5	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.1202	0.4978
6	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.2721	0.7630
7	2045	ALT1	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.9289	1.1483
8	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.1905	1.4441
9	2045	ALT1	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.2270	1.2176
10	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.5925	0.3715
11	2045	ALT1	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.3774	0.7903
12	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.3216	0.5465
13	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.0107	0.4777
14	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.0776	0.7323
15	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.0593	0.9637
16	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.3436	0.5556

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
17	2045	ALT1	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.8828	0.9126
18	2045	ALT1	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.3616	0.8015
19	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.4813	0.5937
20	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.1071	1.2204
21	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.5387	0.1288
22	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.0600	0.4949
23	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.1378	0.5121
24	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.8966	0.4558
25	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.2414	0.2977
26	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.3258	2.4914
27	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.7235	1.8594
28	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.3060	1.0395
29	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.8943	0.7006
30	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.8883	1.1850
31	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.6814	0.8943
32	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.1627	1.0100
33	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.9200	0.9545
34	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.8203	1.1679
35	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.5668	0.6267
36	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.0746	0.7507
37	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.1424	1.0113
38	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.2972	1.5400
39	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.2983	1.5471
40	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.0832	1.0008
41	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.5505	0.3809
42	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.9120	1.2029
43	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.0298	0.4991
44	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.2075	0.7887
45	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.3472	0.3311
46	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.7699	0.9238
47	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.2070	0.0508
48	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.2177	1.0354
49	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.3476	0.0854
50	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.5745	1.3679
51	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.9327	0.2279
52	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.3710	0.3351
53	2045	ALT1	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.0656	0.2580
54	2045	ALT1	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.7397	1.3875
55	2045	ALT1	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.6475	0.6431
56	2045	ALT1	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.4778	0.8375
57	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.8119	0.4397
58	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.1729	1.4927
59	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.5032	0.3639
60	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.2197	1.4988
61	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.3271	0.3199
62	2045	ALT1	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.6769	0.6439
63	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.0539	0.2513
64	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.2993	0.7818
65	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.0475	0.2486
66	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.4259	0.0990
67	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.2680	0.7516
68	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.3249	0.5360
69	2045	ALT1	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.6722	1.2959
70	2045	ALT1	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.3177	0.7616
71	2045	ALT1	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.9580	0.8838
72	2045	ALT1	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.7464	0.8418
73	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1144	0.0287
74	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0836	0.0215
75	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0926	0.0240
76	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1326	0.0342
77	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1055	0.0274
78	2045	ALT1	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1070	0.0291
79	2045	ALT1	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1247	0.0340
80	2045	ALT1	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2553	0.0706
81	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3202	0.0766
82	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2743	0.0729

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
83	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0881	0.0203
84	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1419	0.0356
85	2045	ALT1	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4373	0.0987
86	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3358	0.0789
87	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0747	0.0188
88	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1807	0.0435
89	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0390	0.0098
90	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0889	0.0192
91	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2863	0.0708
92	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1117	0.0260
93	2045	ALT1	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	2.2686	0.5081
94	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.8524	0.2067
95	2045	ALT1	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2284	0.0595
96	2045	ALT1	EB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0804	0.0193
97	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1633	0.0363
98	2045	ALT1	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1112	0.0239
99	2045	ALT1	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2886	0.0658
100	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3579	0.0863
101	2045	ALT1	EB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1514	0.0340
102	2045	ALT1	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1595	0.0389
103	2045	ALT1	EB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0649	0.0155
104	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1777	0.0455
105	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1019	0.0251
106	2045	ALT1	EB	AM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.0255	0.0078
107	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1744	0.0408
108	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1714	0.0460
109	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1787	0.0426
110	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2252	0.0574
111	2045	ALT1	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1175	0.0284
112	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2347	0.0590
113	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1093	0.0268
114	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1379	0.0366
115	2045	ALT1	EB	AM														
116	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0594	0.0153
117	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1047	0.0254
118	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0646	0.0165
119	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1680	0.0419
120	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0619	0.0158
121	2045	ALT1	EB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3242	0.0771
122	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	2.4865	0.5926
123	2045	ALT1	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.7476	0.4136
124	2045	ALT1	EB	AM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.0856	0.0262
125	2045	ALT1	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2015	0.0542
126	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0396	0.0097
127	2045	ALT1	EB	AM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.2222	0.0664
128	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0104	0.0026
129	2045	ALT1	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3026	0.0819
130	2045	ALT1	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0973	0.0232
131	2045	ALT1	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.4191	0.1147
132	2045	ALT1	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0663	0.0157
133	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3531	0.0934
134	2045	ALT1	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.7822	0.1875
135	2045	ALT1	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3228	0.0823
136	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0189	0.0046
137	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	3.7199	0.8004
138	2045	ALT1	EB	AM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.0893	0.0266
139	2045	ALT1	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0760	0.0191
140	2045	ALT1	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2212	0.0606
141	2045	ALT1	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0362	0.0090
142	2045	ALT1	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1315	0.0329
143	2045	ALT1	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1073	0.0268
144	2045	ALT1	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1576	0.0455
145	2045	ALT1	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4160	0.1201
146	2045	ALT1	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0180	0.0052
147	2045	ALT1	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3518	0.1016
148	2045	ALT1	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1280	0.0370

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
149	2045	ALT1	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2294	0.0663
150	2045	ALT1	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3198	0.0924
151	2045	ALT1	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4318	0.1247
152	2045	ALT1	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3424	0.0989
153	2045	ALT1	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1348	0.0390
154	2045	ALT1	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2579	0.0746
155	2045	ALT1	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1917	0.0554
156	2045	ALT1	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1509	0.0436
157	2045	ALT1	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2653	0.0767
158	2045	ALT1	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3057	0.0884
159	2045	ALT1	EB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2118	0.0614
160	2045	ALT1	EB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.3945	0.1145
161	2045	ALT1	EB	AM														
162	2045	ALT1	EB	AM														
163	2045	ALT1	EB	AM														
164	2045	ALT1	EB	AM														
165	2045	ALT1	EB	AM														
166	2045	ALT1	EB	AM														
167	2045	ALT1	EB	AM														
168	2045	ALT1	EB	AM														
169	2045	ALT1	EB	AM														
170	2045	ALT1	EB	AM														
171	2045	ALT1	EB	AM														
172	2045	ALT1	EB	AM														
173	2045	ALT1	EB	AM														
174	2045	ALT1	EB	AM														
175	2045	ALT1	EB	AM														
176	2045	ALT1	EB	AM														
177	2045	ALT1	EB	AM														
178	2045	ALT1	EB	AM														
179	2045	ALT1	EB	AM														
180	2045	ALT1	EB	AM														
181	2045	ALT1	EB	AM														
182	2045	ALT1	EB	AM														
183	2045	ALT1	EB	AM														
184	2045	ALT1	EB	AM														
185	2045	ALT1	EB	AM														
186	2045	ALT1	EB	AM														
187	2045	ALT1	EB	AM														
188	2045	ALT1	EB	AM														
189	2045	ALT1	EB	AM														
190	2045	ALT1	EB	AM														
191	2045	ALT1	EB	AM														
192	2045	ALT1	EB	AM														
193	2045	ALT1	EB	AM														
194	2045	ALT1	EB	AM														
195	2045	ALT1	EB	AM														
196	2045	ALT1	EB	AM														
197	2045	ALT1	EB	AM														
198	2045	ALT1	EB	AM														
199	2045	ALT1	EB	AM														
200	2045	ALT1	EB	AM														
201	2045	ALT1	EB	AM														
202	2045	ALT1	EB	AM														
203	2045	ALT1	EB	AM														
204	2045	ALT1	EB	AM														
205	2045	ALT1	EB	AM														
206	2045	ALT1	EB	AM														
207	2045	ALT1	EB	AM														
208	2045	ALT1	EB	AM														
209	2045	ALT1	EB	AM														
210	2045	ALT1	EB	AM														
211	2045	ALT1	EB	AM														
212	2045	ALT1	EB	AM														
213	2045	ALT1	EB	AM														
214	2045	ALT1	EB	AM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
215	2045	ALT1	EB	AM														
1	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.7240	1.2944
2	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	14.3400	3.2300
3	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.6505	0.1471
4	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.9829	2.6972
5	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.6060	1.0424
6	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.1531	1.6094
7	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	10.7122	2.4205
8	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.4473	3.0238
9	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	11.2511	2.5381
10	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.4101	0.7646
11	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.0575	1.5924
12	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.8024	1.0824
13	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.1017	0.9313
14	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.3296	1.4397
15	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.4599	1.9330
16	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.8803	1.1118
17	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.2620	1.8779
18	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.2752	1.6886
19	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.4167	1.2570
20	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	11.3404	2.6303
21	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.2130	0.2822
22	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.4596	1.0435
23	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.6526	1.0881
24	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.0920	0.9604
25	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.7100	0.6352
26	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	22.7073	5.3646
27	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	17.1781	4.0536
28	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.5800	2.2668
29	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.2854	1.4884
30	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.5202	2.4941
31	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.7828	1.8463
32	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.7723	2.0773
33	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.0861	1.9188
34	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.8654	2.3319
35	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.1513	1.2236
36	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.1713	1.4659
37	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.3104	1.9740
38	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	12.2617	2.9151
39	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	12.0869	2.8774
40	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.9559	1.8907
41	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.0238	0.7206
42	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.5177	2.2635
43	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.9321	0.9375
44	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.2168	1.4822
45	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.6188	0.6238
46	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.3123	1.7401
47	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.4004	0.0955
48	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.2266	1.9575
49	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.6792	0.1619
50	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.3918	2.7143
51	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.9304	0.4598
52	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.8940	0.6877
53	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.2643	0.5357
54	2045	ALT1	EB	MD	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	12.3888	2.9106
55	2045	ALT1	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.7694	1.3657
56	2045	ALT1	EB	MD	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.6434	1.7933
57	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.0420	0.9584
58	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.9750	3.3078
59	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.4690	0.8238
60	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	14.6483	3.4731
61	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.1674	0.7525
62	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.5006	1.5384
63	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.6077	0.6139
64	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.4069	1.9736
65	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.7288	0.6433

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
66	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.0475	0.2408
67	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.1716	1.8654
68	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.8151	1.3313
69	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	14.4394	3.2829
70	2045	ALT1	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.4456	1.9236
71	2045	ALT1	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.0427	2.2251
72	2045	ALT1	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.6060	2.1471
73	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2405	0.0582
74	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1522	0.0370
75	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1907	0.0478
76	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2518	0.0643
77	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2101	0.0517
78	2045	ALT1	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2081	0.0544
79	2045	ALT1	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2648	0.0699
80	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4538	0.1142
81	2045	ALT1	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.6745	0.1563
82	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4318	0.1101
83	2045	ALT1	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2062	0.0463
84	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2527	0.0608
85	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.8479	0.1808
86	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.7588	0.1758
87	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1876	0.0448
88	2045	ALT1	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3132	0.0693
89	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0888	0.0217
90	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2732	0.0638
91	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.5493	0.1262
92	2045	ALT1	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3150	0.0794
93	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	5.9771	1.2992
94	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	1.7934	0.4149
95	2045	ALT1	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.4733	0.1197
96	2045	ALT1	EB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.4879	0.1139
97	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3324	0.0688
98	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3316	0.0729
99	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6438	0.1433
100	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6464	0.1483
101	2045	ALT1	EB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3871	0.0858
102	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2451	0.0569
103	2045	ALT1	EB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1450	0.0341
104	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2631	0.0647
105	2045	ALT1	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2318	0.0555
106	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0399	0.0104
107	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4207	0.0994
108	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2863	0.0747
109	2045	ALT1	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3821	0.0898
110	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3429	0.0834
111	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1941	0.0453
112	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4552	0.1111
113	2045	ALT1	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2419	0.0589
114	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2706	0.0706
115	2045	ALT1	EB	MD														
116	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1036	0.0263
117	2045	ALT1	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2128	0.0503
118	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1468	0.0372
119	2045	ALT1	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3257	0.0792
120	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1378	0.0345
121	2045	ALT1	EB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.5073	0.1160
122	2045	ALT1	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	5.3024	1.2268
123	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	3.9840	0.9104
124	2045	ALT1	EB	MD	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1644	0.0484
125	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3281	0.0807
126	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1183	0.0299
127	2045	ALT1	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.4244	0.1118
128	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0520	0.0142
129	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.5772	0.1424
130	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3029	0.0732
131	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.7521	0.1809

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
132	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2615	0.0637
133	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.6810	0.1693
134	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.6764	0.3999
135	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.6539	0.1605
136	2045	ALT1	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0822	0.0216
137	2045	ALT1	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	8.1888	1.7077
138	2045	ALT1	EB	MD	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1797	0.0518
139	2045	ALT1	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1956	0.0489
140	2045	ALT1	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.4513	0.1218
141	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0989	0.0242
142	2045	ALT1	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3163	0.0799
143	2045	ALT1	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3437	0.0866
144	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3680	0.1063
145	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.9713	0.2805
146	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0420	0.0121
147	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.8213	0.2372
148	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2988	0.0863
149	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.5226	0.1509
150	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.7283	0.2104
151	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.9833	0.2840
152	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.7801	0.2253
153	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3202	0.0925
154	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6121	0.1768
155	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4550	0.1314
156	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3580	0.1034
157	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6297	0.1819
158	2045	ALT1	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.7259	0.2097
159	2045	ALT1	EB	MD	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.5194	0.1531
160	2045	ALT1	EB	MD	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.9679	0.2853
161	2045	ALT1	EB	MD														
162	2045	ALT1	EB	MD														
163	2045	ALT1	EB	MD														
164	2045	ALT1	EB	MD														
165	2045	ALT1	EB	MD														
166	2045	ALT1	EB	MD														
167	2045	ALT1	EB	MD														
168	2045	ALT1	EB	MD														
169	2045	ALT1	EB	MD														
170	2045	ALT1	EB	MD														
171	2045	ALT1	EB	MD														
172	2045	ALT1	EB	MD														
173	2045	ALT1	EB	MD														
174	2045	ALT1	EB	MD														
175	2045	ALT1	EB	MD														
176	2045	ALT1	EB	MD														
177	2045	ALT1	EB	MD														
178	2045	ALT1	EB	MD														
179	2045	ALT1	EB	MD														
180	2045	ALT1	EB	MD														
181	2045	ALT1	EB	MD														
182	2045	ALT1	EB	MD														
183	2045	ALT1	EB	MD														
184	2045	ALT1	EB	MD														
185	2045	ALT1	EB	MD														
186	2045	ALT1	EB	MD														
187	2045	ALT1	EB	MD														
188	2045	ALT1	EB	MD														
189	2045	ALT1	EB	MD														
190	2045	ALT1	EB	MD														
191	2045	ALT1	EB	MD														
192	2045	ALT1	EB	MD														
193	2045	ALT1	EB	MD														
194	2045	ALT1	EB	MD														
195	2045	ALT1	EB	MD														
196	2045	ALT1	EB	MD														
197	2045	ALT1	EB	MD														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
198	2045	ALT1	EB	MD														
199	2045	ALT1	EB	MD														
200	2045	ALT1	EB	MD														
201	2045	ALT1	EB	MD														
202	2045	ALT1	EB	MD														
203	2045	ALT1	EB	MD														
204	2045	ALT1	EB	MD														
205	2045	ALT1	EB	MD														
206	2045	ALT1	EB	MD														
207	2045	ALT1	EB	MD														
208	2045	ALT1	EB	MD														
209	2045	ALT1	EB	MD														
210	2045	ALT1	EB	MD														
211	2045	ALT1	EB	MD														
212	2045	ALT1	EB	MD														
213	2045	ALT1	EB	MD														
214	2045	ALT1	EB	MD														
215	2045	ALT1	EB	MD														
1	2045	ALT1	EB	PM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	3.3233	0.8216
2	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	8.1847	2.0111
3	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	0.3797	0.0934
4	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	6.8955	1.6901
5	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.6908	0.6615
6	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.0982	1.0042
7	2045	ALT1	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	6.2219	1.5221
8	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.7263	1.8866
9	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	6.5463	1.5958
10	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.9136	0.4677
11	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.0019	0.9756
12	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.7298	0.6665
13	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.4714	0.6074
14	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.8425	0.9437
15	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.2170	1.2734
16	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.0467	0.7432
17	2045	ALT1	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	5.2426	1.2781
18	2045	ALT1	EB	PM	0.048324363	0.115697464	0.062529394	1.018384415	0.020502371	0.061157057	0.009379409	0.152757662	0.110853757	1.134081879	0.02988178	0.213914719	4.7567	1.1877
19	2045	ALT1	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	3.6035	0.8895
20	2045	ALT1	EB	PM	0.048324363	0.115697464	0.062529394	1.018384415	0.020502371	0.061157057	0.009379409	0.152757662	0.110853757	1.134081879	0.02988178	0.213914719	7.8075	1.9573
21	2045	ALT1	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	0.8303	0.2057
22	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.2487	0.8027
23	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.4577	0.8579
24	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.1420	0.7702
25	2045	ALT1	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	2.0587	0.5039
26	2045	ALT1	EB	PM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	17.6358	4.3464
27	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	13.5145	3.3163
28	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	7.9539	1.9423
29	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	5.3457	1.3055
30	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	9.0900	2.2247
31	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.6987	1.6397
32	2045	ALT1	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	7.3959	1.8026
33	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	6.8078	1.6599
34	2045	ALT1	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	8.3989	2.0409
35	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.3780	1.0669
36	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	5.2461	1.2784
37	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	7.0655	1.7218
38	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	10.5965	2.5723
39	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	10.5166	2.5711
40	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.8581	1.6751
41	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.6020	0.6372
42	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	8.1565	1.9797
43	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.3468	0.8187
44	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.2892	1.2941
45	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.2257	0.5439
46	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.2701	1.5242
47	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.3479	0.0851
48	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.1835	1.7561

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
49	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.5935	0.1452
50	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	9.4778	2.3194
51	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.4913	0.3646
52	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	2.0753	0.5055
53	2045	ALT1	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	1.6306	0.3961
54	2045	ALT1	EB	PM	0.048990706	0.116607381	0.062529394	1.018384415	0.021120443	0.061994373	0.009379409	0.152757662	0.111520099	1.134991796	0.030499852	0.214752035	8.9774	2.2376
55	2045	ALT1	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	4.1410	1.0104
56	2045	ALT1	EB	PM	0.048324363	0.115697464	0.062529394	1.018384415	0.020502371	0.061157057	0.009379409	0.152757662	0.110853757	1.134081879	0.02988178	0.213914719	5.5963	1.3784
57	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.9847	0.7307
58	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	10.5801	2.5844
59	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.6799	0.6581
60	2045	ALT1	EB	PM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	11.5378	2.8443
61	2045	ALT1	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	2.5746	0.6340
62	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.3911	1.3294
63	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.0957	0.5161
64	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.9743	1.7107
65	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.2475	0.5527
66	2045	ALT1	EB	PM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	0.8570	0.2046
67	2045	ALT1	EB	PM	0.048990706	0.116607381	0.062529394	1.018384415	0.021120443	0.061994373	0.009379409	0.152757662	0.111520099	1.134991796	0.030499852	0.214752035	6.8425	1.6563
68	2045	ALT1	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	4.8639	1.1567
69	2045	ALT1	EB	PM	0.048324363	0.115697464	0.062529394	1.018384415	0.020502371	0.061157057	0.009379409	0.152757662	0.110853757	1.134081879	0.02988178	0.213914719	12.3657	2.9531
70	2045	ALT1	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.3944	1.7624
71	2045	ALT1	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	9.0094	2.1231
72	2045	ALT1	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.0305	2.1503
73	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1835	0.0481
74	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1286	0.0323
75	2045	ALT1	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1370	0.0376
76	2045	ALT1	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1887	0.0514
77	2045	ALT1	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1780	0.0497
78	2045	ALT1	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1426	0.0378
79	2045	ALT1	EB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1833	0.0551
80	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3241	0.0827
81	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.5588	0.1409
82	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2795	0.0723
83	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1115	0.0263
84	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2409	0.0593
85	2045	ALT1	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4749	0.1141
86	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.5236	0.1306
87	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1478	0.0386
88	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1617	0.0384
89	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0597	0.0151
90	2045	ALT1	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2916	0.0781
91	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2783	0.0649
92	2045	ALT1	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2142	0.0577
93	2045	ALT1	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	3.0884	0.7549
94	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	1.1669	0.2820
95	2045	ALT1	EB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.4217	0.1117
96	2045	ALT1	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1631	0.0383
97	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1881	0.0429
98	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3376	0.0787
99	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3505	0.0871
100	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.6607	0.1595
101	2045	ALT1	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2448	0.0579
102	2045	ALT1	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1950	0.0466
103	2045	ALT1	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1660	0.0410
104	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2164	0.0541
105	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1782	0.0454
106	2045	ALT1	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0339	0.0094
107	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2512	0.0644
108	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1882	0.0499
109	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3119	0.0789
110	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3232	0.0795
111	2045	ALT1	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1842	0.0440
112	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3898	0.1018
113	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2182	0.0562
114	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1826	0.0481

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
115	2045	ALT1	EB	PM														
116	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0796	0.0203
117	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1459	0.0363
118	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1688	0.0436
119	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2509	0.0631
120	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1133	0.0289
121	2045	ALT1	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.5651	0.1332
122	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	3.4119	0.8314
123	2045	ALT1	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	2.0506	0.4815
124	2045	ALT1	EB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1128	0.0338
125	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2516	0.0601
126	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0888	0.0235
127	2045	ALT1	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2489	0.0676
128	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0640	0.0176
129	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3129	0.0772
130	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3043	0.0767
131	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4576	0.1101
132	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4095	0.1047
133	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4302	0.1072
134	2045	ALT1	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.7490	0.4363
135	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3865	0.0980
136	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0574	0.0158
137	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	6.6954	1.4845
138	2045	ALT1	EB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1232	0.0364
139	2045	ALT1	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1977	0.0531
140	2045	ALT1	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2809	0.0796
141	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2107	0.0538
142	2045	ALT1	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2333	0.0620
143	2045	ALT1	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.5986	0.1521
144	2045	ALT1	EB	PM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.3444	0.0999
145	2045	ALT1	EB	PM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.9093	0.2638
146	2045	ALT1	EB	PM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.0393	0.0114
147	2045	ALT1	EB	PM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.7688	0.2230
148	2045	ALT1	EB	PM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2795	0.0811
149	2045	ALT1	EB	PM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4727	0.1371
150	2045	ALT1	EB	PM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6588	0.1911
151	2045	ALT1	EB	PM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.8895	0.2580
152	2045	ALT1	EB	PM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.7055	0.2047
153	2045	ALT1	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2621	0.0758
154	2045	ALT1	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5012	0.1449
155	2045	ALT1	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3723	0.1077
156	2045	ALT1	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2931	0.0848
157	2045	ALT1	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5156	0.1491
158	2045	ALT1	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5942	0.1718
159	2045	ALT1	EB	PM	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	0.3993	0.1195
160	2045	ALT1	EB	PM	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	0.7442	0.2227
161	2045	ALT1	EB	PM														
162	2045	ALT1	EB	PM														
163	2045	ALT1	EB	PM														
164	2045	ALT1	EB	PM														
165	2045	ALT1	EB	PM														
166	2045	ALT1	EB	PM														
167	2045	ALT1	EB	PM														
168	2045	ALT1	EB	PM														
169	2045	ALT1	EB	PM														
170	2045	ALT1	EB	PM														
171	2045	ALT1	EB	PM														
172	2045	ALT1	EB	PM														
173	2045	ALT1	EB	PM														
174	2045	ALT1	EB	PM														
175	2045	ALT1	EB	PM														
176	2045	ALT1	EB	PM														
177	2045	ALT1	EB	PM														
178	2045	ALT1	EB	PM														
179	2045	ALT1	EB	PM														
180	2045	ALT1	EB	PM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
181	2045	ALT1	EB	PM														
182	2045	ALT1	EB	PM														
183	2045	ALT1	EB	PM														
184	2045	ALT1	EB	PM														
185	2045	ALT1	EB	PM														
186	2045	ALT1	EB	PM														
187	2045	ALT1	EB	PM														
188	2045	ALT1	EB	PM														
189	2045	ALT1	EB	PM														
190	2045	ALT1	EB	PM														
191	2045	ALT1	EB	PM														
192	2045	ALT1	EB	PM														
193	2045	ALT1	EB	PM														
194	2045	ALT1	EB	PM														
195	2045	ALT1	EB	PM														
196	2045	ALT1	EB	PM														
197	2045	ALT1	EB	PM														
198	2045	ALT1	EB	PM														
199	2045	ALT1	EB	PM														
200	2045	ALT1	EB	PM														
201	2045	ALT1	EB	PM														
202	2045	ALT1	EB	PM														
203	2045	ALT1	EB	PM														
204	2045	ALT1	EB	PM														
205	2045	ALT1	EB	PM														
206	2045	ALT1	EB	PM														
207	2045	ALT1	EB	PM														
208	2045	ALT1	EB	PM														
209	2045	ALT1	EB	PM														
210	2045	ALT1	EB	PM														
211	2045	ALT1	EB	PM														
212	2045	ALT1	EB	PM														
213	2045	ALT1	EB	PM														
214	2045	ALT1	EB	PM														
215	2045	ALT1	EB	PM														
1	2045	ALT1	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.8185	1.6635
2	2045	ALT1	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	20.2845	4.3058
3	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.8913	0.1899
4	2045	ALT1	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	16.9396	3.5885
5	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.3548	1.3540
6	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.1027	2.1405
7	2045	ALT1	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	14.6354	3.1114
8	2045	ALT1	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	18.8174	3.9741
9	2045	ALT1	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	15.3299	3.2494
10	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.9009	1.0334
11	2045	ALT1	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.6754	2.0476
12	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.9021	1.4605
13	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.5709	1.1827
14	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.1161	1.9215
15	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.5439	2.4500
16	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.6855	1.4197
17	2045	ALT1	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.8356	2.5042
18	2045	ALT1	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.5572	2.0527
19	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.0390	1.5158
20	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	15.7222	3.3780
21	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.6441	0.3542
22	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.4635	0.9880
23	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.7667	1.0525
24	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.8957	0.8675
25	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.5688	0.5726
26	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	22.0107	4.9244
27	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	16.3856	3.6645
28	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.2265	2.0546
29	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.8917	1.3166
30	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.1474	2.2675
31	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.3858	1.6518

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
32	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.4177	1.8745
33	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.6304	1.7040
34	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.5285	2.1144
35	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.8391	1.0795
36	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.7956	1.2929
37	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.8073	1.7417
38	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.6833	2.5903
39	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.2827	2.5077
40	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.7504	1.7172
41	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.8590	0.6364
42	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.0697	2.0098
43	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.6931	0.8210
44	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.8389	1.2980
45	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.4891	0.5524
46	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.9709	1.5418
47	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.3760	0.0834
48	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.8986	1.7454
49	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.6435	0.1425
50	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.5662	2.5543
51	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.8481	0.4134
52	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.7345	0.6142
53	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.1013	0.4704
54	2045	ALT1	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	12.1423	2.7113
55	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.6037	1.2573
56	2045	ALT1	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.4083	1.6504
57	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.8794	0.8688
58	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	13.8669	3.0962
59	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.3997	0.7634
60	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	14.7347	3.3054
61	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.1525	0.7091
62	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.5426	1.4653
63	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.7398	0.6100
64	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.1887	2.0363
65	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.9352	0.6536
66	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.9210	0.2043
67	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.2981	1.6088
68	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.1641	1.1421
69	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	12.8523	2.8162
70	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.4909	1.6448
71	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.5438	2.0483
72	2045	ALT1	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.8743	1.9133
73	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1095	0.0255
74	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0806	0.0186
75	2045	ALT1	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1353	0.0314
76	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1912	0.0458
77	2045	ALT1	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1801	0.0426
78	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1509	0.0357
79	2045	ALT1	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2366	0.0554
80	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3072	0.0733
81	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4742	0.1076
82	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2456	0.0596
83	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1338	0.0279
84	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1288	0.0305
85	2045	ALT1	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.6493	0.1432
86	2045	ALT1	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.6722	0.1463
87	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1414	0.0329
88	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2364	0.0494
89	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0728	0.0165
90	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2420	0.0521
91	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3445	0.0730
92	2045	ALT1	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2809	0.0642
93	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	16.0701	3.1213
94	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.5556	0.3321
95	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3002	0.0673
96	2045	ALT1	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3590	0.0809
97	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2307	0.0453

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
98	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2072	0.0433
99	2045	ALT1	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.5811	0.1262
100	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4722	0.1045
101	2045	ALT1	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1947	0.0412
102	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1492	0.0328
103	2045	ALT1	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1135	0.0263
104	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1706	0.0405
105	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1733	0.0397
106	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0224	0.0056
107	2045	ALT1	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3664	0.0832
108	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1825	0.0449
109	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2887	0.0654
110	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1918	0.0455
111	2045	ALT1	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1030	0.0230
112	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3007	0.0704
113	2045	ALT1	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1951	0.0467
114	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1719	0.0418
115	2045	ALT1	EB	NT														
116	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0512	0.0129
117	2045	ALT1	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1892	0.0432
118	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0798	0.0196
119	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1800	0.0423
120	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0723	0.0176
121	2045	ALT1	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2631	0.0570
122	2045	ALT1	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	4.3903	0.9630
123	2045	ALT1	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	3.5789	0.7736
124	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1814	0.0413
125	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0232	0.0050
126	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0906	0.0216
127	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4177	0.0974
128	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0338	0.0089
129	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3611	0.0808
130	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2472	0.0587
131	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5132	0.1113
132	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1845	0.0443
133	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5858	0.1336
134	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.1027	0.2545
135	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4610	0.1035
136	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0613	0.0153
137	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	3.9984	0.8244
138	2045	ALT1	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1212	0.0284
139	2045	ALT1	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1399	0.0349
140	2045	ALT1	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3739	0.0906
141	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0704	0.0172
142	2045	ALT1	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1509	0.0366
143	2045	ALT1	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1486	0.0367
144	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2136	0.0619
145	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5636	0.1634
146	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0242	0.0070
147	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4766	0.1382
148	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1733	0.0503
149	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3101	0.0899
150	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4324	0.1254
151	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5838	0.1693
152	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4630	0.1343
153	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2044	0.0593
154	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3907	0.1133
155	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2903	0.0842
156	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2284	0.0662
157	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4019	0.1166
158	2045	ALT1	EB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4632	0.1343
159	2045	ALT1	EB	NT	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2977	0.0861
160	2045	ALT1	EB	NT	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.5548	0.1604
161	2045	ALT1	EB	NT														
162	2045	ALT1	EB	NT														
163	2045	ALT1	EB	NT														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
164	2045	ALT1	EB	NT														
165	2045	ALT1	EB	NT														
166	2045	ALT1	EB	NT														
167	2045	ALT1	EB	NT														
168	2045	ALT1	EB	NT														
169	2045	ALT1	EB	NT														
170	2045	ALT1	EB	NT														
171	2045	ALT1	EB	NT														
172	2045	ALT1	EB	NT														
173	2045	ALT1	EB	NT														
174	2045	ALT1	EB	NT														
175	2045	ALT1	EB	NT														
176	2045	ALT1	EB	NT														
177	2045	ALT1	EB	NT														
178	2045	ALT1	EB	NT														
179	2045	ALT1	EB	NT														
180	2045	ALT1	EB	NT														
181	2045	ALT1	EB	NT														
182	2045	ALT1	EB	NT														
183	2045	ALT1	EB	NT														
184	2045	ALT1	EB	NT														
185	2045	ALT1	EB	NT														
186	2045	ALT1	EB	NT														
187	2045	ALT1	EB	NT														
188	2045	ALT1	EB	NT														
189	2045	ALT1	EB	NT														
190	2045	ALT1	EB	NT														
191	2045	ALT1	EB	NT														
192	2045	ALT1	EB	NT														
193	2045	ALT1	EB	NT														
194	2045	ALT1	EB	NT														
195	2045	ALT1	EB	NT														
196	2045	ALT1	EB	NT														
197	2045	ALT1	EB	NT														
198	2045	ALT1	EB	NT														
199	2045	ALT1	EB	NT														
200	2045	ALT1	EB	NT														
201	2045	ALT1	EB	NT														
202	2045	ALT1	EB	NT														
203	2045	ALT1	EB	NT														
204	2045	ALT1	EB	NT														
205	2045	ALT1	EB	NT														
206	2045	ALT1	EB	NT														
207	2045	ALT1	EB	NT														
208	2045	ALT1	EB	NT														
209	2045	ALT1	EB	NT														
210	2045	ALT1	EB	NT														
211	2045	ALT1	EB	NT														
212	2045	ALT1	EB	NT														
213	2045	ALT1	EB	NT														
214	2045	ALT1	EB	NT														
215	2045	ALT1	EB	NT														
216	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.1998	1.0067
217	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.5954	1.8114
218	2045	ALT1	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.5500	1.3343
219	2045	ALT1	WB	AM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	8.1580	1.9573
220	2045	ALT1	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.3682	1.0498
221	2045	ALT1	WB	AM	0.048324363	0.115697464	0.062529394	1.018384415	0.020502371	0.061157057	0.009379409	0.152757662	0.110853757	1.134081879	0.02988178	0.213914719	4.0096	0.9707
222	2045	ALT1	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.3739	1.0515
223	2045	ALT1	WB	AM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	2.0927	0.5055
224	2045	ALT1	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.2059	0.5465
225	2045	ALT1	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.4135	0.3497
226	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.0819	1.5077
227	2045	ALT1	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.3041	0.5755
228	2045	ALT1	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.2405	0.3098
229	2045	ALT1	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	8.2019	2.0272

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
230	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.9301	0.4787
231	2045	ALT1	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.0707	0.5100
232	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.0732	0.5123
233	2045	ALT1	WB	AM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	7.2254	1.7708
234	2045	ALT1	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	1.1211	0.2748
235	2045	ALT1	WB	AM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	4.5254	1.1080
236	2045	ALT1	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.8230	0.6910
237	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.5113	1.1063
238	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.4177	0.3478
239	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.2609	0.3095
240	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.5379	0.3789
241	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.7457	1.4127
242	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.3870	0.0953
243	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.9709	1.2212
244	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.7311	0.1796
245	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.7114	1.1562
246	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.5546	0.8739
247	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.8121	1.1810
248	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.4480	0.3562
249	2045	ALT1	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.6036	1.1322
250	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.4248	1.8236
251	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.9272	1.4557
252	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.7306	1.1652
253	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.3869	0.8343
254	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.2655	0.8043
255	2045	ALT1	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.8924	1.4431
256	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.5476	0.8744
257	2045	ALT1	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.6549	1.1423
258	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.0588	1.0026
259	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.9138	1.4608
260	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.9254	0.9707
261	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.8604	1.2023
262	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	12.6521	3.1347
263	2045	ALT1	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	6.3735	1.5732
264	2045	ALT1	WB	AM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	2.5366	0.6274
265	2045	ALT1	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	1.3304	0.3273
266	2045	ALT1	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.6943	1.1555
267	2045	ALT1	WB	AM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	1.3992	0.3452
268	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.2396	0.0593
269	2045	ALT1	WB	AM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	6.1165	1.5074
270	2045	ALT1	WB	AM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	2.7549	0.6761
271	2045	ALT1	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.6797	0.8930
272	2045	ALT1	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	2.6523	0.6430
273	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.6079	0.6355
274	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.9710	0.7228
275	2045	ALT1	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.7758	1.1629
276	2045	ALT1	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.2843	0.3126
277	2045	ALT1	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.8453	0.6910
278	2045	ALT1	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.5571	0.3770
279	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.0708	0.7431
280	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.0013	0.7242
281	2045	ALT1	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.2866	0.5521
282	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.2830	0.7949
283	2045	ALT1	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.1427	0.7600
284	2045	ALT1	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.9453	0.9553
285	2045	ALT1	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.7531	0.6704
286	2045	ALT1	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	2.4886	0.6068
287	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.3192	1.0566
288	2045	ALT1	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.4486	0.1101
289	2045	ALT1	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.7146	1.1526
290	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4261	0.1066
291	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1129	0.0289
292	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0757	0.0193
293	2045	ALT1	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1543	0.0439
294	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1164	0.0302
295	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1215	0.0321

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
296	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0787	0.0207
297	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	3.7307	0.8415
298	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0131	0.0034
299	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1351	0.0341
300	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.1424	0.2895
301	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1828	0.0471
302	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0948	0.0257
303	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0640	0.0147
304	2045	ALT1	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0967	0.0272
305	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1062	0.0255
306	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1154	0.0317
307	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0705	0.0184
308	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1478	0.0392
309	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0741	0.0181
310	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.7014	0.1700
311	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1308	0.0334
312	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0695	0.0174
313	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6607	0.1615
314	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1044	0.0272
315	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1374	0.0347
316	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0833	0.0218
317	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0922	0.0229
318	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0649	0.0167
319	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1631	0.0418
320	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0874	0.0224
321	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1583	0.0424
322	2045	ALT1	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0884	0.0242
323	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3143	0.0755
324	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0792	0.0189
325	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4017	0.1059
326	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1254	0.0313
327	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2051	0.0546
328	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0823	0.0208
329	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1477	0.0382
330	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0545	0.0131
331	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3474	0.0865
332	2045	ALT1	WB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1058	0.0252
333	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2176	0.0534
334	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1587	0.0381
335	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3538	0.0875
336	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3213	0.0758
337	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0714	0.0160
338	2045	ALT1	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1115	0.0258
339	2045	ALT1	WB	AM	0.04765416	0.117687871	0.071945858	1.171745577	0.019880674	0.06298802	0.010791879	0.175761837	0.119600018	1.289433448	0.030672553	0.238749857	0.5342	0.1277
340	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.5584	0.3853
341	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.1845	0.2858
342	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2347	0.0585
343	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0979	0.0224
344	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2009	0.0501
345	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0256	0.0060
346	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0755	0.0180
347	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1122	0.0300
348	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.9731	0.2338
349	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1558	0.0368
350	2045	ALT1	WB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1867	0.0452
351	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0608	0.0135
352	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0591	0.0152
353	2045	ALT1	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1990	0.0489
354	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3242	0.0848
355	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1131	0.0279
356	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1410	0.0378
357	2045	ALT1	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2536	0.0713
358	2045	ALT1	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1443	0.0362
359	2045	ALT1	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1505	0.0422
360	2045	ALT1	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1088	0.0293
361	2045	ALT1	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0956	0.0266

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
362	2045	ALT1	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1153	0.0280
363	2045	ALT1	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1909	0.0512
364	2045	ALT1	WB	AM														
365	2045	ALT1	WB	AM														
366	2045	ALT1	WB	AM														
367	2045	ALT1	WB	AM														
368	2045	ALT1	WB	AM														
369	2045	ALT1	WB	AM														
370	2045	ALT1	WB	AM														
371	2045	ALT1	WB	AM														
372	2045	ALT1	WB	AM														
373	2045	ALT1	WB	AM														
374	2045	ALT1	WB	AM														
375	2045	ALT1	WB	AM														
376	2045	ALT1	WB	AM														
377	2045	ALT1	WB	AM														
378	2045	ALT1	WB	AM														
379	2045	ALT1	WB	AM														
380	2045	ALT1	WB	AM														
381	2045	ALT1	WB	AM														
382	2045	ALT1	WB	AM														
383	2045	ALT1	WB	AM														
384	2045	ALT1	WB	AM														
385	2045	ALT1	WB	AM														
386	2045	ALT1	WB	AM														
387	2045	ALT1	WB	AM														
388	2045	ALT1	WB	AM														
389	2045	ALT1	WB	AM														
390	2045	ALT1	WB	AM														
391	2045	ALT1	WB	AM														
392	2045	ALT1	WB	AM														
393	2045	ALT1	WB	AM														
394	2045	ALT1	WB	AM														
395	2045	ALT1	WB	AM														
396	2045	ALT1	WB	AM														
397	2045	ALT1	WB	AM														
398	2045	ALT1	WB	AM														
399	2045	ALT1	WB	AM														
400	2045	ALT1	WB	AM														
401	2045	ALT1	WB	AM														
402	2045	ALT1	WB	AM														
403	2045	ALT1	WB	AM														
404	2045	ALT1	WB	AM														
405	2045	ALT1	WB	AM														
406	2045	ALT1	WB	AM														
407	2045	ALT1	WB	AM														
408	2045	ALT1	WB	AM														
409	2045	ALT1	WB	AM														
410	2045	ALT1	WB	AM														
411	2045	ALT1	WB	AM														
412	2045	ALT1	WB	AM														
413	2045	ALT1	WB	AM														
414	2045	ALT1	WB	AM														
415	2045	ALT1	WB	AM														
416	2045	ALT1	WB	AM														
417	2045	ALT1	WB	AM														
418	2045	ALT1	WB	AM														
419	2045	ALT1	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.3595	0.1043
420	2045	ALT1	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2523	0.0732
421	2045	ALT1	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2427	0.0704
422	2045	ALT1	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2543	0.0735
423	2045	ALT1	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.4904	0.1418
424	2045	ALT1	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1198	0.0347
425	2045	ALT1	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2835	0.0820
426	2045	ALT1	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1486	0.0429
427	2045	ALT1	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2842	0.0821

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
428	2045	ALT1	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3034	0.0876
429	2045	ALT1	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2022	0.0584
430	2045	ALT1	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3449	0.0997
431	2045	ALT1	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3109	0.0899
432	2045	ALT1	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3661	0.1059
433	2045	ALT1	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2827	0.0817
434	2045	ALT1	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2377	0.0687
435	2045	ALT1	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.5356	0.1554
436	2045	ALT1	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.0513	0.0149
437	2045	ALT1	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.5699	0.1653
216	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.9957	1.5721
217	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.1878	2.9522
218	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.0887	2.3220
219	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	14.9020	3.4180
220	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.0692	1.8645
221	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.3717	1.6951
222	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.1268	1.8818
223	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.8945	0.9018
224	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.9198	0.9301
225	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.4961	0.5909
226	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.8915	2.5726
227	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.9800	0.9461
228	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.2046	0.5269
229	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	15.0526	3.5901
230	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.6248	0.8650
231	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.9297	0.9348
232	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.0907	0.9751
233	2045	ALT1	WB	MD	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	14.4601	3.4093
234	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.2648	0.5389
235	2045	ALT1	WB	MD	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	9.1869	2.1697
236	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.8050	1.3804
237	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.5921	2.0529
238	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.7246	0.6521
239	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.4204	0.5796
240	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.9627	0.7131
241	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	11.0351	2.6430
242	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.7484	0.1800
243	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	9.5256	2.2782
244	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.4041	0.3367
245	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	9.0365	2.1581
246	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.7693	1.6229
247	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.1276	2.1815
248	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.7296	0.6536
249	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.6469	2.0656
250	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	14.0273	3.3562
251	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.2429	2.6854
252	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.8677	2.1215
253	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.3504	1.5193
254	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.1217	1.4645
255	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	11.0677	2.6265
256	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.6228	1.5784
257	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.6561	2.0550
258	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.3955	1.7639
259	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.7378	2.5605
260	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.2365	1.7253
261	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.1956	2.1931
262	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	24.3388	5.7840
263	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	12.2721	2.9183
264	2045	ALT1	WB	MD	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.0412	1.1844
265	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.6556	0.6264
266	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	9.4469	2.2071
267	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.9019	0.6752
268	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.4980	0.1162
269	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	12.9617	3.0147
270	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.9833	1.3904
271	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.1098	1.8467

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
272	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.9320	1.3517
273	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.9062	1.3485
274	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.8066	1.5514
275	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.2794	2.5621
276	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.1393	0.7141
277	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.9957	1.5826
278	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.8980	0.8819
279	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.7117	1.7502
280	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.5888	1.7117
281	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.5984	1.2700
282	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.0855	1.8266
283	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.5373	1.7064
284	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	9.3364	2.1242
285	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.6265	1.5024
286	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.8853	1.3407
287	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.3673	2.3445
288	2045	ALT1	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.0640	0.2425
289	2045	ALT1	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	11.2770	2.5611
290	2045	ALT1	WB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3033	0.0740
291	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2481	0.0619
292	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1032	0.0256
293	2045	ALT1	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3286	0.0893
294	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2231	0.0548
295	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2567	0.0672
296	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1571	0.0389
297	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	7.5931	1.6147
298	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0287	0.0073
299	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1555	0.0387
300	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.4618	0.3600
301	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3858	0.0976
302	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0921	0.0227
303	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1738	0.0407
304	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1511	0.0379
305	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3214	0.0760
306	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1562	0.0409
307	2045	ALT1	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1668	0.0455
308	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2578	0.0636
309	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1860	0.0459
310	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.6317	0.3760
311	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2956	0.0745
312	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1226	0.0296
313	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.3013	0.3105
314	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2116	0.0540
315	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2764	0.0686
316	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1806	0.0468
317	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1897	0.0461
318	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1341	0.0340
319	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2714	0.0675
320	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1780	0.0452
321	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2617	0.0673
322	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1653	0.0417
323	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6198	0.1448
324	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1412	0.0335
325	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.6637	0.1606
326	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2847	0.0704
327	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4394	0.1079
328	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1542	0.0382
329	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2558	0.0632
330	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1089	0.0260
331	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5311	0.1256
332	2045	ALT1	WB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2100	0.0483
333	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5026	0.1150
334	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2333	0.0534
335	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.7705	0.1711
336	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.6319	0.1440
337	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2868	0.0612

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
338	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2227	0.0460
339	2045	ALT1	WB	MD	0.04751897	0.120606284	0.071945858	1.171745577	0.019755216	0.065672905	0.010791879	0.175761837	0.119464827	1.292351861	0.030547095	0.241434742	1.0179	0.2416
340	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	3.6013	0.7916
341	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	2.5511	0.5851
342	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3956	0.0918
343	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3260	0.0755
344	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3271	0.0757
345	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0876	0.0206
346	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2356	0.0549
347	2045	ALT1	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2490	0.0682
348	2045	ALT1	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.8784	0.4187
349	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.5077	0.1126
350	2045	ALT1	WB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.4162	0.0992
351	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2175	0.0501
352	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1659	0.0428
353	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4676	0.1135
354	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.6033	0.1500
355	2045	ALT1	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2498	0.0605
356	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1873	0.0486
357	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4617	0.1192
358	2045	ALT1	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2823	0.0709
359	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2632	0.0670
360	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2102	0.0535
361	2045	ALT1	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1942	0.0533
362	2045	ALT1	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2400	0.0550
363	2045	ALT1	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3634	0.0959
364	2045	ALT1	WB	MD														
365	2045	ALT1	WB	MD														
366	2045	ALT1	WB	MD														
367	2045	ALT1	WB	MD														
368	2045	ALT1	WB	MD														
369	2045	ALT1	WB	MD														
370	2045	ALT1	WB	MD														
371	2045	ALT1	WB	MD														
372	2045	ALT1	WB	MD														
373	2045	ALT1	WB	MD														
374	2045	ALT1	WB	MD														
375	2045	ALT1	WB	MD														
376	2045	ALT1	WB	MD														
377	2045	ALT1	WB	MD														
378	2045	ALT1	WB	MD														
379	2045	ALT1	WB	MD														
380	2045	ALT1	WB	MD														
381	2045	ALT1	WB	MD														
382	2045	ALT1	WB	MD														
383	2045	ALT1	WB	MD														
384	2045	ALT1	WB	MD														
385	2045	ALT1	WB	MD														
386	2045	ALT1	WB	MD														
387	2045	ALT1	WB	MD														
388	2045	ALT1	WB	MD														
389	2045	ALT1	WB	MD														
390	2045	ALT1	WB	MD														
391	2045	ALT1	WB	MD														
392	2045	ALT1	WB	MD														
393	2045	ALT1	WB	MD														
394	2045	ALT1	WB	MD														
395	2045	ALT1	WB	MD														
396	2045	ALT1	WB	MD														
397	2045	ALT1	WB	MD														
398	2045	ALT1	WB	MD														
399	2045	ALT1	WB	MD														
400	2045	ALT1	WB	MD														
401	2045	ALT1	WB	MD														
402	2045	ALT1	WB	MD														
403	2045	ALT1	WB	MD														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
404	2045	ALT1	WB	MD														
405	2045	ALT1	WB	MD														
406	2045	ALT1	WB	MD														
407	2045	ALT1	WB	MD														
408	2045	ALT1	WB	MD														
409	2045	ALT1	WB	MD														
410	2045	ALT1	WB	MD														
411	2045	ALT1	WB	MD														
412	2045	ALT1	WB	MD														
413	2045	ALT1	WB	MD														
414	2045	ALT1	WB	MD														
415	2045	ALT1	WB	MD														
416	2045	ALT1	WB	MD														
417	2045	ALT1	WB	MD														
418	2045	ALT1	WB	MD														
419	2045	ALT1	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.8735	0.2549
420	2045	ALT1	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.6131	0.1789
421	2045	ALT1	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.5877	0.1715
422	2045	ALT1	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6049	0.1755
423	2045	ALT1	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	1.1664	0.3384
424	2045	ALT1	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2853	0.0828
425	2045	ALT1	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6741	0.1955
426	2045	ALT1	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3321	0.0960
427	2045	ALT1	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.6349	0.1836
428	2045	ALT1	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.6779	0.1960
429	2045	ALT1	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.4520	0.1307
430	2045	ALT1	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.7688	0.2230
431	2045	ALT1	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6931	0.2011
432	2045	ALT1	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.8161	0.2368
433	2045	ALT1	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6300	0.1828
434	2045	ALT1	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.5296	0.1536
435	2045	ALT1	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	1.1765	0.3434
436	2045	ALT1	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.1127	0.0329
437	2045	ALT1	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	1.2512	0.3652
216	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.5346	1.0351
217	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.4722	1.9251
218	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.6682	1.5600
219	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	9.8303	2.2913
220	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.3260	1.2478
221	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.8551	1.1340
222	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.4004	1.2692
223	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.6060	0.6135
224	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.3493	0.5696
225	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.5073	0.3650
226	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.5140	1.5756
227	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.4846	0.6047
228	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.4021	0.3432
229	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	9.5318	2.3257
230	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.3973	0.5882
231	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.5958	0.6345
232	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.7864	0.6828
233	2045	ALT1	WB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	9.9253	2.4141
234	2045	ALT1	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	1.5672	0.3827
235	2045	ALT1	WB	PM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	6.4160	1.5717
236	2045	ALT1	WB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	4.1039	1.0034
237	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.7281	1.6493
238	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.1621	0.5314
239	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.9075	0.4669
240	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.3650	0.5813
241	2045	ALT1	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	8.8263	2.1614
242	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	0.5993	0.1472
243	2045	ALT1	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	7.6614	1.8742
244	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.1299	0.2771
245	2045	ALT1	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	7.2344	1.7679
246	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.4340	1.3326
247	2045	ALT1	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	7.3329	1.7904

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
248	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.110004457	1.148286015	0.029130911	0.226982203	2.1864	0.5377
249	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.110004457	1.148286015	0.029130911	0.226982203	7.0217	1.7242
250	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	11.2164	2.7473
251	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	8.7597	2.1408
252	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.8840	1.6838
253	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.9300	1.2058
254	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.7525	1.1624
255	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	8.3027	2.0180
256	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.9383	1.2080
257	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.3059	1.5311
258	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.3808	1.3180
259	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.7079	1.8862
260	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.1299	1.2558
261	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.3962	1.5622
262	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	16.5726	4.0503
263	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.3411	2.0444
264	2045	ALT1	WB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	3.4201	0.8323
265	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.8097	0.4412
266	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.2263	1.5220
267	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.7883	0.4369
268	2045	ALT1	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.3086	0.0761
269	2045	ALT1	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	8.0790	1.9820
270	2045	ALT1	WB	PM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	3.7235	0.9174
271	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.8532	1.1790
272	2045	ALT1	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.6430	0.8846
273	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.6383	0.8868
274	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.1580	1.0126
275	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.8089	1.6746
276	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.9097	0.4721
277	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.0761	1.0052
278	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.2786	0.5609
279	2045	ALT1	WB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	4.5849	1.1251
280	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.3120	1.0542
281	2045	ALT1	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.2462	0.7934
282	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.5636	1.1134
283	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.3069	1.0529
284	2045	ALT1	WB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	5.3977	1.3201
285	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.7365	0.9178
286	2045	ALT1	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.3716	0.8277
287	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.8085	1.4294
288	2045	ALT1	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.6070	0.1505
289	2045	ALT1	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.2285	1.5387
290	2045	ALT1	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2540	0.0624
291	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1677	0.0422
292	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0774	0.0193
293	2045	ALT1	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2215	0.0607
294	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1568	0.0399
295	2045	ALT1	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2040	0.0573
296	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1209	0.0304
297	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	6.0835	1.3467
298	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0145	0.0036
299	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1233	0.0299
300	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.3122	0.3237
301	2045	ALT1	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2734	0.0748
302	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0648	0.0158
303	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1782	0.0450
304	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1018	0.0256
305	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2782	0.0717
306	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0836	0.0212
307	2045	ALT1	WB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1402	0.0432
308	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1622	0.0404
309	2045	ALT1	WB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1728	0.0503
310	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.9796	0.2427
311	2045	ALT1	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2877	0.0799
312	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0601	0.0147
313	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.1021	0.2697

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
314	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1609	0.0417
315	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2249	0.0568
316	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1295	0.0340
317	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1587	0.0412
318	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1272	0.0325
319	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2295	0.0585
320	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1439	0.0383
321	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1866	0.0487
322	2045	ALT1	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1148	0.0314
323	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4390	0.1067
324	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1584	0.0393
325	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.5002	0.1282
326	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2337	0.0606
327	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2335	0.0592
328	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1360	0.0345
329	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1678	0.0429
330	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1137	0.0284
331	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3736	0.0905
332	2045	ALT1	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2070	0.0496
333	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2970	0.0708
334	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1954	0.0463
335	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4503	0.1085
336	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4412	0.1000
337	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1880	0.0444
338	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1871	0.0442
339	2045	ALT1	WB	PM	0.04765416	0.117687871	0.071945858	1.171745577	0.019880674	0.06298802	0.010791879	0.175761837	0.119600018	1.289433448	0.030672553	0.238749857	0.8162	0.1892
340	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.7164	0.4073
341	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	1.6608	0.4183
342	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2233	0.0508
343	2045	ALT1	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1997	0.0531
344	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2147	0.0510
345	2045	ALT1	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0916	0.0249
346	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1519	0.0398
347	2045	ALT1	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1580	0.0444
348	2045	ALT1	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.2493	0.2884
349	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3282	0.0877
350	2045	ALT1	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4264	0.1051
351	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1300	0.0321
352	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1479	0.0382
353	2045	ALT1	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4252	0.1094
354	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4200	0.1081
355	2045	ALT1	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2067	0.0573
356	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1452	0.0387
357	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3280	0.0863
358	2045	ALT1	WB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.2177	0.0596
359	2045	ALT1	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1956	0.0537
360	2045	ALT1	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1720	0.0453
361	2045	ALT1	WB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1416	0.0433
362	2045	ALT1	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2280	0.0582
363	2045	ALT1	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2939	0.0840
364	2045	ALT1	WB	PM														
365	2045	ALT1	WB	PM														
366	2045	ALT1	WB	PM														
367	2045	ALT1	WB	PM														
368	2045	ALT1	WB	PM														
369	2045	ALT1	WB	PM														
370	2045	ALT1	WB	PM														
371	2045	ALT1	WB	PM														
372	2045	ALT1	WB	PM														
373	2045	ALT1	WB	PM														
374	2045	ALT1	WB	PM														
375	2045	ALT1	WB	PM														
376	2045	ALT1	WB	PM														
377	2045	ALT1	WB	PM														
378	2045	ALT1	WB	PM														
379	2045	ALT1	WB	PM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
380	2045	ALT1	WB	PM														
381	2045	ALT1	WB	PM														
382	2045	ALT1	WB	PM														
383	2045	ALT1	WB	PM														
384	2045	ALT1	WB	PM														
385	2045	ALT1	WB	PM														
386	2045	ALT1	WB	PM														
387	2045	ALT1	WB	PM														
388	2045	ALT1	WB	PM														
389	2045	ALT1	WB	PM														
390	2045	ALT1	WB	PM														
391	2045	ALT1	WB	PM														
392	2045	ALT1	WB	PM														
393	2045	ALT1	WB	PM														
394	2045	ALT1	WB	PM														
395	2045	ALT1	WB	PM														
396	2045	ALT1	WB	PM														
397	2045	ALT1	WB	PM														
398	2045	ALT1	WB	PM														
399	2045	ALT1	WB	PM														
400	2045	ALT1	WB	PM														
401	2045	ALT1	WB	PM														
402	2045	ALT1	WB	PM														
403	2045	ALT1	WB	PM														
404	2045	ALT1	WB	PM														
405	2045	ALT1	WB	PM														
406	2045	ALT1	WB	PM														
407	2045	ALT1	WB	PM														
408	2045	ALT1	WB	PM														
409	2045	ALT1	WB	PM														
410	2045	ALT1	WB	PM														
411	2045	ALT1	WB	PM														
412	2045	ALT1	WB	PM														
413	2045	ALT1	WB	PM														
414	2045	ALT1	WB	PM														
415	2045	ALT1	WB	PM														
416	2045	ALT1	WB	PM														
417	2045	ALT1	WB	PM														
418	2045	ALT1	WB	PM														
419	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.6863	0.2023
420	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.4818	0.1420
421	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.4592	0.1354
422	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.4986	0.1470
423	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.9614	0.2834
424	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.2352	0.0693
425	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.5557	0.1638
426	2045	ALT1	WB	PM	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.2811	0.0820
427	2045	ALT1	WB	PM	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.5375	0.1569
428	2045	ALT1	WB	PM	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.5739	0.1675
429	2045	ALT1	WB	PM	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.3826	0.1117
430	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.6566	0.1935
431	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.5918	0.1744
432	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.6972	0.2055
433	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.5381	0.1586
434	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.4524	0.1333
435	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.9221	0.2718
436	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.0884	0.0261
437	2045	ALT1	WB	PM	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.9806	0.2890
216	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.0046	1.2842
217	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.4593	2.4430
218	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.0541	1.7533
219	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.9794	2.6031
220	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.4572	1.4145
221	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.9513	1.2993
222	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.5124	1.4310
223	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.0529	0.6716

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
224	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.0641	0.8928
225	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.6315	0.5772
226	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.6654	2.5547
227	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.0742	0.8980
228	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.2021	0.4907
229	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	15.3428	3.4128
230	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.6444	0.8132
231	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.0583	0.9021
232	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.0479	0.9032
233	2045	ALT1	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	14.5842	3.2391
234	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.2775	0.5101
235	2045	ALT1	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.3956	2.0944
236	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.7933	1.2965
237	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.6301	2.1317
238	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.9877	0.6634
239	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.6303	0.5843
240	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.0194	0.6766
241	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.5923	2.5909
242	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.7670	0.1719
243	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.8561	2.1997
244	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.4444	0.3229
245	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.4731	2.1147
246	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.9458	1.5544
247	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.5452	2.1269
248	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.8252	0.6316
249	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.2034	2.0479
250	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	14.3265	3.2013
251	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.7816	2.6237
252	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.9720	2.0040
253	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.4246	1.4351
254	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.1944	1.3836
255	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.5004	2.5495
256	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.7121	1.4925
257	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.9457	1.9821
258	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.3510	1.6346
259	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.7599	2.3883
260	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.1101	1.5816
261	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.2819	2.0591
262	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	23.8582	5.2941
263	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	12.2283	2.7112
264	2045	ALT1	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.9949	1.1024
265	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.5748	0.5695
266	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.2315	2.0189
267	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.8753	0.6288
268	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.4886	0.1075
269	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	13.1823	2.8970
270	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.0448	1.3290
271	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.8612	1.9145
272	2045	ALT1	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.4226	1.3865
273	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.3227	1.3696
274	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.2937	1.5757
275	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	12.6389	2.7188
276	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.3736	0.7320
277	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.6942	1.6619
278	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.2085	0.9084
279	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.3044	1.7990
280	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.4461	1.8170
281	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.0188	1.3040
282	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.8663	1.9085
283	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.1873	1.7669
284	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.9826	2.1647
285	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.3204	1.5786
286	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.4028	1.3879
287	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.7457	2.5323
288	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.1759	0.2548
289	2045	ALT1	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	12.7327	2.7538

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
290	2045	ALT1	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1540	0.0372
291	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1196	0.0290
292	2045	ALT1	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0531	0.0129
293	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2400	0.0588
294	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1382	0.0325
295	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1801	0.0443
296	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0552	0.0127
297	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	2.3554	0.4953
298	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0121	0.0029
299	2045	ALT1	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0719	0.0171
300	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.7765	0.1871
301	2045	ALT1	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3287	0.0757
302	2045	ALT1	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0430	0.0100
303	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1432	0.0321
304	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0896	0.0212
305	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2028	0.0454
306	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0739	0.0181
307	2045	ALT1	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1633	0.0409
308	2045	ALT1	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1812	0.0417
309	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1168	0.0265
310	2045	ALT1	WB	NT	0.04751897	0.120606284	0.071945858	1.171745577	0.019755216	0.065672905	0.010791879	0.175761837	0.119464827	1.292351861	0.030547095	0.241434742	1.3293	0.2885
311	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2132	0.0499
312	2045	ALT1	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0558	0.0129
313	2045	ALT1	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.9086	0.2063
314	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0914	0.0220
315	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1685	0.0407
316	2045	ALT1	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1453	0.0356
317	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1695	0.0395
318	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0531	0.0132
319	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1603	0.0387
320	2045	ALT1	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1237	0.0299
321	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2042	0.0496
322	2045	ALT1	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1189	0.0276
323	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4179	0.0940
324	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0849	0.0199
325	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4152	0.0960
326	2045	ALT1	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2054	0.0499
327	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3626	0.0825
328	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1043	0.0252
329	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1512	0.0362
330	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0741	0.0173
331	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3239	0.0730
332	2045	ALT1	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1637	0.0368
333	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3693	0.0812
334	2045	ALT1	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1670	0.0366
335	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6046	0.1275
336	2045	ALT1	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.4541	0.0970
337	2045	ALT1	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2566	0.0515
338	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0592	0.0119
339	2045	ALT1	WB	NT	0.04751897	0.120606284	0.071945858	1.171745577	0.019755216	0.065672905	0.010791879	0.175761837	0.119464827	1.292351861	0.030547095	0.241434742	0.9559	0.2126
340	2045	ALT1	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	3.7336	0.7694
341	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	2.2782	0.5059
342	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2150	0.0456
343	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2958	0.0633
344	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2081	0.0446
345	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0763	0.0165
346	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1961	0.0433
347	2045	ALT1	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2162	0.0523
348	2045	ALT1	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	1.4518	0.3077
349	2045	ALT1	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3744	0.0859
350	2045	ALT1	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2711	0.0632
351	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1676	0.0352
352	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1595	0.0380
353	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2996	0.0712
354	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4282	0.1007
355	2045	ALT1	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1623	0.0381

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
356	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1442	0.0339
357	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3391	0.0829
358	2045	ALT1	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1803	0.0419
359	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2055	0.0497
360	2045	ALT1	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1348	0.0313
361	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1315	0.0314
362	2045	ALT1	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1381	0.0307
363	2045	ALT1	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2487	0.0606
364	2045	ALT1	WB	NT														
365	2045	ALT1	WB	NT														
366	2045	ALT1	WB	NT														
367	2045	ALT1	WB	NT														
368	2045	ALT1	WB	NT														
369	2045	ALT1	WB	NT														
370	2045	ALT1	WB	NT														
371	2045	ALT1	WB	NT														
372	2045	ALT1	WB	NT														
373	2045	ALT1	WB	NT														
374	2045	ALT1	WB	NT														
375	2045	ALT1	WB	NT														
376	2045	ALT1	WB	NT														
377	2045	ALT1	WB	NT														
378	2045	ALT1	WB	NT														
379	2045	ALT1	WB	NT														
380	2045	ALT1	WB	NT														
381	2045	ALT1	WB	NT														
382	2045	ALT1	WB	NT														
383	2045	ALT1	WB	NT														
384	2045	ALT1	WB	NT														
385	2045	ALT1	WB	NT														
386	2045	ALT1	WB	NT														
387	2045	ALT1	WB	NT														
388	2045	ALT1	WB	NT														
389	2045	ALT1	WB	NT														
390	2045	ALT1	WB	NT														
391	2045	ALT1	WB	NT														
392	2045	ALT1	WB	NT														
393	2045	ALT1	WB	NT														
394	2045	ALT1	WB	NT														
395	2045	ALT1	WB	NT														
396	2045	ALT1	WB	NT														
397	2045	ALT1	WB	NT														
398	2045	ALT1	WB	NT														
399	2045	ALT1	WB	NT														
400	2045	ALT1	WB	NT														
401	2045	ALT1	WB	NT														
402	2045	ALT1	WB	NT														
403	2045	ALT1	WB	NT														
404	2045	ALT1	WB	NT														
405	2045	ALT1	WB	NT														
406	2045	ALT1	WB	NT														
407	2045	ALT1	WB	NT														
408	2045	ALT1	WB	NT														
409	2045	ALT1	WB	NT														
410	2045	ALT1	WB	NT														
411	2045	ALT1	WB	NT														
412	2045	ALT1	WB	NT														
413	2045	ALT1	WB	NT														
414	2045	ALT1	WB	NT														
415	2045	ALT1	WB	NT														
416	2045	ALT1	WB	NT														
417	2045	ALT1	WB	NT														
418	2045	ALT1	WB	NT														
419	2045	ALT1	WB	NT	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.5404	0.1562
420	2045	ALT1	WB	NT	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3793	0.1097
421	2045	ALT1	WB	NT	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3675	0.1063

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
422	2045	ALT1	WB	NT	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3847	0.1112
423	2045	ALT1	WB	NT	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.7419	0.2145
424	2045	ALT1	WB	NT	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1815	0.0525
425	2045	ALT1	WB	NT	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4288	0.1240
426	2045	ALT1	WB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2064	0.0598
427	2045	ALT1	WB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3947	0.1145
428	2045	ALT1	WB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4213	0.1222
429	2045	ALT1	WB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2809	0.0815
430	2045	ALT1	WB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5155	0.1495
431	2045	ALT1	WB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4646	0.1347
432	2045	ALT1	WB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5472	0.1587
433	2045	ALT1	WB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4223	0.1225
434	2045	ALT1	WB	NT	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3550	0.1030
435	2045	ALT1	WB	NT	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.7255	0.2097
436	2045	ALT1	WB	NT	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0696	0.0201
437	2045	ALT1	WB	NT	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.7717	0.2231
1	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.6231	0.6127
2	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.5435	1.5219
3	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.3066	0.0718
4	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.6338	1.3114
5	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.1705	0.5072
6	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.3491	0.7786
7	2045	ALT2	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.0369	1.1696
8	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.3363	1.4733
9	2045	ALT2	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.3720	1.2484
10	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.5903	0.3682
11	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.3768	0.7897
12	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.3133	0.5404
13	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.0486	0.4845
14	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.1283	0.7401
15	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.1751	0.9868
16	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.4558	0.5808
17	2045	ALT2	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.9994	0.9336
18	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.1324	0.7377
19	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.3097	0.5440
20	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.7373	1.1123
21	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.5124	0.1204
22	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.9740	0.4676
23	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.0208	0.4764
24	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.8204	0.4314
25	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.1952	0.2833
26	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.8041	2.3292
27	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.4419	1.7673
28	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.1388	0.9846
29	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.7772	0.6633
30	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.6926	1.1220
31	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.5258	0.8451
32	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.9941	0.9560
33	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.7321	0.8964
34	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.5965	1.1003
35	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.4471	0.5896
36	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.9310	0.7062
37	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.9468	0.9510
38	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.0071	1.4535
39	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.0331	1.4645
40	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.8739	0.9370
41	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.4814	0.3595
42	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.5656	1.1057
43	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.8784	0.4558
44	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.9721	0.7211
45	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.3241	0.3217
46	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.6756	0.8922
47	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.1999	0.0486
48	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.1048	0.9960
49	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.3356	0.0815
50	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.3026	1.2842

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
51	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.9016	0.2186
52	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.3435	0.3256
53	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.0436	0.2515
54	2045	ALT2	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.6039	1.3399
55	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.5402	0.6098
56	2045	ALT2	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.3329	0.7961
57	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.7352	0.4155
58	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.8697	1.3994
59	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.4341	0.3424
60	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.8962	1.3999
61	2045	ALT2	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.2604	0.3005
62	2045	ALT2	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.5237	0.5974
63	2045	ALT2	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.9939	0.2337
64	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.0695	0.7136
65	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.9787	0.2279
66	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.4058	0.0932
67	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.9812	0.6713
68	2045	ALT2	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.1259	0.4817
69	2045	ALT2	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.1420	1.1485
70	2045	ALT2	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.0041	0.6741
71	2045	ALT2	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.0595	0.9047
72	2045	ALT2	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.8410	0.8615
73	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1181	0.0309
74	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0825	0.0212
75	2045	ALT2	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0978	0.0276
76	2045	ALT2	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1351	0.0368
77	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1138	0.0294
78	2045	ALT2	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1059	0.0288
79	2045	ALT2	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1247	0.0340
80	2045	ALT2	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2544	0.0704
81	2045	ALT2	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3635	0.0889
82	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2702	0.0718
83	2045	ALT2	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0920	0.0211
84	2045	ALT2	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1374	0.0344
85	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4511	0.1022
86	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3305	0.0765
87	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0784	0.0195
88	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2194	0.0561
89	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0393	0.0099
90	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0861	0.0182
91	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2685	0.0641
92	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1145	0.0265
93	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	2.0669	0.4463
94	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.8706	0.2097
95	2045	ALT2	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2308	0.0596
96	2045	ALT2	EB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1024	0.0243
97	2045	ALT2	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1790	0.0402
98	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1193	0.0259
99	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2823	0.0637
100	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3413	0.0808
101	2045	ALT2	EB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1471	0.0327
102	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1533	0.0371
103	2045	ALT2	EB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0596	0.0141
104	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1724	0.0441
105	2045	ALT2	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0976	0.0237
106	2045	ALT2	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0241	0.0068
107	2045	ALT2	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1650	0.0381
108	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1721	0.0459
109	2045	ALT2	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1706	0.0403
110	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2222	0.0566
111	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1196	0.0290
112	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2329	0.0583
113	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1692	0.0423
114	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1398	0.0372
115	2045	ALT2	EB	AM														
116	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0525	0.0137

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
117	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1181	0.0290
118	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0628	0.0160
119	2045	ALT2	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1678	0.0414
120	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0708	0.0181
121	2045	ALT2	EB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3416	0.0806
122	2045	ALT2	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	2.4949	0.5919
123	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.8043	0.4260
124	2045	ALT2	EB	AM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.0865	0.0265
125	2045	ALT2	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1992	0.0539
126	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0391	0.0096
127	2045	ALT2	EB	AM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.2207	0.0660
128	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0106	0.0026
129	2045	ALT2	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3067	0.0822
130	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0984	0.0234
131	2045	ALT2	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.4187	0.1140
132	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0705	0.0168
133	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3534	0.0924
134	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.7496	0.1782
135	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3244	0.0817
136	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0186	0.0045
137	2045	ALT2	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	3.6596	0.7870
138	2045	ALT2	EB	AM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.0876	0.0261
139	2045	ALT2	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0741	0.0186
140	2045	ALT2	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2129	0.0553
141	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0364	0.0090
142	2045	ALT2	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1532	0.0388
143	2045	ALT2	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1089	0.0272
144	2045	ALT2	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1974	0.0570
145	2045	ALT2	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.5214	0.1506
146	2045	ALT2	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0224	0.0065
147	2045	ALT2	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4408	0.1273
148	2045	ALT2	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1604	0.0463
149	2045	ALT2	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2642	0.0763
150	2045	ALT2	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3006	0.0868
151	2045	ALT2	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4060	0.1173
152	2045	ALT2	EB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3220	0.0930
153	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1324	0.0383
154	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2533	0.0732
155	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1883	0.0544
156	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1481	0.0428
157	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2607	0.0754
158	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3003	0.0868
159	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1719	0.0497
160	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3203	0.0926
161	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1236	0.0357
162	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0888	0.0257
163	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2099	0.0607
164	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0210	0.0061
165	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0982	0.0284
166	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1214	0.0351
167	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0858	0.0248
168	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0558	0.0161
169	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.5066	0.1465
170	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3661	0.1059
171	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1144	0.0332
172	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0669	0.0194
173	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1190	0.0345
174	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0841	0.0244
175	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1008	0.0292
176	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0880	0.0255
177	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1198	0.0347
178	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0581	0.0169
179	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0697	0.0202
180	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0938	0.0272
181	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2397	0.0693
182	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2245	0.0649

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
183	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1629	0.0471
184	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.0564	0.0163
185	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1863	0.0539
186	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.0736	0.0213
187	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1162	0.0336
188	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.0506	0.0146
189	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1495	0.0432
190	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.0080	0.0023
191	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1787	0.0518
192	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0142	0.0041
193	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2779	0.0806
194	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0323	0.0094
195	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0383	0.0111
196	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0321	0.0093
197	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1863	0.0540
198	2045	ALT2	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0833	0.0242
199	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1963	0.0567
200	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1010	0.0292
201	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3837	0.1109
202	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0890	0.0257
203	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4085	0.1181
204	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0884	0.0256
205	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1969	0.0569
206	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0888	0.0257
207	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3233	0.0935
208	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0998	0.0289
209	2045	ALT2	EB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0254	0.0073
210	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3133	0.0906
211	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2161	0.0625
212	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5786	0.1673
213	2045	ALT2	EB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3329	0.0963
214	2045	ALT2	EB	AM														
215	2045	ALT2	EB	AM														
1	2045	ALT2	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.7113	1.2868
2	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	14.3174	3.2133
3	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.6883	0.1565
4	2045	ALT2	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	12.7007	2.8621
5	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.7444	1.0711
6	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.3126	1.6405
7	2045	ALT2	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	10.9059	2.4564
8	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.7103	3.0725
9	2045	ALT2	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	11.8871	2.6898
10	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.5102	0.7850
11	2045	ALT2	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.2415	1.6293
12	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.9321	1.1079
13	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.2956	0.9765
14	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.6289	1.5077
15	2045	ALT2	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.9335	2.0369
16	2045	ALT2	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.2708	1.2030
17	2045	ALT2	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.6755	1.9634
18	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.7790	1.5398
19	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.0794	1.1533
20	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.6079	2.4041
21	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.1467	0.2610
22	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.1988	0.9624
23	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.2911	0.9821
24	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.8505	0.8863
25	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.5539	0.5884
26	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	21.1604	4.8942
27	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	16.0104	3.6991
28	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.8439	2.0465
29	2045	ALT2	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.8374	1.3582
30	2045	ALT2	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.7460	2.2690
31	2045	ALT2	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.2014	1.6778
32	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.0761	1.8699
33	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.4627	1.7332

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
34	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.1295	2.1098
35	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.7804	1.1117
36	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.7256	1.3316
37	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.7122	1.7936
38	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.2811	2.6235
39	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.1596	2.6019
40	2045	ALT2	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.2413	1.6879
41	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.7551	0.6429
42	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.4983	1.9757
43	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.5126	0.8193
44	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.5529	1.2952
45	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.4668	0.5761
46	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.8030	1.5865
47	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.3736	0.0873
48	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.6527	1.7852
49	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.6394	0.1497
50	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.5183	2.4562
51	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.8420	0.4319
52	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.8091	0.6603
53	2045	ALT2	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.1941	0.5117
54	2045	ALT2	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	11.9752	2.7865
55	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.4283	1.2629
56	2045	ALT2	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.1517	1.6528
57	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.7782	0.8774
58	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	12.9840	3.0066
59	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.2393	0.7537
60	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.6108	3.1598
61	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.9633	0.6904
62	2045	ALT2	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.0783	1.4143
63	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.3984	0.5528
64	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.6771	1.7621
65	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.5004	0.5771
66	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.9846	0.2229
67	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.3401	1.6344
68	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.2362	1.1704
69	2045	ALT2	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	12.9047	2.8578
70	2045	ALT2	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.5894	1.6897
71	2045	ALT2	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.3556	2.2927
72	2045	ALT2	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.7988	2.1846
73	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2401	0.0595
74	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1492	0.0362
75	2045	ALT2	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1982	0.0553
76	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2663	0.0681
77	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2487	0.0624
78	2045	ALT2	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2008	0.0523
79	2045	ALT2	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2645	0.0698
80	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4506	0.1133
81	2045	ALT2	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.8038	0.1918
82	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4259	0.1082
83	2045	ALT2	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2094	0.0472
84	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2151	0.0516
85	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.8834	0.1907
86	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.7806	0.1771
87	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1876	0.0448
88	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4417	0.1100
89	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1016	0.0242
90	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3008	0.0676
91	2045	ALT2	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.5235	0.1163
92	2045	ALT2	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3291	0.0829
93	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	5.7946	1.2200
94	2045	ALT2	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.8644	0.4158
95	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4747	0.1131
96	2045	ALT2	EB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.4813	0.1114
97	2045	ALT2	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3500	0.0741
98	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3346	0.0732
99	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6332	0.1386

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
100	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6288	0.1426
101	2045	ALT2	EB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3747	0.0820
102	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2338	0.0533
103	2045	ALT2	EB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1429	0.0333
104	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2565	0.0627
105	2045	ALT2	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2075	0.0491
106	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0386	0.0100
107	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4223	0.0981
108	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2842	0.0739
109	2045	ALT2	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3622	0.0836
110	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3491	0.0851
111	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2070	0.0478
112	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4321	0.1048
113	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3131	0.0766
114	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2626	0.0681
115	2045	ALT2	EB	MD														
116	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0977	0.0247
117	2045	ALT2	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2413	0.0560
118	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1395	0.0352
119	2045	ALT2	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3075	0.0735
120	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1712	0.0435
121	2045	ALT2	EB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.5253	0.1192
122	2045	ALT2	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	5.4349	1.2460
123	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	4.0888	0.9318
124	2045	ALT2	EB	MD	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1607	0.0479
125	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3447	0.0853
126	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1239	0.0312
127	2045	ALT2	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.4311	0.1141
128	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0535	0.0144
129	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.5730	0.1392
130	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3106	0.0745
131	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.7461	0.1761
132	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2960	0.0729
133	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.6517	0.1593
134	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.7553	0.4098
135	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.6281	0.1474
136	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0800	0.0210
137	2045	ALT2	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	8.1034	1.6887
138	2045	ALT2	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1738	0.0464
139	2045	ALT2	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1915	0.0476
140	2045	ALT2	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4393	0.1120
141	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1166	0.0286
142	2045	ALT2	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3064	0.0777
143	2045	ALT2	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2789	0.0702
144	2045	ALT2	EB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.5414	0.1571
145	2045	ALT2	EB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	1.4293	0.4146
146	2045	ALT2	EB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.0617	0.0179
147	2045	ALT2	EB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	1.2087	0.3506
148	2045	ALT2	EB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4394	0.1275
149	2045	ALT2	EB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.7246	0.2102
150	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.7897	0.2283
151	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	1.0662	0.3083
152	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.8457	0.2445
153	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2413	0.0698
154	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4614	0.1334
155	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3429	0.0991
156	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2697	0.0780
157	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4746	0.1372
158	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.5470	0.1581
159	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3129	0.0905
160	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.5834	0.1687
161	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1917	0.0556
162	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1376	0.0399
163	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3256	0.0944
164	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0327	0.0095
165	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1525	0.0442

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
166	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1883	0.0546
167	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1330	0.0386
168	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0864	0.0250
169	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7858	0.2279
170	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5678	0.1647
171	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3548	0.1029
172	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2076	0.0602
173	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3689	0.1070
174	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2611	0.0757
175	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3120	0.0905
176	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2729	0.0791
177	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3713	0.1077
178	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1801	0.0522
179	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2158	0.0626
180	2045	ALT2	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2907	0.0843
181	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5766	0.1667
182	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5404	0.1563
183	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3918	0.1133
184	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1357	0.0392
185	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.4482	0.1296
186	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1771	0.0512
187	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2799	0.0809
188	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1220	0.0353
189	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3595	0.1040
190	2045	ALT2	EB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.0190	0.0055
191	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4698	0.1358
192	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0376	0.0109
193	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.7305	0.2112
194	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0850	0.0246
195	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1004	0.0290
196	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0842	0.0244
197	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4898	0.1416
198	2045	ALT2	EB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2191	0.0633
199	2045	ALT2	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.5132	0.1482
200	2045	ALT2	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2642	0.0763
201	2045	ALT2	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	1.0039	0.2900
202	2045	ALT2	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2332	0.0673
203	2045	ALT2	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	1.0689	0.3087
204	2045	ALT2	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2276	0.0657
205	2045	ALT2	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.5072	0.1465
206	2045	ALT2	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2288	0.0661
207	2045	ALT2	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.8331	0.2406
208	2045	ALT2	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2570	0.0742
209	2045	ALT2	EB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0656	0.0189
210	2045	ALT2	EB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.8159	0.2367
211	2045	ALT2	EB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.5631	0.1633
212	2045	ALT2	EB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	1.5070	0.4372
213	2045	ALT2	EB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.8672	0.2516
214	2045	ALT2	EB	MD														
215	2045	ALT2	EB	MD														
1	2045	ALT2	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.7973	1.6584
2	2045	ALT2	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	20.2512	4.2978
3	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.9091	0.1946
4	2045	ALT2	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	17.0583	3.6194
5	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.3603	1.3553
6	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.0983	2.1394
7	2045	ALT2	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	14.6143	3.1062
8	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	18.7862	3.9717
9	2045	ALT2	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	15.5118	3.2981
10	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.8854	1.0291
11	2045	ALT2	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.6304	2.0354
12	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.8664	1.4508
13	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.6315	1.1988
14	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.1830	1.9394
15	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.6736	2.4846
16	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.7966	1.4492

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
17	2045	ALT2	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.8550	2.5078
18	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.0568	1.9210
19	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.6679	1.4157
20	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	14.9097	3.1585
21	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.5663	0.3332
22	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.1856	0.9128
23	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.4588	0.9694
24	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.6592	0.8033
25	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.4131	0.5303
26	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	20.5436	4.5272
27	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	15.3125	3.3730
28	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.5703	1.8772
29	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.4766	1.2050
30	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.4557	2.0805
31	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.8899	1.5174
32	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.8514	1.7210
33	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.1196	1.5657
34	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.8930	1.9424
35	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.5143	0.9918
36	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.4087	1.1883
37	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.2837	1.6002
38	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.8571	2.3682
39	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.4924	2.2954
40	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.1769	1.5636
41	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.6500	0.5804
42	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.2835	1.8034
43	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.3720	0.7367
44	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.3301	1.1645
45	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.3513	0.5147
46	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.5900	1.4378
47	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.3564	0.0780
48	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.4609	1.6261
49	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.6093	0.1332
50	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.9016	2.3748
51	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.7628	0.3904
52	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.6972	0.6000
53	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.0596	0.4558
54	2045	ALT2	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.8822	2.6224
55	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.3865	1.1902
56	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.1103	1.5620
57	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.7252	0.8208
58	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	13.3148	2.9239
59	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.2664	0.7220
60	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	14.1564	3.1247
61	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.0321	0.6715
62	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.2837	1.3850
63	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.6417	0.5787
64	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.8923	1.9382
65	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.8423	0.6230
66	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.8728	0.1914
67	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.7919	1.4731
68	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.8145	1.0484
69	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.9887	2.5848
70	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.9791	1.5077
71	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.5610	2.0522
72	2045	ALT2	EB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.8917	1.9172
73	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1019	0.0237
74	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0792	0.0183
75	2045	ALT2	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1885	0.0459
76	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1985	0.0478
77	2045	ALT2	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1936	0.0459
78	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1482	0.0350
79	2045	ALT2	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2392	0.0561
80	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3064	0.0731
81	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5638	0.1316
82	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2333	0.0562

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
83	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1343	0.0280
84	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1201	0.0282
85	2045	ALT2	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.6863	0.1527
86	2045	ALT2	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.6455	0.1392
87	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1375	0.0316
88	2045	ALT2	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3052	0.0686
89	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0726	0.0163
90	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2323	0.0495
91	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3217	0.0671
92	2045	ALT2	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2813	0.0640
93	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	15.6923	3.0215
94	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.4849	0.3126
95	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2890	0.0642
96	2045	ALT2	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3387	0.0756
97	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2378	0.0472
98	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2160	0.0450
99	2045	ALT2	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.5627	0.1211
100	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4440	0.0976
101	2045	ALT2	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1656	0.0343
102	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1494	0.0326
103	2045	ALT2	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1053	0.0242
104	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1636	0.0386
105	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1603	0.0363
106	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0210	0.0052
107	2045	ALT2	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3476	0.0780
108	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1733	0.0424
109	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2684	0.0599
110	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1904	0.0452
111	2045	ALT2	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1042	0.0231
112	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2878	0.0669
113	2045	ALT2	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2450	0.0574
114	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1654	0.0401
115	2045	ALT2	EB	PM														
116	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0617	0.0157
117	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1791	0.0397
118	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0771	0.0189
119	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1757	0.0412
120	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0833	0.0206
121	2045	ALT2	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2663	0.0572
122	2045	ALT2	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	4.3216	0.9459
123	2045	ALT2	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	3.9858	0.8514
124	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1908	0.0438
125	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0314	0.0071
126	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0930	0.0222
127	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4166	0.0971
128	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0332	0.0087
129	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3410	0.0755
130	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2430	0.0576
131	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4943	0.1061
132	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2018	0.0488
133	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5812	0.1307
134	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.9928	0.2272
135	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4317	0.0957
136	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0608	0.0152
137	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	3.4206	0.7125
138	2045	ALT2	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1150	0.0267
139	2045	ALT2	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1399	0.0349
140	2045	ALT2	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3490	0.0838
141	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0696	0.0170
142	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1959	0.0486
143	2045	ALT2	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1494	0.0369
144	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3077	0.0892
145	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.8126	0.2357
146	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0351	0.0102
147	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6872	0.1993
148	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2498	0.0725

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
149	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4119	0.1195
150	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4254	0.1234
151	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5742	0.1665
152	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4554	0.1321
153	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1382	0.0401
154	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2645	0.0767
155	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1965	0.0570
156	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1547	0.0449
157	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2721	0.0789
158	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3136	0.0909
159	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1795	0.0521
160	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3344	0.0970
161	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1173	0.0342
162	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0844	0.0246
163	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1995	0.0582
164	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0199	0.0058
165	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0934	0.0272
166	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1153	0.0336
167	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0816	0.0238
168	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0530	0.0155
169	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4811	0.1403
170	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3477	0.1014
171	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1920	0.0560
172	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1123	0.0328
173	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1997	0.0582
174	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1412	0.0412
175	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1689	0.0493
176	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1476	0.0431
177	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2009	0.0586
178	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0974	0.0284
179	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1167	0.0340
180	2045	ALT2	EB	PM	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1573	0.0459
181	2045	ALT2	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3297	0.0953
182	2045	ALT2	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3091	0.0894
183	2045	ALT2	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2241	0.0648
184	2045	ALT2	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.0776	0.0224
185	2045	ALT2	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2563	0.0741
186	2045	ALT2	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1012	0.0293
187	2045	ALT2	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1601	0.0463
188	2045	ALT2	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.0698	0.0202
189	2045	ALT2	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2057	0.0595
190	2045	ALT2	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.0110	0.0032
191	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2695	0.0782
192	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0214	0.0062
193	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4189	0.1215
194	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0487	0.0141
195	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0575	0.0167
196	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0483	0.0140
197	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2809	0.0815
198	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1256	0.0364
199	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3015	0.0874
200	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1553	0.0450
201	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5898	0.1711
202	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1370	0.0397
203	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6279	0.1821
204	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1380	0.0400
205	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3073	0.0891
206	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1386	0.0402
207	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5049	0.1464
208	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1557	0.0451
209	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0397	0.0115
210	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4448	0.1290
211	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3069	0.0890
212	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.8215	0.2382
213	2045	ALT2	EB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4726	0.1371
214	2045	ALT2	EB	PM														

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
215	2045	ALT2	EB	PM														
1	2045	ALT2	EB	NT	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	3.2825	0.8052
2	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	8.1196	1.9853
3	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	0.3947	0.0970
4	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	7.1422	1.7461
5	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.7403	0.6714
6	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.1441	1.0113
7	2045	ALT2	EB	NT	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	6.2909	1.5330
8	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.8197	1.9018
9	2045	ALT2	EB	NT	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	6.7841	1.6528
10	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.9771	0.4794
11	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.1418	1.0045
12	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.8228	0.6863
13	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.6420	0.6483
14	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.1311	1.0113
15	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	5.5693	1.3522
16	2045	ALT2	EB	NT	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	3.3421	0.8129
17	2045	ALT2	EB	NT	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	5.6546	1.3730
18	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.4619	1.0808
19	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.4429	0.8364
20	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	7.4865	1.8195
21	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	0.8155	0.1991
22	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.2611	0.7949
23	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.4346	0.8393
24	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.1578	0.7626
25	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	2.0796	0.5011
26	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	17.8331	4.3077
27	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	13.8737	3.3544
28	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	8.1323	1.9592
29	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.4653	1.3197
30	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	9.2324	2.2386
31	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.8076	1.6433
32	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	7.5204	1.8034
33	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.8743	1.6537
34	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	8.4149	2.0083
35	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.4194	1.0629
36	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.2952	1.2735
37	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.1310	1.7150
38	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	10.6577	2.5529
39	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	10.6307	2.5640
40	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.7985	1.6359
41	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.5941	0.6268
42	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	8.0156	1.9198
43	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.2762	0.7899
44	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.1805	1.2490
45	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.2828	0.5507
46	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.3657	1.5259
47	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.3530	0.0853
48	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.2910	1.7591
49	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.5958	0.1438
50	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	9.3371	2.2466
51	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.4883	0.3590
52	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	2.1685	0.5201
53	2045	ALT2	EB	NT	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	1.7084	0.4080
54	2045	ALT2	EB	NT	0.048324363	0.115697464	0.062529394	1.018384415	0.020502371	0.061157057	0.009379409	0.152757662	0.110853757	1.134081879	0.02988178	0.213914719	9.4044	2.2691
55	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.2853	1.0246
56	2045	ALT2	EB	NT	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	5.8003	1.3893
57	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.1094	0.7515
58	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	10.9753	2.6367
59	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.7992	0.6762
60	2045	ALT2	EB	NT	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	12.0992	2.9186
61	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.6852	0.6519
62	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.6401	1.3747
63	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.1726	0.5254
64	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.2491	1.7518
65	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.3674	0.5717

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
66	2045	ALT2	EB	NT	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	0.8589	0.2027
67	2045	ALT2	EB	NT	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	6.5828	1.5400
68	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.7165	1.1120
69	2045	ALT2	EB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	11.8773	2.7741
70	2045	ALT2	EB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.0577	1.6695
71	2045	ALT2	EB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	9.6452	2.2593
72	2045	ALT2	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.4315	2.2430
73	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1707	0.0456
74	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1289	0.0323
75	2045	ALT2	EB	NT	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1578	0.0477
76	2045	ALT2	EB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1920	0.0526
77	2045	ALT2	EB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1819	0.0508
78	2045	ALT2	EB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1454	0.0386
79	2045	ALT2	EB	NT	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1845	0.0555
80	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3168	0.0817
81	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.5711	0.1461
82	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2943	0.0762
83	2045	ALT2	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1206	0.0287
84	2045	ALT2	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2580	0.0634
85	2045	ALT2	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4897	0.1207
86	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.5384	0.1339
87	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1825	0.0476
88	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2219	0.0570
89	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0920	0.0233
90	2045	ALT2	EB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3396	0.0901
91	2045	ALT2	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2405	0.0556
92	2045	ALT2	EB	NT	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.2429	0.0705
93	2045	ALT2	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	2.7202	0.6531
94	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	1.2474	0.2994
95	2045	ALT2	EB	NT	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.4399	0.1153
96	2045	ALT2	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2853	0.0677
97	2045	ALT2	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1820	0.0413
98	2045	ALT2	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4046	0.0935
99	2045	ALT2	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3734	0.0918
100	2045	ALT2	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.6254	0.1499
101	2045	ALT2	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2932	0.0695
102	2045	ALT2	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2184	0.0521
103	2045	ALT2	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1676	0.0414
104	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2234	0.0555
105	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1911	0.0484
106	2045	ALT2	EB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0334	0.0092
107	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3097	0.0802
108	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1958	0.0515
109	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3148	0.0789
110	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3206	0.0786
111	2045	ALT2	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2193	0.0521
112	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4221	0.1100
113	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2847	0.0753
114	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1764	0.0461
115	2045	ALT2	EB	NT														
116	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0571	0.0144
117	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1861	0.0457
118	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1688	0.0436
119	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2557	0.0637
120	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1605	0.0414
121	2045	ALT2	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.6183	0.1454
122	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	3.5590	0.8815
123	2045	ALT2	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	2.6841	0.6171
124	2045	ALT2	EB	NT	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1125	0.0337
125	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2486	0.0603
126	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1061	0.0280
127	2045	ALT2	EB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2770	0.0738
128	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0659	0.0181
129	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3418	0.0861
130	2045	ALT2	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3469	0.0877
131	2045	ALT2	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4354	0.1014

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
132	2045	ALT2	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3889	0.0997
133	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4360	0.1073
134	2045	ALT2	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.9064	0.4746
135	2045	ALT2	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3942	0.0958
136	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0807	0.0220
137	2045	ALT2	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	5.9965	1.3198
138	2045	ALT2	EB	NT	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1252	0.0366
139	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1867	0.0498
140	2045	ALT2	EB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2946	0.0834
141	2045	ALT2	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1467	0.0369
142	2045	ALT2	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2647	0.0726
143	2045	ALT2	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4542	0.1154
144	2045	ALT2	EB	NT	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	0.4591	0.1374
145	2045	ALT2	EB	NT	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	1.2118	0.3627
146	2045	ALT2	EB	NT	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	0.0523	0.0156
147	2045	ALT2	EB	NT	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	1.0248	0.3067
148	2045	ALT2	EB	NT	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	0.3727	0.1116
149	2045	ALT2	EB	NT	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	0.6142	0.1839
150	2045	ALT2	EB	NT	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.7344	0.2143
151	2045	ALT2	EB	NT	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.9916	0.2894
152	2045	ALT2	EB	NT	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.7867	0.2296
153	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2365	0.0684
154	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.4522	0.1307
155	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3359	0.0971
156	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2643	0.0764
157	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.4652	0.1345
158	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5360	0.1550
159	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3067	0.0887
160	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5716	0.1653
161	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3369	0.0974
162	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2419	0.0699
163	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5722	0.1655
164	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.0572	0.0165
165	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2679	0.0775
166	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3309	0.0957
167	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2337	0.0676
168	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1519	0.0439
169	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	1.3807	0.3992
170	2045	ALT2	EB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.9976	0.2884
171	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4750	0.1372
172	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2780	0.0803
173	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4938	0.1426
174	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3494	0.1009
175	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4178	0.1207
176	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3654	0.1055
177	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4970	0.1435
178	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2412	0.0697
179	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2890	0.0835
180	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3892	0.1124
181	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6582	0.1909
182	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6168	0.1789
183	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4474	0.1298
184	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.1547	0.0449
185	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.5116	0.1484
186	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2020	0.0586
187	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.3196	0.0927
188	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.1393	0.0404
189	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4106	0.1191
190	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.0218	0.0063
191	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4584	0.1324
192	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0366	0.0106
193	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.7127	0.2059
194	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0830	0.0240
195	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0980	0.0283
196	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0822	0.0237
197	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4780	0.1380

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
198	2045	ALT2	EB	NT	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2138	0.0617
199	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4773	0.1385
200	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2459	0.0713
201	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.9338	0.2709
202	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2168	0.0629
203	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.9941	0.2884
204	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2112	0.0613
205	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4705	0.1365
206	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2122	0.0616
207	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.7729	0.2242
208	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2384	0.0692
209	2045	ALT2	EB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.0607	0.0176
210	2045	ALT2	EB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.7039	0.2075
211	2045	ALT2	EB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.4857	0.1432
212	2045	ALT2	EB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	1.2997	0.3831
213	2045	ALT2	EB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.7479	0.2204
214	2045	ALT2	EB	NT														
215	2045	ALT2	EB	NT														
216	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.3222	1.0357
217	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.9126	1.8767
218	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.3622	1.2850
219	2045	ALT2	WB	AM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	7.8991	1.8731
220	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.2359	1.0124
221	2045	ALT2	WB	AM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	3.8527	0.9149
222	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.2529	1.0172
223	2045	ALT2	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	2.0322	0.4856
224	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.1094	0.5210
225	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.3477	0.3337
226	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.8089	1.4387
227	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.2201	0.5532
228	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.1994	0.2989
229	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.8944	1.9500
230	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.8945	0.4691
231	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.0218	0.4969
232	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.9885	0.4892
233	2045	ALT2	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	6.9010	1.6808
234	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.0601	0.2590
235	2045	ALT2	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.2463	1.0324
236	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.8073	0.6863
237	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.4153	1.0738
238	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.3871	0.3370
239	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.2387	0.3011
240	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.5207	0.3717
241	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.5950	1.3616
242	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.3747	0.0914
243	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.8045	1.1681
244	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.7067	0.1723
245	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.5534	1.1059
246	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.4174	0.8335
247	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.6239	1.1229
248	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.4483	0.3539
249	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.6080	1.1248
250	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.4784	1.8245
251	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.9245	1.4453
252	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.7192	1.1552
253	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.3801	0.8274
254	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.2593	0.7978
255	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.7224	1.3945
256	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.5305	0.8645
257	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.6257	1.1266
258	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.0734	1.0006
259	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.9300	1.4597
260	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.9796	0.9788
261	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.8949	1.2019
262	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	12.5421	3.0827
263	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.2900	1.5412

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
264	2045	ALT2	WB	AM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	2.4934	0.6081
265	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.3157	0.3213
266	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.5986	1.1207
267	2045	ALT2	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	1.3729	0.3358
268	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.2368	0.0584
269	2045	ALT2	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	5.9766	1.4608
270	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.5836	0.6286
271	2045	ALT2	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.8061	0.9219
272	2045	ALT2	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	2.7305	0.6608
273	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.6631	0.6457
274	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.0139	0.7330
275	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.1633	1.2596
276	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.3685	0.3343
277	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.9878	0.7278
278	2045	ALT2	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.5551	0.3761
279	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.0575	0.7388
280	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.1376	0.7596
281	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.3653	0.5728
282	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.4290	0.8292
283	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.2251	0.7814
284	2045	ALT2	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.0429	0.9804
285	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.8267	0.6886
286	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.4536	0.5979
287	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.3395	1.0605
288	2045	ALT2	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.4708	0.1158
289	2045	ALT2	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.9425	1.2111
290	2045	ALT2	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3514	0.0889
291	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1614	0.0415
292	2045	ALT2	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0550	0.0139
293	2045	ALT2	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1613	0.0457
294	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1290	0.0333
295	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1245	0.0329
296	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0778	0.0204
297	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	3.7425	0.8172
298	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0141	0.0037
299	2045	ALT2	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1248	0.0316
300	2045	ALT2	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.1838	0.2998
301	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1809	0.0466
302	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0987	0.0265
303	2045	ALT2	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0658	0.0150
304	2045	ALT2	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0980	0.0279
305	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1273	0.0307
306	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1211	0.0333
307	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0622	0.0163
308	2045	ALT2	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1646	0.0458
309	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0698	0.0169
310	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.7219	0.1816
311	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1308	0.0334
312	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0754	0.0190
313	2045	ALT2	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6805	0.1658
314	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1371	0.0375
315	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1496	0.0377
316	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0745	0.0185
317	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0924	0.0230
318	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0685	0.0174
319	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1614	0.0414
320	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0828	0.0211
321	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1605	0.0430
322	2045	ALT2	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0856	0.0237
323	2045	ALT2	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3364	0.0808
324	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0900	0.0215
325	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4217	0.1112
326	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1347	0.0337
327	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2180	0.0580
328	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0780	0.0197
329	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1529	0.0393

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
330	2045	ALT2	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0561	0.0135
331	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3503	0.0873
332	2045	ALT2	WB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1092	0.0261
333	2045	ALT2	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2483	0.0605
334	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1701	0.0417
335	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3732	0.0924
336	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3449	0.0815
337	2045	ALT2	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0899	0.0204
338	2045	ALT2	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1201	0.0282
339	2045	ALT2	WB	AM	0.04765416	0.117687871	0.071945858	1.171745577	0.019880674	0.06298802	0.010791879	0.175761837	0.119600018	1.289433448	0.030672553	0.238749857	0.5505	0.1308
340	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.5406	0.3813
341	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	1.2221	0.3009
342	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2490	0.0619
343	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0945	0.0217
344	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2144	0.0533
345	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0262	0.0061
346	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0604	0.0144
347	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0967	0.0252
348	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.9958	0.2454
349	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1379	0.0325
350	2045	ALT2	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2395	0.0589
351	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0555	0.0123
352	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0513	0.0131
353	2045	ALT2	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1963	0.0480
354	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3126	0.0818
355	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1180	0.0294
356	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1334	0.0357
357	2045	ALT2	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2528	0.0708
358	2045	ALT2	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1441	0.0368
359	2045	ALT2	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1563	0.0442
360	2045	ALT2	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1099	0.0297
361	2045	ALT2	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0923	0.0257
362	2045	ALT2	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1220	0.0298
363	2045	ALT2	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1860	0.0498
364	2045	ALT2	WB	AM														
365	2045	ALT2	WB	AM														
366	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3727	0.1078
367	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5604	0.1620
368	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2839	0.0821
369	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2691	0.0778
370	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2833	0.0819
371	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1305	0.0377
372	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2015	0.0583
373	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1321	0.0382
374	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5920	0.1712
375	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1975	0.0571
376	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.0920	0.0266
377	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.6519	0.1885
378	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1455	0.0421
379	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2006	0.0582
380	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.1864	0.0541
381	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6829	0.1981
382	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.1006	0.0292
383	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4290	0.1245
384	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2541	0.0737
385	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6334	0.1837
386	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.1886	0.0547
387	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.1649	0.0478
388	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.1669	0.0484
389	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6548	0.1900
390	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0276	0.0080
391	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3702	0.1069
392	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0526	0.0152
393	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3490	0.1008
394	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2490	0.0719
395	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3554	0.1026

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
396	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1018	0.0294
397	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3526	0.1018
398	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.5096	0.1472
399	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4342	0.1254
400	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3130	0.0904
401	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2242	0.0648
402	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2162	0.0624
403	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4618	0.1334
404	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2608	0.0753
405	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3608	0.1042
406	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2800	0.0809
407	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4222	0.1219
408	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2640	0.0762
409	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3684	0.1064
410	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.7397	0.2137
411	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3962	0.1144
412	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1518	0.0438
413	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0776	0.0224
414	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3310	0.0956
415	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0776	0.0224
416	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0120	0.0035
417	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3386	0.0978
418	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1456	0.0421
419	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2400	0.0693
420	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3005	0.0869
421	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2845	0.0823
422	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3377	0.0977
423	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.6513	0.1883
424	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1593	0.0460
425	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3763	0.1088
426	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1981	0.0573
427	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3788	0.1095
428	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.4044	0.1169
429	2045	ALT2	WB	AM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2697	0.0780
430	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2560	0.0739
431	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2308	0.0667
432	2045	ALT2	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2718	0.0785
433	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.3469	0.1006
434	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2915	0.0846
435	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.5595	0.1623
436	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.0537	0.0156
437	2045	ALT2	WB	AM	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.5951	0.1726
216	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.2312	1.6235
217	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.6004	3.0395
218	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.1040	2.0465
219	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.4607	3.0195
220	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.3286	1.6566
221	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.7012	1.5092
222	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.4536	1.6920
223	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.5960	0.8189
224	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.6003	0.8377
225	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.2850	0.5301
226	2045	ALT2	WB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.9908	2.3191
227	2045	ALT2	WB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.6805	0.8618
228	2045	ALT2	WB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.0710	0.4892
229	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	14.0694	3.3018
230	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.6524	0.8660
231	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.9363	0.9285
232	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.7182	0.8688
233	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	13.1498	3.0555
234	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.0470	0.4782
235	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.2631	1.9221
236	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.7814	1.3651
237	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.2946	1.9504
238	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.6381	0.6219
239	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.3455	0.5533

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
240	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.8831	0.6849
241	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.5462	2.4880
242	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.6707	0.1573
243	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.5685	2.0046
244	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.2653	0.2964
245	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.1530	1.9055
246	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.0842	1.4247
247	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.1776	1.9067
248	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.6973	0.6385
249	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.5397	2.0146
250	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.9064	3.2902
251	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.1223	2.6251
252	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.7310	2.0644
253	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.2535	1.4786
254	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.0285	1.4254
255	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.9250	2.3002
256	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.5195	1.5348
257	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.5022	1.9959
258	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.3334	1.7294
259	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.6373	2.5068
260	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.2559	1.7118
261	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.9071	2.0907
262	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	22.7463	5.3020
263	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.3347	2.6370
264	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.7383	1.0955
265	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.4981	0.5796
266	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.5953	1.9729
267	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.7050	0.6220
268	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.4693	0.1083
269	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	12.1049	2.7847
270	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.3397	1.2193
271	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.1944	1.8664
272	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.0020	1.3692
273	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.9691	1.3652
274	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.7954	1.5512
275	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	12.2553	2.8225
276	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.3680	0.7754
277	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.4447	1.7033
278	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.8661	0.8745
279	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.5940	1.7207
280	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.9962	1.8202
281	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.8417	1.3376
282	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.5109	1.9410
283	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.8764	1.8002
284	2045	ALT2	WB	MD	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	9.7075	2.2096
285	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.9317	1.5841
286	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.7861	1.3166
287	2045	ALT2	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.3595	2.3472
288	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.1409	0.2627
289	2045	ALT2	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	12.1069	2.7823
290	2045	ALT2	WB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3365	0.0830
291	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2392	0.0593
292	2045	ALT2	WB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0913	0.0223
293	2045	ALT2	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3251	0.0877
294	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1996	0.0486
295	2045	ALT2	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2836	0.0784
296	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1661	0.0414
297	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	7.0739	1.4761
298	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0315	0.0079
299	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1367	0.0338
300	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.4635	0.3585
301	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3907	0.0984
302	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0965	0.0236
303	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1769	0.0413
304	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1662	0.0424
305	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3145	0.0742

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
306	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1513	0.0394
307	2045	ALT2	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1718	0.0470
308	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2658	0.0645
309	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1830	0.0451
310	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.6977	0.3937
311	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3000	0.0752
312	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1234	0.0299
313	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.2973	0.3073
314	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2853	0.0775
315	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3059	0.0758
316	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1488	0.0361
317	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1819	0.0440
318	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1152	0.0290
319	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2860	0.0712
320	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1685	0.0423
321	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2533	0.0650
322	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1640	0.0413
323	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6307	0.1470
324	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1433	0.0341
325	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.6492	0.1562
326	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3084	0.0784
327	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4449	0.1089
328	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1432	0.0353
329	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2516	0.0619
330	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1149	0.0273
331	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5323	0.1251
332	2045	ALT2	WB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2147	0.0493
333	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5565	0.1271
334	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3157	0.0746
335	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.8875	0.2036
336	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.6986	0.1625
337	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3684	0.0792
338	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2244	0.0534
339	2045	ALT2	WB	MD	0.04751897	0.120606284	0.071945858	1.171745577	0.019755216	0.065672905	0.010791879	0.175761837	0.119464827	1.292351861	0.030547095	0.241434742	1.1173	0.2590
340	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	3.6197	0.8002
341	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	2.6561	0.6119
342	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4204	0.0972
343	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3194	0.0744
344	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2835	0.0633
345	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1008	0.0245
346	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2287	0.0537
347	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1829	0.0431
348	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.9576	0.4485
349	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4924	0.1090
350	2045	ALT2	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5038	0.1224
351	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2209	0.0513
352	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1256	0.0322
353	2045	ALT2	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4634	0.1112
354	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.5717	0.1427
355	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2673	0.0656
356	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1685	0.0434
357	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4574	0.1162
358	2045	ALT2	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2814	0.0721
359	2045	ALT2	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2991	0.0826
360	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2130	0.0540
361	2045	ALT2	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1901	0.0509
362	2045	ALT2	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2518	0.0596
363	2045	ALT2	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3385	0.0890
364	2045	ALT2	WB	MD														
365	2045	ALT2	WB	MD														
366	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.7867	0.2275
367	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	1.1825	0.3419
368	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5990	0.1732
369	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5678	0.1642
370	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5980	0.1729
371	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2753	0.0796

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
372	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.4256	0.1230
373	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2785	0.0805
374	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	1.2499	0.3614
375	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.4168	0.1205
376	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1943	0.0562
377	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	1.3761	0.3979
378	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.3073	0.0889
379	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.4515	0.1318
380	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.4196	0.1224
381	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	1.5376	0.4487
382	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.2263	0.0660
383	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.9657	0.2818
384	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.5719	0.1669
385	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	1.4260	0.4162
386	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.4248	0.1240
387	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.3713	0.1084
388	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.3759	0.1097
389	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	1.4743	0.4303
390	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.0708	0.0205
391	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.9464	0.2736
392	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1347	0.0389
393	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.8924	0.2580
394	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.6365	0.1840
395	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.9084	0.2626
396	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2601	0.0752
397	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.9016	0.2607
398	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	1.3025	0.3766
399	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	1.1098	0.3209
400	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.8003	0.2314
401	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5732	0.1657
402	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5526	0.1598
403	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	1.1859	0.3429
404	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.6699	0.1937
405	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.9266	0.2679
406	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.7189	0.2079
407	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	1.0838	0.3134
408	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.6781	0.1961
409	2045	ALT2	WB	MD	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.9462	0.2736
410	2045	ALT2	WB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	1.6303	0.4709
411	2045	ALT2	WB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.8731	0.2522
412	2045	ALT2	WB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3346	0.0966
413	2045	ALT2	WB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1712	0.0494
414	2045	ALT2	WB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.7293	0.2107
415	2045	ALT2	WB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1710	0.0494
416	2045	ALT2	WB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.0266	0.0077
417	2045	ALT2	WB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.7461	0.2155
418	2045	ALT2	WB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3210	0.0927
419	2045	ALT2	WB	MD	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.5288	0.1527
420	2045	ALT2	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6929	0.2010
421	2045	ALT2	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6560	0.1903
422	2045	ALT2	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.7789	0.2259
423	2045	ALT2	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	1.5016	0.4356
424	2045	ALT2	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.3673	0.1065
425	2045	ALT2	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.8678	0.2517
426	2045	ALT2	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4567	0.1325
427	2045	ALT2	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.8734	0.2534
428	2045	ALT2	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.9326	0.2705
429	2045	ALT2	WB	MD	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6218	0.1804
430	2045	ALT2	WB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4378	0.1266
431	2045	ALT2	WB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3945	0.1141
432	2045	ALT2	WB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4646	0.1343
433	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.7636	0.2228
434	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.6418	0.1873
435	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	1.2313	0.3594
436	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	0.1179	0.0344
437	2045	ALT2	WB	MD	0.047906902	0.116052272	0.043235568	0.704155699	0.020115141	0.061483353	0.006485335	0.105623355	0.09114247	0.820207971	0.026600476	0.167106708	1.3099	0.3823

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
216	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.0306	1.2899
217	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.4999	2.4512
218	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.5087	1.6057
219	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.1846	2.3883
220	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.0573	1.3063
221	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.5816	1.1992
222	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.1147	1.3234
223	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.8712	0.6224
224	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.9157	0.8455
225	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.5365	0.5468
226	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.2440	2.4199
227	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.9357	0.8535
228	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.1354	0.4694
229	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	14.8688	3.2619
230	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.6720	0.8152
231	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.0645	0.8975
232	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.8551	0.8460
233	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	13.9093	3.0447
234	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.1661	0.4770
235	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.9365	1.9634
236	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.8168	1.2947
237	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.6406	2.1147
238	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.9908	0.6582
239	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.6314	0.5795
240	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.0145	0.6700
241	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.4088	2.5209
242	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.7204	0.1583
243	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.4097	2.0625
244	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.3813	0.3035
245	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.0442	1.9832
246	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.6052	1.4513
247	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.0791	1.9857
248	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.8376	0.6301
249	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.2402	2.0411
250	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	14.3961	3.1954
251	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.8413	2.6188
252	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.0018	1.9969
253	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.4469	1.4301
254	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.2142	1.3786
255	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.9675	2.3877
256	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.7335	1.4872
257	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.9610	1.9709
258	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.3882	1.6328
259	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.8183	2.3860
260	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.1525	1.5810
261	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.2381	2.0307
262	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	23.0162	5.0322
263	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.7149	2.5537
264	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.7955	1.0439
265	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.4877	0.5422
266	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.8845	1.9113
267	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.7873	0.6025
268	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.4768	0.1038
269	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	12.8173	2.7871
270	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.7187	1.2365
271	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.0083	1.9448
272	2045	ALT2	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.5188	1.4058
273	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.4210	1.3901
274	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.3964	1.5970
275	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	13.3659	2.9004
276	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.5477	0.7757
277	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.0584	1.7525
278	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.2601	0.9187
279	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.3746	1.8106
280	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.9325	1.9393
281	2045	ALT2	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.3520	1.3851

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
282	2045	ALT2	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.4433	2.0509
283	2045	ALT2	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.7075	1.8951
284	2045	ALT2	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.5836	2.3123
285	2045	ALT2	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.7424	1.6816
286	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.4764	1.4021
287	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.9451	2.5750
288	2045	ALT2	WB	PM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.2502	0.2736
289	2045	ALT2	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.5159	2.9455
290	2045	ALT2	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1612	0.0393
291	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1161	0.0281
292	2045	ALT2	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0415	0.0099
293	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2440	0.0596
294	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1319	0.0308
295	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1827	0.0450
296	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0560	0.0130
297	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.8828	0.3985
298	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0113	0.0027
299	2045	ALT2	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0658	0.0155
300	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.7792	0.1878
301	2045	ALT2	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3266	0.0751
302	2045	ALT2	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0422	0.0098
303	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1402	0.0313
304	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1045	0.0250
305	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2060	0.0463
306	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0699	0.0171
307	2045	ALT2	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1630	0.0408
308	2045	ALT2	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1734	0.0394
309	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1168	0.0265
310	2045	ALT2	WB	PM	0.04751897	0.120606284	0.071945858	1.171745577	0.019755216	0.065672905	0.010791879	0.175761837	0.119464827	1.292351861	0.030547095	0.241434742	1.3440	0.2921
311	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2113	0.0493
312	2045	ALT2	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0558	0.0129
313	2045	ALT2	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.8845	0.2005
314	2045	ALT2	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1511	0.0383
315	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1789	0.0432
316	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0910	0.0209
317	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1670	0.0388
318	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0549	0.0136
319	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1598	0.0386
320	2045	ALT2	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1151	0.0277
321	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2018	0.0489
322	2045	ALT2	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1208	0.0280
323	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4204	0.0945
324	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0846	0.0198
325	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4093	0.0944
326	2045	ALT2	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2171	0.0530
327	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3584	0.0816
328	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0963	0.0231
329	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1490	0.0357
330	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0772	0.0182
331	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3221	0.0726
332	2045	ALT2	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1665	0.0373
333	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3730	0.0815
334	2045	ALT2	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1934	0.0434
335	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6503	0.1396
336	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5039	0.1110
337	2045	ALT2	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2670	0.0544
338	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1048	0.0238
339	2045	ALT2	WB	PM	0.047475344	0.124707719	0.071945858	1.171745577	0.019714667	0.06944619	0.010791879	0.175761837	0.119421202	1.296453296	0.030506545	0.245208027	0.9391	0.2084
340	2045	ALT2	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	3.7054	0.7657
341	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	2.3063	0.5130
342	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2139	0.0453
343	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2972	0.0637
344	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1957	0.0414
345	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0774	0.0168
346	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1961	0.0433
347	2045	ALT2	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1408	0.0320

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
348	2045	ALT2	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	1.5740	0.3396
349	2045	ALT2	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3687	0.0849
350	2045	ALT2	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3178	0.0753
351	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1701	0.0358
352	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1434	0.0332
353	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2746	0.0645
354	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4413	0.1042
355	2045	ALT2	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1820	0.0433
356	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1431	0.0336
357	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3281	0.0799
358	2045	ALT2	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2009	0.0474
359	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2082	0.0504
360	2045	ALT2	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1342	0.0311
361	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1301	0.0310
362	2045	ALT2	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1499	0.0340
363	2045	ALT2	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2484	0.0606
364	2045	ALT2	WB	PM														
365	2045	ALT2	WB	PM														
366	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4147	0.1203
367	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6233	0.1808
368	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3158	0.0916
369	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2993	0.0868
370	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3252	0.0943
371	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1497	0.0434
372	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2314	0.0671
373	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1515	0.0439
374	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6794	0.1970
375	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2266	0.0657
376	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1056	0.0306
377	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7481	0.2170
378	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1671	0.0485
379	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2404	0.0697
380	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2234	0.0648
381	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.8184	0.2374
382	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1204	0.0349
383	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5141	0.1491
384	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3045	0.0883
385	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7591	0.2202
386	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2262	0.0656
387	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1977	0.0573
388	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2002	0.0580
389	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7848	0.2276
390	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0421	0.0122
391	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5618	0.1629
392	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0799	0.0232
393	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5297	0.1536
394	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3779	0.1096
395	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5392	0.1564
396	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1545	0.0448
397	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5351	0.1552
398	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7732	0.2242
399	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6588	0.1910
400	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4750	0.1378
401	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3402	0.0987
402	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3280	0.0951
403	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6622	0.1920
404	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3741	0.1085
405	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5173	0.1500
406	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4013	0.1164
407	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6051	0.1755
408	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3785	0.1098
409	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5283	0.1532
410	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.0324	0.2994
411	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5530	0.1604
412	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2120	0.0615
413	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1084	0.0314

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
414	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4618	0.1339
415	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1082	0.0314
416	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0168	0.0049
417	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4726	0.1371
418	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2034	0.0590
419	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3348	0.0971
420	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4264	0.1236
421	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4037	0.1171
422	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4792	0.1390
423	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9238	0.2679
424	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2260	0.0655
425	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5339	0.1548
426	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2811	0.0815
427	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5373	0.1558
428	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5738	0.1664
429	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3825	0.1109
430	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2114	0.0613
431	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1905	0.0553
432	2045	ALT2	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2244	0.0651
433	2045	ALT2	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4542	0.1313
434	2045	ALT2	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3817	0.1104
435	2045	ALT2	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.7327	0.2118
436	2045	ALT2	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0702	0.0203
437	2045	ALT2	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.7793	0.2253
216	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.7408	1.0797
217	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.8486	2.0045
218	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.9677	1.3603
219	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.7986	2.0010
220	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.8195	1.1042
221	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.3967	1.0037
222	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.9287	1.1351
223	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.3972	0.5542
224	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.0933	0.4958
225	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.3375	0.3163
226	2045	ALT2	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.8636	1.3898
227	2045	ALT2	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.2814	0.5460
228	2045	ALT2	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.3148	0.3178
229	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.9455	2.1500
230	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.4565	0.5979
231	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.6477	0.6410
232	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.5878	0.6244
233	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	9.1892	2.1972
234	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.4426	0.3483
235	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.8480	1.4033
236	2045	ALT2	WB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.1106	0.9952
237	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.5306	1.5767
238	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.1076	0.5106
239	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.8722	0.4538
240	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.3519	0.5737
241	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	8.6584	2.0923
242	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.5663	0.1373
243	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.2979	1.7586
244	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.0810	0.2621
245	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.9027	1.6621
246	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.1731	1.2538
247	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.9530	1.6799
248	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.1922	0.5331
249	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.0083	1.7001
250	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	11.3215	2.7550
251	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	8.7525	2.1126
252	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.8937	1.6745
253	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.9383	1.1995
254	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.7602	1.1562
255	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.8408	1.8792
256	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.9778	1.2037
257	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.3488	1.5291

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
258	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.4807	1.3285
259	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.8225	1.8931
260	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.2753	1.2783
261	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.4085	1.5433
262	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	15.9746	3.8447
263	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.9546	1.9156
264	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.2743	0.7824
265	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.7616	0.4241
266	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.9023	1.4260
267	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.7051	0.4139
268	2045	ALT2	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.2960	0.0722
269	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.6783	1.8667
270	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.3218	0.8036
271	2045	ALT2	WB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	5.0002	1.2098
272	2045	ALT2	WB	NT	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	3.7177	0.9014
273	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.6970	0.8997
274	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.1902	1.0185
275	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.3619	1.8169
276	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.0260	0.5020
277	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.3070	1.0600
278	2045	ALT2	WB	NT	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.2633	0.5562
279	2045	ALT2	WB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.5297	1.1085
280	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.4755	1.0969
281	2045	ALT2	WB	NT	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	3.3467	0.8202
282	2045	ALT2	WB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.7845	1.1690
283	2045	ALT2	WB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.4497	1.0882
284	2045	ALT2	WB	NT	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	5.5733	1.3707
285	2045	ALT2	WB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.8940	0.9545
286	2045	ALT2	WB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.3275	0.8150
287	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.7779	1.4200
288	2045	ALT2	WB	NT	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	0.6454	0.1597
289	2045	ALT2	WB	NT	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	6.6332	1.6412
290	2045	ALT2	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2735	0.0680
291	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1760	0.0440
292	2045	ALT2	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0700	0.0173
293	2045	ALT2	WB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2309	0.0626
294	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1395	0.0343
295	2045	ALT2	WB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2078	0.0588
296	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1318	0.0334
297	2045	ALT2	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	5.8410	1.2725
298	2045	ALT2	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0142	0.0035
299	2045	ALT2	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0743	0.0177
300	2045	ALT2	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.3702	0.3351
301	2045	ALT2	WB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2817	0.0766
302	2045	ALT2	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0578	0.0142
303	2045	ALT2	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1786	0.0448
304	2045	ALT2	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1122	0.0286
305	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3068	0.0791
306	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0854	0.0214
307	2045	ALT2	WB	NT	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1445	0.0446
308	2045	ALT2	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1697	0.0417
309	2045	ALT2	WB	NT	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1713	0.0499
310	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	1.0538	0.2700
311	2045	ALT2	WB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2904	0.0801
312	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0985	0.0244
313	2045	ALT2	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.1619	0.2827
314	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2065	0.0566
315	2045	ALT2	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2350	0.0593
316	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1046	0.0258
317	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1626	0.0420
318	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1245	0.0315
319	2045	ALT2	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2489	0.0633
320	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1473	0.0390
321	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1793	0.0467
322	2045	ALT2	WB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1227	0.0334
323	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4737	0.1164

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
324	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1758	0.0435
325	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.5106	0.1300
326	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2583	0.0695
327	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2641	0.0670
328	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1348	0.0340
329	2045	ALT2	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1756	0.0445
330	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1177	0.0295
331	2045	ALT2	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3619	0.0875
332	2045	ALT2	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2238	0.0538
333	2045	ALT2	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3338	0.0786
334	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2475	0.0604
335	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.5133	0.1240
336	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4966	0.1153
337	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2184	0.0518
338	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2547	0.0629
339	2045	ALT2	WB	NT	0.04765416	0.117687871	0.071945858	1.171745577	0.019880674	0.06298802	0.010791879	0.175761837	0.119600018	1.289433448	0.030672553	0.238749857	0.8770	0.1992
340	2045	ALT2	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.6774	0.4029
341	2045	ALT2	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	1.6799	0.4218
342	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2417	0.0550
343	2045	ALT2	WB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1937	0.0519
344	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2197	0.0508
345	2045	ALT2	WB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0803	0.0221
346	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1387	0.0364
347	2045	ALT2	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1227	0.0309
348	2045	ALT2	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.3322	0.3096
349	2045	ALT2	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2989	0.0773
350	2045	ALT2	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4628	0.1148
351	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1295	0.0325
352	2045	ALT2	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1340	0.0345
353	2045	ALT2	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4329	0.1108
354	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4070	0.1048
355	2045	ALT2	WB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2115	0.0586
356	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1159	0.0308
357	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3258	0.0852
358	2045	ALT2	WB	NT	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.2013	0.0569
359	2045	ALT2	WB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2129	0.0602
360	2045	ALT2	WB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1774	0.0463
361	2045	ALT2	WB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1333	0.0368
362	2045	ALT2	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2377	0.0601
363	2045	ALT2	WB	NT	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2798	0.0793
364	2045	ALT2	WB	NT														
365	2045	ALT2	WB	NT														
366	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6408	0.1859
367	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.9634	0.2795
368	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4879	0.1415
369	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4625	0.1342
370	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4877	0.1415
371	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2246	0.0652
372	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.3471	0.1007
373	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2272	0.0659
374	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	1.0195	0.2958
375	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.3400	0.0986
376	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.1585	0.0460
377	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	1.1225	0.3256
378	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2507	0.0727
379	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.3652	0.1076
380	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.3393	0.1000
381	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	1.2434	0.3665
382	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.1831	0.0540
383	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.7812	0.2303
384	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.4625	0.1363
385	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	1.1532	0.3399
386	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.3436	0.1013
387	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.3004	0.0885
388	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.3040	0.0896
389	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	1.1924	0.3515

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
390	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.0555	0.0161
391	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.7434	0.2157
392	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.1058	0.0307
393	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.7011	0.2034
394	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4999	0.1450
395	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.7135	0.2070
396	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.2044	0.0593
397	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.7083	0.2055
398	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	1.0231	0.2968
399	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.8718	0.2529
400	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.6288	0.1824
401	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4502	0.1306
402	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.4340	0.1259
403	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.9021	0.2617
404	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.5096	0.1478
405	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.7047	0.2044
406	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.5468	0.1586
407	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.8246	0.2392
408	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.5158	0.1496
409	2045	ALT2	WB	NT	0.04765416	0.117687871	0.043235568	0.704155699	0.019880674	0.06298802	0.006485335	0.105623355	0.090889729	0.82184357	0.02636601	0.168611375	0.7198	0.2088
410	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	1.2775	0.3694
411	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.6843	0.1978
412	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2623	0.0758
413	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1341	0.0388
414	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5716	0.1653
415	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1341	0.0388
416	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.0208	0.0060
417	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5848	0.1691
418	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2515	0.0727
419	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.4144	0.1198
420	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.5410	0.1595
421	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.5121	0.1509
422	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.6080	0.1792
423	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	1.1724	0.3456
424	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.2866	0.0845
425	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.6774	0.1997
426	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.3567	0.1051
427	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.6819	0.2010
428	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.7281	0.2146
429	2045	ALT2	WB	NT	0.048324363	0.115697464	0.043235568	0.704155699	0.020502371	0.061157057	0.006485335	0.105623355	0.091559931	0.819853163	0.026987707	0.166780412	0.4855	0.1431
430	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.4932	0.1426
431	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.4444	0.1285
432	2045	ALT2	WB	NT	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.5234	0.1513
433	2045	ALT2	WB	NT	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	0.6175	0.1848
434	2045	ALT2	WB	NT	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	0.5191	0.1554
435	2045	ALT2	WB	NT	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	0.9959	0.2981
436	2045	ALT2	WB	NT	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	0.0954	0.0285
437	2045	ALT2	WB	NT	0.048990706	0.116607381	0.043235568	0.704155699	0.021120443	0.061994373	0.006485335	0.105623355	0.092226274	0.82076308	0.027605778	0.167617728	1.0591	0.3170
1	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.5663	0.6013
2	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.4422	1.5027
3	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.2955	0.0693
4	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.4241	1.2639
5	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.1099	0.4949
6	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.2040	0.7445
7	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.8552	1.1351
8	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.0718	1.4104
9	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.1488	1.2029
10	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.5516	0.3598
11	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.3090	0.7755
12	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.2575	0.5284
13	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.9736	0.4670
14	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.0105	0.7125
15	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.9889	0.9427
16	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.3474	0.5552
17	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.8776	0.9140
18	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.2480	0.7736

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
19	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.3949	0.5693
20	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.9242	1.1681
21	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.5228	0.1240
22	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.9811	0.4714
23	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.0301	0.4804
24	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.8214	0.4336
25	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.1946	0.2845
26	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.8611	2.3547
27	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.4006	1.7641
28	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.1241	0.9847
29	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.7809	0.6667
30	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.6718	1.1212
31	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.5304	0.8495
32	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.9782	0.9556
33	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.7586	0.9070
34	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.5988	1.1052
35	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.4589	0.5949
36	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.9464	0.7129
37	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.9683	0.9601
38	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.0200	1.4618
39	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.0213	1.4660
40	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.8533	0.9348
41	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.4742	0.3588
42	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.5090	1.0943
43	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.8718	0.4554
44	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.9583	0.7198
45	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.3186	0.3212
46	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.6624	0.8913
47	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.1993	0.0486
48	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.0236	0.9770
49	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.3316	0.0807
50	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.1485	1.2458
51	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.8861	0.2148
52	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.3179	0.3195
53	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.0216	0.2463
54	2045	ALT3	EB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.4836	1.3122
55	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.5307	0.6090
56	2045	ALT3	EB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.2891	0.7867
57	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.7110	0.4103
58	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.7752	1.3780
59	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.4117	0.3374
60	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.7862	1.3739
61	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.3296	0.3185
62	2045	ALT3	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.6750	0.6388
63	2045	ALT3	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.0412	0.2471
64	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.2446	0.7610
65	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.0322	0.2425
66	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.4190	0.0966
67	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.1973	0.7292
68	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.2744	0.5202
69	2045	ALT3	EB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.5275	1.2513
70	2045	ALT3	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.2341	0.7356
71	2045	ALT3	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.0430	0.9014
72	2045	ALT3	EB	AM	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.8223	0.8574
73	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1042	0.0267
74	2045	ALT3	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0868	0.0224
75	2045	ALT3	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0956	0.0249
76	2045	ALT3	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1421	0.0386
77	2045	ALT3	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1119	0.0294
78	2045	ALT3	EB	AM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1119	0.0328
79	2045	ALT3	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1263	0.0348
80	2045	ALT3	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2592	0.0718
81	2045	ALT3	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3487	0.0848
82	2045	ALT3	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2776	0.0738
83	2045	ALT3	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0950	0.0219
84	2045	ALT3	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1430	0.0359

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
85	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4411	0.0999
86	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3408	0.0800
87	2045	ALT3	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0744	0.0187
88	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1896	0.0459
89	2045	ALT3	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0412	0.0104
90	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0876	0.0188
91	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2743	0.0659
92	2045	ALT3	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1136	0.0265
93	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	2.2541	0.5076
94	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.8712	0.2118
95	2045	ALT3	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2287	0.0596
96	2045	ALT3	EB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1087	0.0259
97	2045	ALT3	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1708	0.0383
98	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1198	0.0260
99	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2915	0.0665
100	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3504	0.0834
101	2045	ALT3	EB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1629	0.0366
102	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1620	0.0394
103	2045	ALT3	EB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0657	0.0157
104	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1791	0.0459
105	2045	ALT3	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1061	0.0260
106	2045	ALT3	EB	AM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.0258	0.0079
107	2045	ALT3	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1778	0.0417
108	2045	ALT3	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1748	0.0467
109	2045	ALT3	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1813	0.0433
110	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2182	0.0555
111	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1228	0.0298
112	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2363	0.0594
113	2045	ALT3	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1885	0.0492
114	2045	ALT3	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1417	0.0377
115	2045	ALT3	EB	AM														
116	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0560	0.0146
117	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1176	0.0291
118	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0684	0.0175
119	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1848	0.0470
120	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0622	0.0158
121	2045	ALT3	EB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3571	0.0852
122	2045	ALT3	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	2.5048	0.5958
123	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.7665	0.4175
124	2045	ALT3	EB	AM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.0853	0.0261
125	2045	ALT3	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2024	0.0542
126	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0414	0.0100
127	2045	ALT3	EB	AM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.2227	0.0666
128	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0101	0.0025
129	2045	ALT3	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3071	0.0829
130	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0937	0.0224
131	2045	ALT3	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.4213	0.1156
132	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0657	0.0156
133	2045	ALT3	EB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3594	0.0951
134	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.8516	0.2039
135	2045	ALT3	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3315	0.0886
136	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0189	0.0046
137	2045	ALT3	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	3.6246	0.7775
138	2045	ALT3	EB	AM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.0896	0.0267
139	2045	ALT3	EB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0754	0.0189
140	2045	ALT3	EB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2237	0.0614
141	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0356	0.0088
142	2045	ALT3	EB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1367	0.0341
143	2045	ALT3	EB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1080	0.0268
144	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.7767	0.5153
145	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.7767	0.5153
146	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.7767	0.5153
147	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.7767	0.5153
148	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.7767	0.5153
149	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.7767	0.5153
150	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	2.1181	0.6143

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
151	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	2.1181	0.6143
152	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	2.1181	0.6143
153	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3646	0.3957
154	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3646	0.3957
155	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3646	0.3957
156	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3646	0.3957
157	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3646	0.3957
158	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3646	0.3957
159	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3646	0.3957
160	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3646	0.3957
161	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1579	0.0458
162	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1579	0.0458
163	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1579	0.0458
164	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1579	0.0458
165	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1579	0.0458
166	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1579	0.0458
167	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1579	0.0458
168	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1579	0.0458
169	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1579	0.0458
170	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1579	0.0458
171	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0381	0.0110
172	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0381	0.0110
173	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0381	0.0110
174	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0381	0.0110
175	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0381	0.0110
176	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0381	0.0110
177	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0381	0.0110
178	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0381	0.0110
179	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1501	0.0435
180	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1501	0.0435
181	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1414	0.0410
182	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1414	0.0410
183	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1414	0.0410
184	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1414	0.0410
185	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1414	0.0410
186	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1414	0.0410
187	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1414	0.0410
188	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1414	0.0410
189	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1414	0.0410
190	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1414	0.0410
191	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3486	0.1011
192	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3486	0.1011
193	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3486	0.1011
194	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3486	0.1011
195	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3486	0.1011
196	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3486	0.1011
197	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3486	0.1011
198	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3486	0.1011
199	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0583	0.0169
200	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0583	0.0169
201	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0583	0.0169
202	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0583	0.0169
203	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0583	0.0169
204	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0469	0.0136
205	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0469	0.0136
206	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0469	0.0136
207	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0469	0.0136
208	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0469	0.0136
209	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0469	0.0136
210	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0291	0.0084
211	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0291	0.0084
212	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0291	0.0084
213	2045	ALT3	EB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0291	0.0084
214	2045	ALT3	EB	AM														
215	2045	ALT3	EB	AM														
1	2045	ALT3	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.5038	1.2500

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
2	2045	ALT3	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	13.8723	3.1345
3	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.6304	0.1432
4	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.5911	2.6163
5	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.4844	1.0184
6	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.9616	1.5713
7	2045	ALT3	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	10.4561	2.3701
8	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.1052	2.9519
9	2045	ALT3	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	10.9834	2.4825
10	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.3454	0.7519
11	2045	ALT3	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.9522	1.5729
12	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.7021	1.0619
13	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.0551	0.9238
14	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.2139	1.4173
15	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.3451	1.9110
16	2045	ALT3	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.9371	1.1301
17	2045	ALT3	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.3047	1.8973
18	2045	ALT3	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.7686	1.5604
19	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.0588	1.1681
20	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.5205	2.4250
21	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.1294	0.2609
22	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.1643	0.9610
23	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.2603	0.9783
24	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.8291	0.8859
25	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.5410	0.5886
26	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	21.0966	4.9092
27	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	16.0109	3.7236
28	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.9661	2.0910
29	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.9310	1.3868
30	2045	ALT3	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.8827	2.3192
31	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.3208	1.7142
32	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.2018	1.9148
33	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.5961	1.7791
34	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.1959	2.1406
35	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.8232	1.1299
36	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.7794	1.3539
37	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.7852	1.8238
38	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.4035	2.6690
39	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.2855	2.6475
40	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.2687	1.6982
41	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.7803	0.6525
42	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.4760	1.9795
43	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.5229	0.8259
44	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.5701	1.3059
45	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.4812	0.5827
46	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.8582	1.6067
47	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.3766	0.0885
48	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.4610	1.7396
49	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.6187	0.1447
50	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.9445	2.3114
51	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.7847	0.4178
52	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.7348	0.6426
53	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.1306	0.4978
54	2045	ALT3	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	11.6324	2.7078
55	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.4302	1.2691
56	2045	ALT3	EB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.1116	1.6502
57	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.7610	0.8769
58	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	12.8809	2.9924
59	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.2139	0.7504
60	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.4542	3.1299
61	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.1611	0.7455
62	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.4870	1.5226
63	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.5442	0.5936
64	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.1542	1.8944
65	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.6522	0.6191
66	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.0211	0.2330
67	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.9260	1.7930

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
68	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.6485	1.2821
69	2045	ALT3	EB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.9881	3.1497
70	2045	ALT3	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.1947	1.8541
71	2045	ALT3	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.2620	2.2723
72	2045	ALT3	EB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.8056	2.1903
73	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2042	0.0517
74	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1620	0.0398
75	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2009	0.0509
76	2045	ALT3	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2780	0.0747
77	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2371	0.0612
78	2045	ALT3	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2106	0.0552
79	2045	ALT3	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2649	0.0717
80	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4563	0.1154
81	2045	ALT3	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.7627	0.1814
82	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4475	0.1142
83	2045	ALT3	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2141	0.0486
84	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2538	0.0611
85	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.8741	0.1883
86	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.7689	0.1778
87	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1932	0.0467
88	2045	ALT3	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3387	0.0765
89	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0891	0.0218
90	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2785	0.0645
91	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.5383	0.1239
92	2045	ALT3	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3187	0.0802
93	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	5.5398	1.2278
94	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	1.8506	0.4318
95	2045	ALT3	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.4818	0.1216
96	2045	ALT3	EB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.5063	0.1182
97	2045	ALT3	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3434	0.0724
98	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3277	0.0721
99	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6516	0.1451
100	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6532	0.1499
101	2045	ALT3	EB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.4017	0.0892
102	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2422	0.0561
103	2045	ALT3	EB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1516	0.0355
104	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2684	0.0662
105	2045	ALT3	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2311	0.0556
106	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0397	0.0103
107	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4290	0.1016
108	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2852	0.0744
109	2045	ALT3	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3837	0.0902
110	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3432	0.0835
111	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2196	0.0513
112	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4443	0.1084
113	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3661	0.0909
114	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2739	0.0715
115	2045	ALT3	EB	MD														
116	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1046	0.0266
117	2045	ALT3	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2345	0.0558
118	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1484	0.0376
119	2045	ALT3	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3316	0.0807
120	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1386	0.0348
121	2045	ALT3	EB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.5788	0.1331
122	2045	ALT3	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	5.5124	1.2703
123	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	4.0546	0.9268
124	2045	ALT3	EB	MD	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1641	0.0483
125	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3284	0.0808
126	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1216	0.0308
127	2045	ALT3	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.4274	0.1130
128	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0525	0.0144
129	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.5867	0.1446
130	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3037	0.0734
131	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.7724	0.1861
132	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2528	0.0617
133	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.6866	0.1709

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
134	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.9760	0.4655
135	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.6649	0.1633
136	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0825	0.0217
137	2045	ALT3	EB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	8.0450	1.6716
138	2045	ALT3	EB	MD	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1808	0.0522
139	2045	ALT3	EB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2041	0.0525
140	2045	ALT3	EB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.4570	0.1232
141	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0999	0.0245
142	2045	ALT3	EB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3290	0.0849
143	2045	ALT3	EB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3427	0.0866
144	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7255	0.2104
145	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.9150	0.5554
146	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0825	0.0239
147	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.6195	0.4697
148	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5888	0.1708
149	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9707	0.2815
150	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3346	0.3870
151	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.8018	0.5225
152	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.4293	0.4145
153	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4590	0.1331
154	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.8778	0.2546
155	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6522	0.1891
156	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5133	0.1489
157	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9030	0.2619
158	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.0406	0.3018
159	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5955	0.1727
160	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.1098	0.3218
161	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5592	0.1622
162	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4015	0.1164
163	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9499	0.2755
164	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0952	0.0276
165	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4448	0.1290
166	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5494	0.1593
167	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3881	0.1125
168	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2522	0.0732
169	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	2.2921	0.6647
170	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.6561	0.4803
171	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9471	0.2747
172	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5542	0.1607
173	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9845	0.2855
174	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6966	0.2020
175	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.8329	0.2415
176	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7283	0.2112
177	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9910	0.2874
178	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4808	0.1395
179	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5760	0.1670
180	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7760	0.2250
181	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.2658	0.3671
182	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.1863	0.3440
183	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.8603	0.2495
184	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2975	0.0863
185	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9837	0.2853
186	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3885	0.1127
187	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6145	0.1782
188	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2679	0.0777
189	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7894	0.2289
190	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0419	0.0121
191	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.1009	0.3193
192	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0880	0.0255
193	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.7120	0.4965
194	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1992	0.0578
195	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2354	0.0683
196	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1975	0.0573
197	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.1478	0.3329
198	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5135	0.1489
199	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7788	0.2259

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
200	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4009	0.1163
201	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.5231	0.4417
202	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3536	0.1026
203	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.6217	0.4703
204	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1342	0.0389
205	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2989	0.0867
206	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1348	0.0391
207	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4911	0.1424
208	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1515	0.0439
209	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0387	0.0112
210	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3410	0.0989
211	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2352	0.0682
212	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6295	0.1826
213	2045	ALT3	EB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3622	0.1051
214	2045	ALT3	EB	MD														
215	2045	ALT3	EB	MD														
1	2045	ALT3	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.0429	0.7501
2	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.6139	1.8747
3	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.3591	0.0888
4	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.5493	1.6092
5	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.5871	0.6392
6	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.9337	0.9650
7	2045	ALT3	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	6.0755	1.4853
8	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.5501	1.8407
9	2045	ALT3	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	6.4187	1.5641
10	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.8846	0.4598
11	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.9635	0.9647
12	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.6859	0.6567
13	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.5103	0.6160
14	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.9304	0.9620
15	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.3291	1.2975
16	2045	ALT3	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.1875	0.7757
17	2045	ALT3	EB	PM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	5.5764	1.3623
18	2045	ALT3	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.4558	1.0871
19	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.4362	0.8403
20	2045	ALT3	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	7.4410	1.8186
21	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	0.7998	0.1962
22	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.1269	0.7627
23	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.2692	0.7982
24	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.0430	0.7385
25	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.0104	0.4858
26	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	17.1910	4.1629
27	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	13.3101	3.2339
28	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.9960	1.9316
29	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.3638	1.2973
30	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	9.0083	2.1862
31	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.6616	1.6180
32	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.3067	1.7581
33	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.7434	1.6252
34	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	8.1495	1.9521
35	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.2690	1.0323
36	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.1144	1.2368
37	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.8876	1.6656
38	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	10.4747	2.5130
39	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	10.3998	2.5106
40	2045	ALT3	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.5189	1.5707
41	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.5078	0.6058
42	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.7333	1.8606
43	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.1739	0.7650
44	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.0177	1.2095
45	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.2183	0.5351
46	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.2027	1.4945
47	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.3448	0.0833
48	2045	ALT3	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.7525	1.6238
49	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.5633	0.1355
50	2045	ALT3	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.4968	2.0328

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
51	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.110004457	1.148286015	0.029130911	0.226982203	1.3979	0.3376
52	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.1233	0.5077
53	2045	ALT3	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	1.6695	0.3964
54	2045	ALT3	EB	PM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	9.1593	2.1819
55	2045	ALT3	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.2915	1.0233
56	2045	ALT3	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	5.7272	1.3604
57	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.0766	0.7401
58	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	10.8083	2.5811
59	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.7584	0.6662
60	2045	ALT3	EB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	11.7788	2.8224
61	2045	ALT3	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	2.8336	0.6877
62	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.9354	1.4412
63	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.2566	0.5456
64	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.5221	1.8154
65	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.4380	0.5879
66	2045	ALT3	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	0.8521	0.2013
67	2045	ALT3	EB	PM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	6.6999	1.5779
68	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.7786	1.1307
69	2045	ALT3	EB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	12.0291	2.8175
70	2045	ALT3	EB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.1590	1.6993
71	2045	ALT3	EB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	9.5516	2.2386
72	2045	ALT3	EB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.4633	2.2526
73	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1327	0.0348
74	2045	ALT3	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1570	0.0417
75	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1262	0.0332
76	2045	ALT3	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2080	0.0570
77	2045	ALT3	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1742	0.0492
78	2045	ALT3	EB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1720	0.0476
79	2045	ALT3	EB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1793	0.0546
80	2045	ALT3	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3409	0.0929
81	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.5584	0.1427
82	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2947	0.0760
83	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1212	0.0290
84	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2874	0.0707
85	2045	ALT3	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4581	0.1116
86	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.5305	0.1328
87	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1663	0.0438
88	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1430	0.0341
89	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0836	0.0215
90	2045	ALT3	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3347	0.0893
91	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2508	0.0594
92	2045	ALT3	EB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.2374	0.0695
93	2045	ALT3	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	3.0413	0.7474
94	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	1.2562	0.3148
95	2045	ALT3	EB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.4408	0.1163
96	2045	ALT3	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3442	0.0827
97	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1842	0.0421
98	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3734	0.0866
99	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3922	0.0970
100	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.6546	0.1572
101	2045	ALT3	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3216	0.0776
102	2045	ALT3	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2095	0.0502
103	2045	ALT3	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1785	0.0443
104	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2257	0.0563
105	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2110	0.0538
106	2045	ALT3	EB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.0357	0.0106
107	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3133	0.0822
108	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2003	0.0530
109	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3347	0.0848
110	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3242	0.0798
111	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2482	0.0603
112	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4309	0.1127
113	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2883	0.0768
114	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1873	0.0492
115	2045	ALT3	EB	PM														
116	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0638	0.0163

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
117	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1759	0.0434
118	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1722	0.0448
119	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2850	0.0726
120	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1477	0.0377
121	2045	ALT3	EB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.6787	0.1614
122	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	3.6163	0.8999
123	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	3.0841	0.7095
124	2045	ALT3	EB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1111	0.0332
125	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2410	0.0577
126	2045	ALT3	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1122	0.0312
127	2045	ALT3	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2708	0.0734
128	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0659	0.0181
129	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3576	0.0910
130	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3330	0.0845
131	2045	ALT3	EB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.5017	0.1207
132	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3272	0.0839
133	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4813	0.1242
134	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	2.1941	0.5544
135	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4179	0.1062
136	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0753	0.0205
137	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	5.3985	1.1900
138	2045	ALT3	EB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1284	0.0377
139	2045	ALT3	EB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1707	0.0456
140	2045	ALT3	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2990	0.0850
141	2045	ALT3	EB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1523	0.0383
142	2045	ALT3	EB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2832	0.0821
143	2045	ALT3	EB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.5426	0.1380
144	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	4.6206	1.3346
145	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	4.6206	1.3346
146	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	4.6206	1.3346
147	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	4.6206	1.3346
148	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	4.6206	1.3346
149	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	4.6206	1.3346
150	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	4.8890	1.4121
151	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	4.8890	1.4121
152	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	4.8890	1.4121
153	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	3.0723	0.8882
154	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	3.0723	0.8882
155	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	3.0723	0.8882
156	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	3.0723	0.8882
157	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	3.0723	0.8882
158	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	3.0723	0.8882
159	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	3.0723	0.8882
160	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	3.0723	0.8882
161	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6413	0.1852
162	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6413	0.1852
163	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6413	0.1852
164	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6413	0.1852
165	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6413	0.1852
166	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6413	0.1852
167	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6413	0.1852
168	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6413	0.1852
169	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6413	0.1852
170	2045	ALT3	EB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6413	0.1852
171	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1423	0.0411
172	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1423	0.0411
173	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1423	0.0411
174	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1423	0.0411
175	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1423	0.0411
176	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1423	0.0411
177	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1423	0.0411
178	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1423	0.0411
179	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.5596	0.1618
180	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.5596	0.1618
181	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4692	0.1356
182	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4692	0.1356

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
183	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4692	0.1356
184	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4692	0.1356
185	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4692	0.1356
186	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4692	0.1356
187	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4692	0.1356
188	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4692	0.1356
189	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4692	0.1356
190	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4692	0.1356
191	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2422	0.3591
192	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2422	0.3591
193	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2422	0.3591
194	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2422	0.3591
195	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2422	0.3591
196	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2422	0.3591
197	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2422	0.3591
198	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2422	0.3591
199	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1943	0.0562
200	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1943	0.0562
201	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1943	0.0562
202	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1943	0.0562
203	2045	ALT3	EB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1943	0.0562
204	2045	ALT3	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2089	0.0604
205	2045	ALT3	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2089	0.0604
206	2045	ALT3	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2089	0.0604
207	2045	ALT3	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2089	0.0604
208	2045	ALT3	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2089	0.0604
209	2045	ALT3	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.2089	0.0604
210	2045	ALT3	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1377	0.0398
211	2045	ALT3	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1377	0.0398
212	2045	ALT3	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1377	0.0398
213	2045	ALT3	EB	PM	0.04751897	0.120606284	0.043235568	0.704155699	0.019755216	0.065672905	0.006485335	0.105623355	0.090754538	0.824761983	0.026240551	0.17129626	0.1377	0.0398
214	2045	ALT3	EB	PM														
215	2045	ALT3	EB	PM														
1	2045	ALT3	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.8518	1.6741
2	2045	ALT3	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	20.3560	4.3287
3	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.8948	0.1910
4	2045	ALT3	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	16.9344	3.5904
5	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.3523	1.3548
6	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.1380	2.1517
7	2045	ALT3	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	14.6861	3.1274
8	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	18.7276	3.9581
9	2045	ALT3	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	15.2635	3.2339
10	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.9258	1.0408
11	2045	ALT3	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.7241	2.0616
12	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.9322	1.4692
13	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.6371	1.2008
14	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.1935	1.9431
15	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.6291	2.4740
16	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.7759	1.4445
17	2045	ALT3	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.9933	2.5464
18	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.2751	1.9810
19	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.8297	1.4603
20	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	15.2716	3.2583
21	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.5993	0.3422
22	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.2483	0.9306
23	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.4961	0.9802
24	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.7046	0.8165
25	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.4446	0.5394
26	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	20.8836	4.6234
27	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	15.5959	3.4525
28	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.7621	1.9298
29	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.6093	1.2413
30	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.6460	2.1336
31	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.0306	1.5570
32	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.9925	1.7610
33	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.2592	1.6049

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
34	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.0200	1.9786
35	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.5890	1.0130
36	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.4994	1.2139
37	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.4078	1.6351
38	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.1256	2.4414
39	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.7535	2.3666
40	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.3372	1.6080
41	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.7139	0.5980
42	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.4365	1.8457
43	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.4433	0.7562
44	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.4446	1.1958
45	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.3978	0.5275
46	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.6897	1.4655
47	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.3627	0.0796
48	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.5504	1.6514
49	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.6171	0.1353
50	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.9748	2.3958
51	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.7775	0.3945
52	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.6848	0.5988
53	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.0592	0.4574
54	2045	ALT3	EB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.9001	2.6369
55	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.4943	1.2235
56	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.0985	1.5651
57	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.7195	0.8226
58	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	13.2501	2.9188
59	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.2571	0.7223
60	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	14.0674	3.1139
61	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.1107	0.6951
62	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.4502	1.4343
63	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.6971	0.5958
64	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.0316	1.9840
65	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.8863	0.6374
66	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.8923	0.1966
67	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.0434	1.5406
68	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.9890	1.0952
69	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	12.3815	2.6902
70	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.2196	1.5722
71	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.5508	2.0499
72	2045	ALT3	EB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.8811	1.9147
73	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1141	0.0269
74	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0824	0.0191
75	2045	ALT3	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1539	0.0363
76	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1928	0.0463
77	2045	ALT3	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2028	0.0488
78	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1523	0.0361
79	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2804	0.0685
80	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3158	0.0756
81	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5308	0.1225
82	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2429	0.0588
83	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1372	0.0288
84	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1317	0.0310
85	2045	ALT3	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.6858	0.1526
86	2045	ALT3	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.6688	0.1456
87	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1430	0.0333
88	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2397	0.0507
89	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0730	0.0166
90	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2423	0.0522
91	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3299	0.0692
92	2045	ALT3	EB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2793	0.0637
93	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	16.0923	3.1275
94	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.5659	0.3348
95	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3005	0.0674
96	2045	ALT3	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3595	0.0810
97	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2309	0.0454
98	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2192	0.0458
99	2045	ALT3	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.5837	0.1269

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
100	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4608	0.1022
101	2045	ALT3	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1919	0.0407
102	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1492	0.0328
103	2045	ALT3	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1135	0.0263
104	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1709	0.0406
105	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1738	0.0398
106	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0221	0.0055
107	2045	ALT3	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3716	0.0843
108	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1817	0.0447
109	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2913	0.0661
110	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1891	0.0448
111	2045	ALT3	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1095	0.0245
112	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2938	0.0687
113	2045	ALT3	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2742	0.0654
114	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1719	0.0418
115	2045	ALT3	EB	NT														
116	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0515	0.0129
117	2045	ALT3	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1960	0.0447
118	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0826	0.0201
119	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1942	0.0458
120	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0723	0.0176
121	2045	ALT3	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2788	0.0606
122	2045	ALT3	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	4.3833	0.9614
123	2045	ALT3	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	3.7931	0.8146
124	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1817	0.0414
125	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0232	0.0050
126	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0906	0.0216
127	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4199	0.0980
128	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0340	0.0089
129	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3586	0.0803
130	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2475	0.0588
131	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5206	0.1130
132	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1845	0.0443
133	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5861	0.1337
134	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.1056	0.2552
135	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4651	0.1044
136	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0613	0.0153
137	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	3.6300	0.7486
138	2045	ALT3	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1217	0.0285
139	2045	ALT3	EB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1399	0.0349
140	2045	ALT3	EB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3742	0.0906
141	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0704	0.0172
142	2045	ALT3	EB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1509	0.0366
143	2045	ALT3	EB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1486	0.0367
144	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3819	0.1114
145	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	1.0080	0.2940
146	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0436	0.0127
147	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.8523	0.2486
148	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3100	0.0904
149	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5108	0.1490
150	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.6533	0.1905
151	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.8819	0.2572
152	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.6995	0.2040
153	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1894	0.0553
154	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3624	0.1057
155	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2692	0.0785
156	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2119	0.0618
157	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3728	0.1087
158	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4297	0.1253
159	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2459	0.0717
160	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4582	0.1336
161	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2621	0.0765
162	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1882	0.0549
163	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4453	0.1299
164	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0446	0.0130
165	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2085	0.0608

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
166	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2575	0.0751
167	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1820	0.0531
168	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1183	0.0345
169	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	1.0747	0.3135
170	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.7764	0.2265
171	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4602	0.1342
172	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2694	0.0786
173	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4785	0.1396
174	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3385	0.0987
175	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4048	0.1181
176	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3539	0.1032
177	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4815	0.1404
178	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2336	0.0681
179	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2800	0.0817
180	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3771	0.1100
181	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5267	0.1536
182	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4936	0.1440
183	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3580	0.1044
184	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1237	0.0361
185	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4094	0.1194
186	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1617	0.0472
187	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2557	0.0746
188	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1115	0.0325
189	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3284	0.0958
190	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0175	0.0051
191	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3809	0.1111
192	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0305	0.0089
193	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5922	0.1727
194	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0689	0.0201
195	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0814	0.0237
196	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0683	0.0199
197	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3971	0.1158
198	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1776	0.0518
199	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3825	0.1116
200	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1969	0.0574
201	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.7481	0.2182
202	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1738	0.0507
203	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.7963	0.2323
204	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0860	0.0251
205	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1916	0.0559
206	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0864	0.0252
207	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3150	0.0919
208	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0972	0.0284
209	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0247	0.0072
210	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2200	0.0642
211	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1517	0.0442
212	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4060	0.1184
213	2045	ALT3	EB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2336	0.0681
214	2045	ALT3	EB	NT														
215	2045	ALT3	EB	NT														
216	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.3231	1.0353
217	2045	ALT3	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.8965	1.8712
218	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.3723	1.2870
219	2045	ALT3	WB	AM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	7.8928	1.8701
220	2045	ALT3	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.2551	1.0169
221	2045	ALT3	WB	AM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	3.8773	0.9207
222	2045	ALT3	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.2659	1.0200
223	2045	ALT3	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	2.0418	0.4878
224	2045	ALT3	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.2091	0.5410
225	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.4108	0.3465
226	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.0838	1.4938
227	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.3451	0.5800
228	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.2659	0.3134
229	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.7627	1.9003
230	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.8302	0.4485
231	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.9500	0.4746

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
232	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.0065	0.4901
233	2045	ALT3	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	6.9532	1.6746
234	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.0796	0.2624
235	2045	ALT3	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.3092	1.0388
236	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.6826	0.6490
237	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.8905	0.9302
238	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.2385	0.2967
239	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.1078	0.2658
240	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.3977	0.3388
241	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.1943	1.2546
242	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.3756	0.0915
243	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.7989	1.1628
244	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.7079	0.1720
245	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.5262	1.0950
246	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.4313	0.8342
247	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.6284	1.1198
248	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.3982	0.3401
249	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.4324	1.0741
250	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.3001	1.7747
251	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.7740	1.3990
252	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.6498	1.1321
253	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.3280	0.8104
254	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.2081	0.7812
255	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.6798	1.3773
256	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.4447	0.8382
257	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.5171	1.0978
258	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.9767	0.9732
259	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.7824	1.4143
260	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.8790	0.9481
261	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.8037	1.1727
262	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	12.1216	2.9644
263	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.0803	1.4845
264	2045	ALT3	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	2.4513	0.5936
265	2045	ALT3	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.2860	0.3119
266	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.5329	1.0968
267	2045	ALT3	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.3566	0.3295
268	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.2336	0.0572
269	2045	ALT3	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	5.8851	1.4276
270	2045	ALT3	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.6504	0.6411
271	2045	ALT3	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.8795	0.9331
272	2045	ALT3	WB	AM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	2.7830	0.6688
273	2045	ALT3	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.7241	0.6562
274	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.0831	0.7447
275	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.9861	1.2026
276	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.3289	0.3207
277	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.8901	0.6947
278	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.5878	0.3809
279	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.1237	0.7486
280	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.0399	0.7258
281	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.3127	0.5560
282	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.3029	0.7915
283	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.1588	0.7600
284	2045	ALT3	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.9577	0.9510
285	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.7424	0.6640
286	2045	ALT3	WB	AM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	2.3992	0.5787
287	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.2312	1.0223
288	2045	ALT3	WB	AM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.4382	0.1065
289	2045	ALT3	WB	AM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.5513	1.1030
290	2045	ALT3	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3662	0.0925
291	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1667	0.0429
292	2045	ALT3	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0645	0.0164
293	2045	ALT3	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1624	0.0460
294	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1232	0.0320
295	2045	ALT3	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1335	0.0369
296	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0811	0.0213
297	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	3.4430	0.7614

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
298	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0147	0.0039
299	2045	ALT3	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1296	0.0329
300	2045	ALT3	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.3239	0.3343
301	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1906	0.0490
302	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0912	0.0247
303	2045	ALT3	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0637	0.0146
304	2045	ALT3	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1000	0.0282
305	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1344	0.0323
306	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1224	0.0339
307	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0667	0.0173
308	2045	ALT3	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1702	0.0474
309	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0659	0.0158
310	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.7790	0.1922
311	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1386	0.0353
312	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0817	0.0204
313	2045	ALT3	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.7054	0.1727
314	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1055	0.0275
315	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1478	0.0372
316	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0844	0.0220
317	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0953	0.0235
318	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0800	0.0204
319	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1697	0.0434
320	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0885	0.0227
321	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1632	0.0437
322	2045	ALT3	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0879	0.0241
323	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3618	0.0883
324	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0888	0.0214
325	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4296	0.1134
326	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1359	0.0338
327	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2276	0.0606
328	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0841	0.0213
329	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1663	0.0427
330	2045	ALT3	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0556	0.0134
331	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3702	0.0923
332	2045	ALT3	WB	AM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1090	0.0260
333	2045	ALT3	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2561	0.0621
334	2045	ALT3	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1574	0.0377
335	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3881	0.0956
336	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3364	0.0795
337	2045	ALT3	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1023	0.0236
338	2045	ALT3	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0956	0.0216
339	2045	ALT3	WB	AM	0.04765416	0.117687871	0.071945858	1.171745577	0.019880674	0.06298802	0.010791879	0.175761837	0.119600018	1.289433448	0.030672553	0.238749857	0.5184	0.1257
340	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.5538	0.3846
341	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	1.2359	0.3049
342	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2650	0.0660
343	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0933	0.0216
344	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2281	0.0570
345	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0264	0.0062
346	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0694	0.0170
347	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0979	0.0258
348	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.9822	0.2420
349	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1445	0.0343
350	2045	ALT3	WB	AM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2447	0.0600
351	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0621	0.0139
352	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0575	0.0143
353	2045	ALT3	WB	AM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2104	0.0517
354	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3174	0.0834
355	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1202	0.0300
356	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1327	0.0357
357	2045	ALT3	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2517	0.0705
358	2045	ALT3	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1556	0.0390
359	2045	ALT3	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1488	0.0420
360	2045	ALT3	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1086	0.0299
361	2045	ALT3	WB	AM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0909	0.0252
362	2045	ALT3	WB	AM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1433	0.0351
363	2045	ALT3	WB	AM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1654	0.0443

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
364	2045	ALT3	WB	AM														
365	2045	ALT3	WB	AM														
366	2045	ALT3	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.4386	0.1267
367	2045	ALT3	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6591	0.1904
368	2045	ALT3	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3338	0.0964
369	2045	ALT3	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3164	0.0914
370	2045	ALT3	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.3296	0.0952
371	2045	ALT3	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1518	0.0438
372	2045	ALT3	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2346	0.0678
373	2045	ALT3	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1536	0.0444
374	2045	ALT3	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.6889	0.1990
375	2045	ALT3	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.2298	0.0664
376	2045	ALT3	WB	AM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1070	0.0309
377	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2917	0.3734
378	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2883	0.0834
379	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3233	0.0935
380	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3003	0.0868
381	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.1008	0.3182
382	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1621	0.0469
383	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.6914	0.1999
384	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4095	0.1184
385	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.0210	0.2952
386	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3041	0.0879
387	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2659	0.0769
388	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2691	0.0778
389	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.0556	0.3052
390	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0499	0.0145
391	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6672	0.1935
392	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0950	0.0275
393	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6291	0.1824
394	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4488	0.1302
395	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6405	0.1858
396	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1833	0.0532
397	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6357	0.1844
398	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9184	0.2664
399	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7826	0.2270
400	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5642	0.1636
401	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4041	0.1172
402	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3895	0.1130
403	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.8461	0.2454
404	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4778	0.1386
405	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6610	0.1917
406	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5129	0.1487
407	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7734	0.2243
408	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4837	0.1403
409	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6750	0.1958
410	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	2.0017	0.5787
411	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.0722	0.3100
412	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4109	0.1188
413	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2101	0.0607
414	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.8957	0.2590
415	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2099	0.0607
416	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0326	0.0094
417	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.9163	0.2649
418	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3941	0.1139
419	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.6492	0.1877
420	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4636	0.1345
421	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4390	0.1273
422	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5211	0.1511
423	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.0048	0.2914
424	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2456	0.0712
425	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5806	0.1684
426	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3055	0.0886
427	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5844	0.1695
428	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6239	0.1809
429	2045	ALT3	WB	AM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4161	0.1207

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
430	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.6704	0.1938
431	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.6044	0.1747
432	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.7119	0.2058
433	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.6274	0.1814
434	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.5274	0.1525
435	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.0120	0.2926
436	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0970	0.0281
437	2045	ALT3	WB	AM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.0764	0.3112
216	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.1071	1.5953
217	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.4073	2.9979
218	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.7195	2.2159
219	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	14.3495	3.2597
220	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.7998	1.7866
221	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.1226	1.6233
222	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.8870	1.8117
223	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.7916	0.8729
224	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.9169	0.9187
225	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.4885	0.5820
226	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.8622	2.5337
227	2045	ALT3	WB	MD	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.0123	0.9468
228	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.2213	0.5262
229	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	14.2074	3.3286
230	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.4496	0.8101
231	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.7301	0.8720
232	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.8738	0.9083
233	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	13.7065	3.1959
234	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.1541	0.5047
235	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.7097	2.0349
236	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.5164	1.2912
237	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.5876	1.7723
238	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.4325	0.5703
239	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.1657	0.5082
240	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.7228	0.6456
241	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.0984	2.3852
242	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.6938	0.1645
243	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.8053	2.0785
244	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.3000	0.3072
245	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.3255	1.9617
246	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.2803	1.4843
247	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.4343	1.9850
248	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.5326	0.5977
249	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.9555	1.8697
250	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	13.1746	3.1101
251	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.4821	2.4673
252	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.3093	1.9622
253	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.9510	1.4053
254	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.7359	1.3546
255	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.3747	2.4344
256	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.2619	1.4745
257	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.1582	1.9156
258	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.0069	1.6518
259	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.1448	2.3898
260	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.8843	1.6241
261	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.6944	2.0496
262	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	22.4231	5.2519
263	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.2106	2.6257
264	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.6849	1.0966
265	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.4816	0.5809
266	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.5906	1.9893
267	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.6795	0.6217
268	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.4635	0.1079
269	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	11.9482	2.7705
270	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.5351	1.2833
271	2045	ALT3	WB	MD	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	8.4871	1.9518
272	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.8891	1.3546
273	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.8757	1.3527

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
274	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.6930	1.5405
275	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	11.0304	2.5265
276	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.0783	0.7057
277	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.7838	1.5445
278	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	3.8047	0.8669
279	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.4463	1.6983
280	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.2639	1.6457
281	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.3773	1.2261
282	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.7950	1.7714
283	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.2525	1.6508
284	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.9953	2.0574
285	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.3162	1.4419
286	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.6329	1.2912
287	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.0420	2.2907
288	2045	ALT3	WB	MD	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.0325	0.2368
289	2045	ALT3	WB	MD	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	10.8306	2.4745
290	2045	ALT3	WB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3005	0.0735
291	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2526	0.0631
292	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1027	0.0254
293	2045	ALT3	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3368	0.0914
294	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2152	0.0530
295	2045	ALT3	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2748	0.0755
296	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1641	0.0406
297	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	7.0202	1.4883
298	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0334	0.0084
299	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1553	0.0387
300	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.6239	0.3988
301	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3897	0.0986
302	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0915	0.0225
303	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1813	0.0427
304	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1498	0.0375
305	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3177	0.0750
306	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1530	0.0401
307	2045	ALT3	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1761	0.0479
308	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2816	0.0713
309	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1886	0.0464
310	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.7096	0.3907
311	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3043	0.0769
312	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1237	0.0299
313	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.3484	0.3228
314	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2110	0.0538
315	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2933	0.0727
316	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1766	0.0457
317	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1856	0.0451
318	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1460	0.0369
319	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2898	0.0722
320	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1767	0.0448
321	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2613	0.0675
322	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1664	0.0420
323	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6786	0.1593
324	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1460	0.0347
325	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.6552	0.1590
326	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2920	0.0735
327	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4379	0.1082
328	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1571	0.0390
329	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2795	0.0692
330	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1128	0.0268
331	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5326	0.1258
332	2045	ALT3	WB	MD	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2147	0.0493
333	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.5195	0.1200
334	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2372	0.0542
335	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.7928	0.1771
336	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.6598	0.1498
337	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3207	0.0740
338	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2592	0.0547
339	2045	ALT3	WB	MD	0.04751897	0.120606284	0.071945858	1.171745577	0.019755216	0.065672905	0.010791879	0.175761837	0.119464827	1.292351861	0.030547095	0.241434742	1.0818	0.2535

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
340	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	3.4790	0.7785
341	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	2.6140	0.6086
342	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4234	0.0982
343	2045	ALT3	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3205	0.0780
344	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2885	0.0658
345	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.0871	0.0209
346	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2389	0.0568
347	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1792	0.0428
348	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.9124	0.4395
349	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.5037	0.1122
350	2045	ALT3	WB	MD	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4778	0.1163
351	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2209	0.0513
352	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1076	0.0273
353	2045	ALT3	WB	MD	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4952	0.1205
354	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.6017	0.1511
355	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2719	0.0689
356	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1734	0.0448
357	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4565	0.1178
358	2045	ALT3	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.3063	0.0771
359	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2527	0.0653
360	2045	ALT3	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2246	0.0604
361	2045	ALT3	WB	MD	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1895	0.0507
362	2045	ALT3	WB	MD	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2753	0.0654
363	2045	ALT3	WB	MD	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3151	0.0830
364	2045	ALT3	WB	MD														
365	2045	ALT3	WB	MD														
366	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4522	0.1311
367	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6798	0.1971
368	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3442	0.0998
369	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3264	0.0947
370	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3404	0.0987
371	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1567	0.0454
372	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2422	0.0702
373	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1585	0.0460
374	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7113	0.2063
375	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2372	0.0688
376	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1106	0.0321
377	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.5882	0.4606
378	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3546	0.1028
379	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4358	0.1264
380	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4047	0.1174
381	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.4834	0.4302
382	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2184	0.0633
383	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9318	0.2702
384	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5518	0.1600
385	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3758	0.3990
386	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.4097	0.1188
387	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3582	0.1039
388	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3628	0.1052
389	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.4225	0.4125
390	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0888	0.0257
391	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.1861	0.3440
392	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1687	0.0489
393	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.1184	0.3243
394	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7978	0.2314
395	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.1386	0.3302
396	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3260	0.0945
397	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.1300	0.3277
398	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.6325	0.4734
399	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3911	0.4034
400	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.0030	0.2909
401	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7183	0.2083
402	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6924	0.2008
403	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.2702	0.3684
404	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7175	0.2081
405	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9924	0.2878

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
406	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7700	0.2233
407	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.1609	0.3367
408	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.7261	0.2106
409	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.0134	0.2939
410	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	3.0408	0.8818
411	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.6285	0.4723
412	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6243	0.1811
413	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3192	0.0926
414	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3604	0.3945
415	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3190	0.0925
416	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0495	0.0144
417	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3919	0.4037
418	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5987	0.1736
419	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9863	0.2860
420	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9561	0.2773
421	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.9052	0.2625
422	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.0745	0.3116
423	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	2.0719	0.6009
424	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5067	0.1469
425	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.1973	0.3472
426	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.6303	0.1828
427	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.2051	0.3495
428	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.2867	0.3731
429	2045	ALT3	WB	MD	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.8579	0.2488
430	2045	ALT3	WB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.3221	0.3822
431	2045	ALT3	WB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.1916	0.3445
432	2045	ALT3	WB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.4035	0.4058
433	2045	ALT3	WB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.0614	0.3069
434	2045	ALT3	WB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.8921	0.2579
435	2045	ALT3	WB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.7116	0.4948
436	2045	ALT3	WB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1641	0.0474
437	2045	ALT3	WB	MD	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.8206	0.5264
216	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.6824	1.0697
217	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	8.7868	1.9989
218	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.5017	1.5091
219	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	9.5861	2.2167
220	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.2155	1.2154
221	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.7416	1.0992
222	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.2876	1.2342
223	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.5614	0.5993
224	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.3786	0.5702
225	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.5246	0.3649
226	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.6602	1.5924
227	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.5852	0.6235
228	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.4558	0.3537
229	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.1235	2.1942
230	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.3311	0.5639
231	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.5293	0.6104
232	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	2.6299	0.6350
233	2045	ALT3	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	9.3267	2.2313
234	2045	ALT3	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	1.4836	0.3570
235	2045	ALT3	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	6.0342	1.4464
236	2045	ALT3	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.8896	0.9374
237	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.9188	1.4270
238	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.9220	0.4645
239	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.7148	0.4147
240	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.2077	0.5388
241	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.2111	1.9983
242	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.5670	0.1384
243	2045	ALT3	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.2417	1.7549
244	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.0747	0.2619
245	2045	ALT3	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.8078	1.6470
246	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.1605	1.2575
247	2045	ALT3	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	6.9047	1.6688
248	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.0613	0.5014
249	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.5665	1.5964

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
250	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	10.8046	2.6309
251	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	8.3072	2.0158
252	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.5535	1.5936
253	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.6937	1.1414
254	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.5233	1.1000
255	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	7.9093	1.9101
256	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.7560	1.1517
257	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.0315	1.4544
258	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	5.1480	1.2478
259	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.3261	1.7723
260	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	4.9115	1.1898
261	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.0560	1.4651
262	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	15.4754	3.7422
263	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	7.7317	1.8734
264	2045	ALT3	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.2361	0.7780
265	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.7245	0.4178
266	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.7817	1.4046
267	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	1.6823	0.4105
268	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	0.2916	0.0716
269	2045	ALT3	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	7.5721	1.8525
270	2045	ALT3	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.4892	0.8527
271	2045	ALT3	WB	PM	0.047906902	0.116052272	0.062529394	1.018384415	0.020115141	0.061483353	0.009379409	0.152757662	0.110436295	1.134436687	0.02949455	0.214241016	5.3036	1.3049
272	2045	ALT3	WB	PM	0.04765416	0.117687871	0.062529394	1.018384415	0.019880674	0.06298802	0.009379409	0.152757662	0.110183554	1.136072285	0.029260083	0.215745682	3.6361	0.8866
273	2045	ALT3	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.6314	0.8884
274	2045	ALT3	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.1091	1.0039
275	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	6.6705	1.6443
276	2045	ALT3	WB	PM	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	1.8668	0.4637
277	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	3.9397	0.9730
278	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	2.2218	0.5479
279	2045	ALT3	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	4.4506	1.0922
280	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	4.1526	1.0202
281	2045	ALT3	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.1148	0.7627
282	2045	ALT3	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.4170	1.0802
283	2045	ALT3	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	4.1647	1.0204
284	2045	ALT3	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	5.2167	1.2785
285	2045	ALT3	WB	PM	0.047475344	0.124707719	0.062529394	1.018384415	0.019714667	0.06944619	0.009379409	0.152757662	0.110004737	1.143092134	0.029094076	0.222203852	3.6000	0.8857
286	2045	ALT3	WB	PM	0.04751897	0.120606284	0.062529394	1.018384415	0.019755216	0.065672905	0.009379409	0.152757662	0.110048363	1.138990699	0.029134625	0.218430567	3.2123	0.7905
287	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.5443	1.3736
288	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	0.5765	0.1431
289	2045	ALT3	WB	PM	0.047515176	0.1299016	0.062529394	1.018384415	0.019751502	0.07422454	0.009379409	0.152757662	0.11004457	1.148286015	0.029130911	0.226982203	5.8582	1.4528
290	2045	ALT3	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2336	0.0577
291	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1885	0.0473
292	2045	ALT3	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0755	0.0188
293	2045	ALT3	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2291	0.0626
294	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1615	0.0409
295	2045	ALT3	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2057	0.0578
296	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1308	0.0329
297	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	5.7416	1.2690
298	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0148	0.0037
299	2045	ALT3	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0891	0.0217
300	2045	ALT3	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.5304	0.3777
301	2045	ALT3	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2825	0.0772
302	2045	ALT3	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0548	0.0134
303	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1945	0.0491
304	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0948	0.0234
305	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3077	0.0794
306	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0918	0.0231
307	2045	ALT3	WB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1486	0.0455
308	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1667	0.0414
309	2045	ALT3	WB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1722	0.0502
310	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	1.0573	0.2584
311	2045	ALT3	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2889	0.0802
312	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1071	0.0267
313	2045	ALT3	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.2000	0.2945
314	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1667	0.0430
315	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2319	0.0587

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
316	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1222	0.0320
317	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1703	0.0441
318	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1536	0.0402
319	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2537	0.0646
320	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1529	0.0408
321	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1824	0.0478
322	2045	ALT3	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1216	0.0331
323	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.5363	0.1320
324	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1790	0.0443
325	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.4981	0.1281
326	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2497	0.0647
327	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2670	0.0680
328	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1378	0.0350
329	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2011	0.0511
330	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1201	0.0301
331	2045	ALT3	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3661	0.0886
332	2045	ALT3	WB	PM	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2213	0.0533
333	2045	ALT3	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3160	0.0755
334	2045	ALT3	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2071	0.0489
335	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4731	0.1140
336	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.4608	0.1049
337	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2313	0.0561
338	2045	ALT3	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1951	0.0462
339	2045	ALT3	WB	PM	0.04765416	0.117687871	0.071945858	1.171745577	0.019880674	0.06298802	0.010791879	0.175761837	0.119600018	1.289433448	0.030672553	0.238749857	0.8572	0.1967
340	2045	ALT3	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.6991	0.4105
341	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	1.6511	0.4183
342	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2372	0.0540
343	2045	ALT3	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1914	0.0516
344	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2127	0.0496
345	2045	ALT3	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.0845	0.0231
346	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1482	0.0390
347	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1254	0.0329
348	2045	ALT3	WB	PM	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	1.2891	0.3012
349	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3105	0.0806
350	2045	ALT3	WB	PM	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4581	0.1138
351	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1371	0.0341
352	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1336	0.0336
353	2045	ALT3	WB	PM	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4401	0.1132
354	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3941	0.1030
355	2045	ALT3	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2136	0.0596
356	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1379	0.0366
357	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.3162	0.0838
358	2045	ALT3	WB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.2157	0.0601
359	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1574	0.0418
360	2045	ALT3	WB	PM	0.059808736	0.133124426	0.071945858	1.171745577	0.031155797	0.077192169	0.010791879	0.175761837	0.131754594	1.304870003	0.041947675	0.252954005	0.1897	0.0536
361	2045	ALT3	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.1268	0.0349
362	2045	ALT3	WB	PM	0.054747514	0.128516077	0.071945858	1.171745577	0.026460319	0.072951921	0.010791879	0.175761837	0.126693372	1.300261654	0.037252198	0.248713757	0.2556	0.0693
363	2045	ALT3	WB	PM	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2325	0.0625
364	2045	ALT3	WB	PM														
365	2045	ALT3	WB	PM														
366	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.3516	0.1020
367	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5283	0.1532
368	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2677	0.0776
369	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2536	0.0736
370	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2643	0.0766
371	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1216	0.0353
372	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1879	0.0545
373	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1230	0.0357
374	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.5524	0.1602
375	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.1841	0.0534
376	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.0858	0.0249
377	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	1.3191	0.3826
378	2045	ALT3	WB	PM	0.047643417	0.1299016	0.043235568	0.704155699	0.01987031	0.07422454	0.006485335	0.105623355	0.090878985	0.834057299	0.026355645	0.179847895	0.2945	0.0854
379	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4580	0.1324
380	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4256	0.1230
381	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.5592	0.4508

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
382	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2295	0.0663
383	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.9793	0.2831
384	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.5800	0.1677
385	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.4459	0.4180
386	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4308	0.1245
387	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3765	0.1089
388	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3813	0.1102
389	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.4949	0.4322
390	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0906	0.0262
391	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2114	0.3502
392	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.1723	0.0498
393	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.1424	0.3303
394	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.8147	0.2355
395	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.1628	0.3362
396	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.3329	0.0962
397	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.1540	0.3336
398	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.6674	0.4821
399	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.4207	0.4107
400	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.0246	0.2962
401	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.7337	0.2121
402	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.7073	0.2045
403	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.3255	0.3832
404	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.7487	0.2164
405	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.0356	0.2994
406	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.8035	0.2323
407	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2114	0.3502
408	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.7577	0.2190
409	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.0574	0.3057
410	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	2.7830	0.8046
411	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.4903	0.4309
412	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.5712	0.1651
413	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2921	0.0844
414	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2450	0.3600
415	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.2919	0.0844
416	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.0454	0.0131
417	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.2739	0.3683
418	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.5478	0.1584
419	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.9025	0.2609
420	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.8817	0.2549
421	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.8349	0.2414
422	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.9912	0.2866
423	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.9109	0.5525
424	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.4674	0.1351
425	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.1044	0.3193
426	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.5812	0.1680
427	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.1114	0.3213
428	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	1.1866	0.3431
429	2045	ALT3	WB	PM	0.047515176	0.1299016	0.043235568	0.704155699	0.019751502	0.07422454	0.006485335	0.105623355	0.090750744	0.834057299	0.026236837	0.179847895	0.7913	0.2288
430	2045	ALT3	WB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	1.2255	0.3540
431	2045	ALT3	WB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	1.1047	0.3191
432	2045	ALT3	WB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	1.3011	0.3758
433	2045	ALT3	WB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	1.0051	0.2903
434	2045	ALT3	WB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.8449	0.2440
435	2045	ALT3	WB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	1.6211	0.4682
436	2045	ALT3	WB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	0.1554	0.0449
437	2045	ALT3	WB	PM	0.047475344	0.124707719	0.043235568	0.704155699	0.019714667	0.06944619	0.006485335	0.105623355	0.090710912	0.828863418	0.026200002	0.175069545	1.7245	0.4981
216	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.0055	1.2845
217	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.4642	2.4442
218	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.8060	1.6867
219	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.6040	2.5025
220	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.2679	1.3638
221	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.7732	1.2515
222	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.3197	1.3794
223	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.9656	0.6482
224	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.1159	0.8944
225	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.6652	0.5782

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
226	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.8134	2.5582
227	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.1276	0.9001
228	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.2271	0.4917
229	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	15.0651	3.2989
230	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.5837	0.7881
231	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.9853	0.8725
232	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.0144	0.8848
233	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	14.4750	3.1826
234	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.2621	0.5007
235	2045	ALT3	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.3247	2.0540
236	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.7522	1.2724
237	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.5196	2.0701
238	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.9563	0.6453
239	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.6029	0.5685
240	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.9959	0.6617
241	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.4922	2.5310
242	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.7525	0.1660
243	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.6674	2.1209
244	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.4172	0.3117
245	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.2933	2.0398
246	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.8177	1.5011
247	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.3716	2.0530
248	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.7756	0.6104
249	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.0186	1.9716
250	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	14.0864	3.0971
251	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.5788	2.5354
252	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.8232	1.9399
253	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.3192	1.3894
254	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.0917	1.3394
255	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.3253	2.4705
256	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.6139	1.4481
257	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.8075	1.9202
258	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.2450	1.5869
259	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	10.6010	2.3165
260	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.0115	1.5368
261	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.1453	1.9968
262	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	23.4333	5.1209
263	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	12.0052	2.6196
264	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.9266	1.0743
265	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.5386	0.5535
266	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.0796	1.9525
267	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	2.8418	0.6141
268	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	0.4845	0.1055
269	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	13.0668	2.8414
270	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	5.9956	1.3053
271	2045	ALT3	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	9.4339	2.0462
272	2045	ALT3	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	6.6714	1.4405
273	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.5685	1.4239
274	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.5570	1.6330
275	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	13.0505	2.8032
276	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	3.4726	0.7525
277	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.8973	1.7019
278	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	4.3378	0.9354
279	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.5227	1.8424
280	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.6810	1.8639
281	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.1887	1.3388
282	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	9.2124	1.9846
283	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	8.4990	1.8354
284	2045	ALT3	WB	NT	0.047643417	0.1299016	0.062529394	1.018384415	0.01987031	0.07422454	0.009379409	0.152757662	0.110172811	1.148286015	0.029249719	0.226982203	10.3303	2.2361
285	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	7.5615	1.6295
286	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	6.5167	1.4069
287	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	11.9771	2.5723
288	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	1.1978	0.2585
289	2045	ALT3	WB	NT	0.047881738	0.1299016	0.062529394	1.018384415	0.020091174	0.07422454	0.009379409	0.152757662	0.110411132	1.148286015	0.029470583	0.226982203	12.9560	2.7901
290	2045	ALT3	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1535	0.0371
291	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1199	0.0290

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
292	2045	ALT3	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0534	0.0129
293	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2409	0.0590
294	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1346	0.0318
295	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1801	0.0443
296	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0555	0.0128
297	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	1.6727	0.3660
298	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0124	0.0030
299	2045	ALT3	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0722	0.0172
300	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.7874	0.1900
301	2045	ALT3	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3295	0.0759
302	2045	ALT3	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.0430	0.0100
303	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1434	0.0321
304	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0896	0.0212
305	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2031	0.0455
306	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0739	0.0181
307	2045	ALT3	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.1638	0.0410
308	2045	ALT3	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1815	0.0418
309	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1170	0.0266
310	2045	ALT3	WB	NT	0.04751897	0.120606284	0.071945858	1.171745577	0.019755216	0.065672905	0.010791879	0.175761837	0.119464827	1.292351861	0.030547095	0.241434742	1.3316	0.2889
311	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2137	0.0500
312	2045	ALT3	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.0558	0.0129
313	2045	ALT3	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.9166	0.2083
314	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0914	0.0220
315	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1726	0.0418
316	2045	ALT3	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1458	0.0358
317	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1684	0.0392
318	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0533	0.0132
319	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1608	0.0388
320	2045	ALT3	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1192	0.0290
321	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2042	0.0496
322	2045	ALT3	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1205	0.0280
323	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.4278	0.0962
324	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0843	0.0198
325	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4137	0.0958
326	2045	ALT3	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.2070	0.0503
327	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3645	0.0830
328	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1046	0.0253
329	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1517	0.0364
330	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0741	0.0173
331	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3247	0.0732
332	2045	ALT3	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1668	0.0374
333	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.3700	0.0814
334	2045	ALT3	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.1673	0.0367
335	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.6093	0.1285
336	2045	ALT3	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.4509	0.0962
337	2045	ALT3	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.2651	0.0539
338	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.0592	0.0119
339	2045	ALT3	WB	NT	0.04751897	0.120606284	0.071945858	1.171745577	0.019755216	0.065672905	0.010791879	0.175761837	0.119464827	1.292351861	0.030547095	0.241434742	0.9529	0.2115
340	2045	ALT3	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	3.7444	0.7738
341	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	2.3378	0.5224
342	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2155	0.0457
343	2045	ALT3	WB	NT	0.051808407	0.123538997	0.071945858	1.171745577	0.023734015	0.068372232	0.010791879	0.175761837	0.123754265	1.295284574	0.034525893	0.244134069	0.2999	0.0658
344	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2073	0.0444
345	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.0780	0.0170
346	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1985	0.0440
347	2045	ALT3	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1483	0.0342
348	2045	ALT3	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	1.5479	0.3329
349	2045	ALT3	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.3714	0.0856
350	2045	ALT3	WB	NT	0.047906902	0.116052272	0.071945858	1.171745577	0.020115141	0.061483353	0.010791879	0.175761837	0.11985276	1.287797849	0.030907019	0.23724519	0.3028	0.0714
351	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1701	0.0358
352	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1432	0.0331
353	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.2998	0.0711
354	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.4430	0.1047
355	2045	ALT3	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1770	0.0420
356	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1437	0.0337
357	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.3257	0.0792

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
358	2045	ALT3	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1958	0.0460
359	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2082	0.0504
360	2045	ALT3	WB	NT	0.048990706	0.116607381	0.071945858	1.171745577	0.021120443	0.061994373	0.010791879	0.175761837	0.120936564	1.288352958	0.031912322	0.237756209	0.1462	0.0343
361	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.1301	0.0310
362	2045	ALT3	WB	NT	0.048324363	0.115697464	0.071945858	1.171745577	0.020502371	0.061157057	0.010791879	0.175761837	0.120270221	1.287443041	0.03129425	0.236918893	0.1443	0.0326
363	2045	ALT3	WB	NT	0.050058223	0.118863371	0.071945858	1.171745577	0.022110625	0.064070182	0.010791879	0.175761837	0.122004081	1.290608948	0.032902504	0.239832018	0.2482	0.0605
364	2045	ALT3	WB	NT														
365	2045	ALT3	WB	NT														
366	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2212	0.0645
367	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3325	0.0970
368	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1683	0.0491
369	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1595	0.0465
370	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1722	0.0502
371	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0791	0.0231
372	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1225	0.0357
373	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0802	0.0234
374	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3596	0.1049
375	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1199	0.0350
376	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0558	0.0163
377	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.7730	0.2255
378	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1726	0.0503
379	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1697	0.0495
380	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1577	0.0460
381	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5781	0.1686
382	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0852	0.0248
383	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3632	0.1059
384	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2149	0.0627
385	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5361	0.1564
386	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1597	0.0466
387	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1396	0.0407
388	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1414	0.0412
389	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5544	0.1617
390	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0424	0.0124
391	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5663	0.1652
392	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0806	0.0235
393	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5339	0.1557
394	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3809	0.1111
395	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5436	0.1585
396	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1557	0.0454
397	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5394	0.1573
398	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.7794	0.2273
399	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.6641	0.1937
400	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4789	0.1397
401	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3429	0.1000
402	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3306	0.0964
403	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.6147	0.1793
404	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3473	0.1013
405	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4803	0.1401
406	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3726	0.1087
407	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5619	0.1639
408	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3515	0.1025
409	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4905	0.1431
410	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	1.2326	0.3595
411	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.6601	0.1925
412	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2531	0.0738
413	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1294	0.0377
414	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5514	0.1608
415	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.1292	0.0377
416	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0201	0.0059
417	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5641	0.1645
418	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2427	0.0708
419	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3998	0.1166
420	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4154	0.1212
421	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3933	0.1147
422	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4668	0.1362
423	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.9001	0.2625

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
424	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2202	0.0642
425	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5203	0.1518
426	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.2738	0.0799
427	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5237	0.1527
428	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5590	0.1631
429	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.3728	0.1087
430	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5669	0.1653
431	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5108	0.1490
432	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.6016	0.1755
433	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.5554	0.1620
434	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.4668	0.1362
435	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.8957	0.2613
436	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.0858	0.0250
437	2045	ALT3	WB	NT	0.047881738	0.1299016	0.043235568	0.704155699	0.020091174	0.07422454	0.006485335	0.105623355	0.091117306	0.834057299	0.02657651	0.179847895	0.9528	0.2779
438	2012	EXT	OVR	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1425	0.0385
439	2012	EXT	OVR	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1626	0.0424
440	2012	EXT	OVR	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1926	0.0510
441	2012	EXT	OVR	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1537	0.0405
442	2012	EXT	OVR	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.3488	0.0915
443	2012	EXT	OVR	AM	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1755	0.0453
444	2012	EXT	OVR	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1343	0.0352
445	2012	EXT	OVR	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2477	0.0668
446	2012	EXT	OVR	AM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1353	0.0364
447	2012	EXT	OVR	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1039	0.0275
448	2012	EXT	OVR	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0662	0.0175
449	2012	EXT	OVR	AM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0585	0.0155
438	2012	EXT	OVR	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2618	0.0693
439	2012	EXT	OVR	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.3476	0.0918
440	2012	EXT	OVR	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.3192	0.0842
441	2012	EXT	OVR	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2807	0.0736
442	2012	EXT	OVR	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.7262	0.1903
443	2012	EXT	OVR	MD	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.3241	0.0829
444	2012	EXT	OVR	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2358	0.0614
445	2012	EXT	OVR	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.4550	0.1225
446	2012	EXT	OVR	MD	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2397	0.0643
447	2012	EXT	OVR	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1926	0.0508
448	2012	EXT	OVR	MD	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1106	0.0288
449	2012	EXT	OVR	MD	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1081	0.0285
438	2012	EXT	OVR	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2175	0.0588
439	2012	EXT	OVR	PM	0.051773959	0.253103501	0.071945858	1.171745577	0.023586262	0.188742127	0.010791879	0.175761837	0.123719817	1.424849079	0.034378141	0.364503963	0.2697	0.0739
440	2012	EXT	OVR	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.3775	0.1017
441	2012	EXT	OVR	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2961	0.0794
442	2012	EXT	OVR	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.6098	0.1630
443	2012	EXT	OVR	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.3211	0.0840
444	2012	EXT	OVR	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.2076	0.0556
445	2012	EXT	OVR	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.4344	0.1173
446	2012	EXT	OVR	PM	0.054107802	0.31861665	0.071945858	1.171745577	0.025720845	0.24901345	0.010791879	0.175761837	0.12605366	1.490362227	0.036512724	0.424775286	0.2360	0.0683
447	2012	EXT	OVR	PM	0.050453249	0.233147689	0.071945858	1.171745577	0.022375432	0.170383108	0.010791879	0.175761837	0.122399107	1.404893266	0.033167311	0.346144944	0.1783	0.0480
448	2012	EXT	OVR	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0999	0.0265
449	2012	EXT	OVR	PM	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0988	0.0262
438	2012	EXT	OVR	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1822	0.0474
439	2012	EXT	OVR	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2046	0.0530
440	2012	EXT	OVR	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1313	0.0342
441	2012	EXT	OVR	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1807	0.0466
442	2012	EXT	OVR	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.4471	0.1136
443	2012	EXT	OVR	NT	0.048682259	0.212699761	0.071945858	1.171745577	0.020755025	0.151571693	0.010791879	0.175761837	0.120628117	1.384445338	0.031546904	0.32733353	0.2280	0.0569
444	2012	EXT	OVR	NT	0.048682259	0.212699761	0.071945858	1.171745577	0.020755025	0.151571693	0.010791879	0.175761837	0.120628117	1.384445338	0.031546904	0.32733353	0.1834	0.0461
445	2012	EXT	OVR	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.2639	0.0692
446	2012	EXT	OVR	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.1610	0.0418
447	2012	EXT	OVR	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.1259	0.0324
448	2012	EXT	OVR	NT	0.049016792	0.2130122	0.071945858	1.171745577	0.021062382	0.151859025	0.010791879	0.175761837	0.12096265	1.384757777	0.031854261	0.327620862	0.0707	0.0182
449	2012	EXT	OVR	NT	0.049584493	0.219833528	0.071945858	1.171745577	0.021580928	0.158134385	0.010791879	0.175761837	0.121530351	1.391579105	0.032372807	0.333896221	0.0616	0.0161
438	2035	ALT1	OVR	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1561	0.0414
439	2035	ALT1	OVR	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2310	0.0605
440	2035	ALT1	OVR	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1880	0.0479
441	2035	ALT1	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2231	0.0574

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
442	2035	ALT1	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4246	0.1074
443	2035	ALT1	OVR	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1794	0.0447
444	2035	ALT1	OVR	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1661	0.0419
445	2035	ALT1	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2505	0.0653
446	2035	ALT1	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1606	0.0415
447	2035	ALT1	OVR	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1639	0.0423
448	2035	ALT1	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0780	0.0202
449	2035	ALT1	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0925	0.0242
438	2035	ALT1	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2825	0.0736
439	2035	ALT1	OVR	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4289	0.1107
440	2035	ALT1	OVR	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3151	0.0787
441	2035	ALT1	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3787	0.0952
442	2035	ALT1	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.8395	0.2082
443	2035	ALT1	OVR	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3863	0.0928
444	2035	ALT1	OVR	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2851	0.0697
445	2035	ALT1	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4453	0.1150
446	2035	ALT1	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2717	0.0691
447	2035	ALT1	OVR	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2753	0.0701
448	2035	ALT1	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1840	0.0468
449	2035	ALT1	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1759	0.0458
438	2035	ALT1	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2510	0.0667
439	2035	ALT1	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3551	0.0931
440	2035	ALT1	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3295	0.0848
441	2035	ALT1	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3575	0.0928
442	2035	ALT1	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.7461	0.1927
443	2035	ALT1	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3455	0.0874
444	2035	ALT1	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2433	0.0627
445	2035	ALT1	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3995	0.1043
446	2035	ALT1	OVR	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2907	0.0780
447	2035	ALT1	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2547	0.0662
448	2035	ALT1	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1749	0.0457
449	2035	ALT1	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1666	0.0436
438	2035	ALT1	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2076	0.0526
439	2035	ALT1	OVR	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2630	0.0637
440	2035	ALT1	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2072	0.0500
441	2035	ALT1	OVR	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2563	0.0614
442	2035	ALT1	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.4907	0.1122
443	2035	ALT1	OVR	NT	0.049790298	0.109834892	0.071945858	1.171745577	0.020927273	0.057957906	0.010791879	0.175761837	0.121736156	1.281580469	0.031719152	0.233719743	0.2613	0.0577
444	2035	ALT1	OVR	NT	0.049790298	0.109834892	0.071945858	1.171745577	0.020927273	0.057957906	0.010791879	0.175761837	0.121736156	1.281580469	0.031719152	0.233719743	0.2505	0.0584
445	2035	ALT1	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3049	0.0756
446	2035	ALT1	OVR	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1770	0.0433
447	2035	ALT1	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1759	0.0434
448	2035	ALT1	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1226	0.0299
449	2035	ALT1	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0858	0.0216
438	2035	ALT2	OVR	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1575	0.0418
439	2035	ALT2	OVR	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2375	0.0623
440	2035	ALT2	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1992	0.0513
441	2035	ALT2	OVR	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2373	0.0620
442	2035	ALT2	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4097	0.1034
443	2035	ALT2	OVR	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1919	0.0478
444	2035	ALT2	OVR	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1637	0.0413
445	2035	ALT2	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2528	0.0657
446	2035	ALT2	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1615	0.0416
447	2035	ALT2	OVR	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1645	0.0424
448	2035	ALT2	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0884	0.0227
449	2035	ALT2	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0962	0.0252
438	2035	ALT2	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2864	0.0744
439	2035	ALT2	OVR	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4414	0.1141
440	2035	ALT2	OVR	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3234	0.0809
441	2035	ALT2	OVR	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4053	0.1044
442	2035	ALT2	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.8348	0.2063
443	2035	ALT2	OVR	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3813	0.0918
444	2035	ALT2	OVR	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2855	0.0696
445	2035	ALT2	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4457	0.1149
446	2035	ALT2	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2685	0.0682
447	2035	ALT2	OVR	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2753	0.0701

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
448	2035	ALT2	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1851	0.0471
449	2035	ALT2	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1926	0.0502
438	2035	ALT2	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2521	0.0669
439	2035	ALT2	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3649	0.0958
440	2035	ALT2	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3544	0.0919
441	2035	ALT2	OVR	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.3779	0.1009
442	2035	ALT2	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.7376	0.1907
443	2035	ALT2	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3553	0.0898
444	2035	ALT2	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2420	0.0624
445	2035	ALT2	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4079	0.1065
446	2035	ALT2	OVR	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2942	0.0790
447	2035	ALT2	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2656	0.0689
448	2035	ALT2	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1768	0.0462
449	2035	ALT2	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1668	0.0437
438	2035	ALT2	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2117	0.0537
439	2035	ALT2	OVR	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2606	0.0631
440	2035	ALT2	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2118	0.0512
441	2035	ALT2	OVR	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2743	0.0662
442	2035	ALT2	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.4749	0.1081
443	2035	ALT2	OVR	NT	0.049790298	0.109834892	0.071945858	1.171745577	0.020927273	0.057957906	0.010791879	0.175761837	0.121736156	1.281580469	0.031719152	0.233719743	0.2662	0.0590
444	2035	ALT2	OVR	NT	0.049790298	0.109834892	0.071945858	1.171745577	0.020927273	0.057957906	0.010791879	0.175761837	0.121736156	1.281580469	0.031719152	0.233719743	0.2467	0.0574
445	2035	ALT2	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2963	0.0733
446	2035	ALT2	OVR	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1738	0.0425
447	2035	ALT2	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1754	0.0432
448	2035	ALT2	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1240	0.0302
449	2035	ALT2	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1084	0.0275
438	2035	ALT3	OVR	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1575	0.0418
439	2035	ALT3	OVR	AM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2397	0.0629
440	2035	ALT3	OVR	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1942	0.0495
441	2035	ALT3	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2339	0.0602
442	2035	ALT3	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4227	0.1069
443	2035	ALT3	OVR	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2005	0.0500
444	2035	ALT3	OVR	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1642	0.0414
445	2035	ALT3	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2516	0.0656
446	2035	ALT3	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1590	0.0411
447	2035	ALT3	OVR	AM	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1648	0.0425
448	2035	ALT3	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0892	0.0229
449	2035	ALT3	OVR	AM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.0949	0.0249
438	2035	ALT3	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2863	0.0746
439	2035	ALT3	OVR	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.4482	0.1159
440	2035	ALT3	OVR	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3151	0.0787
441	2035	ALT3	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3872	0.0977
442	2035	ALT3	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.8356	0.2074
443	2035	ALT3	OVR	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3980	0.0975
444	2035	ALT3	OVR	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2856	0.0698
445	2035	ALT3	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4437	0.1146
446	2035	ALT3	OVR	MD	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2759	0.0711
447	2035	ALT3	OVR	MD	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2788	0.0710
448	2035	ALT3	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1824	0.0464
449	2035	ALT3	OVR	MD	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1756	0.0457
438	2035	ALT3	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.2594	0.0689
439	2035	ALT3	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3587	0.0941
440	2035	ALT3	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.3255	0.0842
441	2035	ALT3	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3740	0.0972
442	2035	ALT3	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.7352	0.1900
443	2035	ALT3	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.3750	0.0965
444	2035	ALT3	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2398	0.0618
445	2035	ALT3	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.4129	0.1076
446	2035	ALT3	OVR	PM	0.052412453	0.110276781	0.071945858	1.171745577	0.023357859	0.058365445	0.010791879	0.175761837	0.124358311	1.282022358	0.034149738	0.234127281	0.2956	0.0794
447	2035	ALT3	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2721	0.0706
448	2035	ALT3	OVR	PM	0.051252887	0.108468888	0.071945858	1.171745577	0.022282994	0.056701758	0.010791879	0.175761837	0.123198745	1.280214465	0.033074873	0.232463594	0.1727	0.0451
449	2035	ALT3	OVR	PM	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1714	0.0449
438	2035	ALT3	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2136	0.0541
439	2035	ALT3	OVR	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2657	0.0644
440	2035	ALT3	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.2104	0.0508
441	2035	ALT3	OVR	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.2584	0.0620

PM Emissions

Segment ID	Year	Alternative	Bound	Time Period	PM10_NT	PM10_T	PM10re_NT	PM10re_T	PM25_NT	PM25_T	PM2.5re_NT	PM2.5re_T	Sum_NT_PM10	Sum_T_PM10	Sum_NT_PM2.5	Sum_T_PM25	PM10	PM25
						g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	lb/link	lb/link
442	2035	ALT3	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.4816	0.1098
443	2035	ALT3	OVR	NT	0.049790298	0.109834892	0.071945858	1.171745577	0.020927273	0.057957906	0.010791879	0.175761837	0.121736156	1.281580469	0.031719152	0.233719743	0.2691	0.0597
444	2035	ALT3	OVR	NT	0.049790298	0.109834892	0.071945858	1.171745577	0.020927273	0.057957906	0.010791879	0.175761837	0.121736156	1.281580469	0.031719152	0.233719743	0.2502	0.0584
445	2035	ALT3	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.3015	0.0749
446	2035	ALT3	OVR	NT	0.050524912	0.107774633	0.071945858	1.171745577	0.021608222	0.056062771	0.010791879	0.175761837	0.12247077	1.27952021	0.032400101	0.231824608	0.1781	0.0436
447	2035	ALT3	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1759	0.0434
448	2035	ALT3	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.1229	0.0299
449	2035	ALT3	OVR	NT	0.050067729	0.108275529	0.071945858	1.171745577	0.021184452	0.056523413	0.010791879	0.175761837	0.122013587	1.280021106	0.031976331	0.232285249	0.0866	0.0218

List of abbreviations used: NT: Non-Truck, T: Truck, re_: reentrained dust, Sum: total PM

Criteria Pollutant and MSAT Emissions by Traffic Link

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
438	2025	ALT3	OVR	AM	Overcrossing	0.07	0.10	2.04	0.22	599	409	0.0034	0.0032	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0004	0.0015
439	2025	ALT3	OVR	AM	Overcrossing	0.09	0.13	2.70	0.32	801	550	0.0049	0.0045	0.0029	0.0002	0.0008	0.0026	0.0007	0.0003	0.0001	0.0010	0.0044
440	2025	ALT3	OVR	AM	Overcrossing	0.07	0.09	2.17	0.25	605	414	0.0033	0.0031	0.0021	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0006	0.0023
441	2025	ALT3	OVR	AM	Overcrossing	0.09	0.13	2.66	0.32	792	546	0.0050	0.0046	0.0029	0.0002	0.0008	0.0027	0.0006	0.0003	0.0001	0.0011	0.0051
442	2025	ALT3	OVR	AM	Overcrossing	0.14	0.19	4.35	0.54	1248	864	0.0078	0.0072	0.0044	0.0002	0.0014	0.0044	0.0010	0.0005	0.0001	0.0023	0.0100
443	2025	ALT3	OVR	AM	Overcrossing	0.08	0.10	2.41	0.31	690	480	0.0046	0.0042	0.0024	0.0001	0.0009	0.0026	0.0005	0.0003	0.0000	0.0016	0.0070
444	2025	ALT3	OVR	AM	Overcrossing	0.06	0.08	1.92	0.23	539	372	0.0032	0.0030	0.0019	0.0001	0.0006	0.0018	0.0004	0.0002	0.0000	0.0009	0.0035
445	2025	ALT3	OVR	AM	Overcrossing	0.10	0.14	3.17	0.35	907	620	0.0051	0.0047	0.0033	0.0002	0.0007	0.0027	0.0007	0.0004	0.0001	0.0007	0.0026
446	2025	ALT3	OVR	AM	Overcrossing	0.07	0.09	2.01	0.23	583	400	0.0034	0.0032	0.0021	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0006	0.0025
447	2025	ALT3	OVR	AM	Overcrossing	0.05	0.07	1.70	0.20	465	319	0.0025	0.0023	0.0016	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0005	0.0018
448	2025	ALT3	OVR	AM	Overcrossing	0.04	0.05	1.12	0.13	314	215	0.0017	0.0016	0.0011	0.0001	0.0003	0.0009	0.0003	0.0001	0.0000	0.0003	0.0011
449	2025	ALT3	OVR	AM	Overcrossing	0.03	0.04	0.98	0.11	277	190	0.0016	0.0015	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0003	0.0011
438	2025	ALT3	OVR	MD	Overcrossing	0.12	0.17	3.72	0.42	1082	741	0.0063	0.0058	0.0039	0.0002	0.0009	0.0033	0.0009	0.0005	0.0001	0.0009	0.0037
439	2025	ALT3	OVR	MD	Overcrossing	0.18	0.25	5.04	0.61	1533	1057	0.0099	0.0092	0.0056	0.0003	0.0017	0.0054	0.0012	0.0007	0.0001	0.0023	0.0111
440	2025	ALT3	OVR	MD	Overcrossing	0.10	0.13	3.13	0.37	880	606	0.0051	0.0048	0.0031	0.0002	0.0009	0.0029	0.0007	0.0003	0.0001	0.0012	0.0051
441	2025	ALT3	OVR	MD	Overcrossing	0.14	0.19	4.04	0.52	1215	843	0.0082	0.0076	0.0044	0.0002	0.0015	0.0046	0.0010	0.0005	0.0001	0.0024	0.0118
442	2025	ALT3	OVR	MD	Overcrossing	0.30	0.41	9.20	1.13	2657	1836	0.0166	0.0154	0.0095	0.0005	0.0029	0.0094	0.0021	0.0011	0.0002	0.0045	0.0203
443	2025	ALT3	OVR	MD	Overcrossing	0.15	0.20	4.41	0.62	1304	914	0.0095	0.0087	0.0046	0.0002	0.0020	0.0056	0.0010	0.0005	0.0001	0.0040	0.0178
444	2025	ALT3	OVR	MD	Overcrossing	0.09	0.13	2.95	0.39	840	585	0.0055	0.0051	0.0029	0.0001	0.0011	0.0032	0.0006	0.0003	0.0001	0.0020	0.0084
445	2025	ALT3	OVR	MD	Overcrossing	0.19	0.26	5.82	0.65	1677	1148	0.0096	0.0089	0.0061	0.0003	0.0014	0.0051	0.0014	0.0007	0.0001	0.0015	0.0062
446	2025	ALT3	OVR	MD	Overcrossing	0.11	0.16	3.38	0.40	996	686	0.0062	0.0057	0.0036	0.0002	0.0010	0.0033	0.0008	0.0004	0.0001	0.0013	0.0061
447	2025	ALT3	OVR	MD	Overcrossing	0.09	0.12	2.84	0.34	787	541	0.0044	0.0041	0.0028	0.0001	0.0007	0.0025	0.0006	0.0003	0.0000	0.0010	0.0041
448	2025	ALT3	OVR	MD	Overcrossing	0.06	0.09	2.00	0.23	561	385	0.0031	0.0029	0.0020	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0006	0.0023
449	2025	ALT3	OVR	MD	Overcrossing	0.06	0.08	1.76	0.21	496	341	0.0029	0.0027	0.0018	0.0001	0.0005	0.0016	0.0004	0.0002	0.0000	0.0006	0.0027
438	2025	ALT3	OVR	PM	Overcrossing	0.13	0.18	3.59	0.39	1114	760	0.0068	0.0063	0.0042	0.0002	0.0008	0.0033	0.0009	0.0005	0.0001	0.0007	0.0027
439	2025	ALT3	OVR	PM	Overcrossing	0.17	0.24	4.57	0.52	1449	994	0.0094	0.0087	0.0055	0.0003	0.0013	0.0048	0.0012	0.0007	0.0001	0.0015	0.0070
440	2025	ALT3	OVR	PM	Overcrossing	0.14	0.19	4.23	0.48	1229	842	0.0071	0.0066	0.0045	0.0002	0.0010	0.0038	0.0010	0.0005	0.0001	0.0011	0.0047
441	2025	ALT3	OVR	PM	Overcrossing	0.15	0.20	4.05	0.48	1252	861	0.0081	0.0075	0.0047	0.0002	0.0013	0.0043	0.0010	0.0006	0.0001	0.0016	0.0078
442	2025	ALT3	OVR	PM	Overcrossing	0.32	0.44	9.17	1.11	2771	1912	0.0179	0.0166	0.0102	0.0005	0.0030	0.0098	0.0022	0.0012	0.0002	0.0042	0.0202
443	2025	ALT3	OVR	PM	Overcrossing	0.16	0.22	4.53	0.58	1392	966	0.0095	0.0088	0.0051	0.0003	0.0018	0.0054	0.0011	0.0006	0.0001	0.0027	0.0136
444	2025	ALT3	OVR	PM	Overcrossing	0.11	0.16	3.30	0.39	989	681	0.0063	0.0058	0.0036	0.0002	0.0010	0.0034	0.0008	0.0004	0.0001	0.0014	0.0064
445	2025	ALT3	OVR	PM	Overcrossing	0.20	0.28	5.70	0.62	1718	1173	0.0102	0.0095	0.0064	0.0003	0.0013	0.0051	0.0014	0.0008	0.0001	0.0012	0.0048
446	2025	ALT3	OVR	PM	Overcrossing	0.17	0.24	4.17	0.47	1375	941	0.0091	0.0085	0.0054	0.0003	0.0012	0.0045	0.0012	0.0007	0.0001	0.0012	0.0056
447	2025	ALT3	OVR	PM	Overcrossing	0.09	0.13	2.95	0.33	833	571	0.0047	0.0044	0.0030	0.0002	0.0007	0.0025	0.0007	0.0003	0.0001	0.0008	0.0032
448	2025	ALT3	OVR	PM	Overcrossing	0.07	0.09	2.08	0.23	587	401	0.0032	0.0030	0.0021	0.0001	0.0005	0.0017	0.0005	0.0002	0.0000	0.0005	0.0018
449	2025	ALT3	OVR	PM	Overcrossing	0.06	0.09	1.88	0.21	547	374	0.0032	0.0029	0.0020	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0005	0.0021
438	2025	ALT3	OVR	NT	Overcrossing	0.07	0.10	2.30	0.28	637	439	0.0037	0.0034	0.0022	0.0001	0.0006	0.0021	0.0005	0.0002	0.0000	0.0010	0.0038
439	2025	ALT3	OVR	NT	Overcrossing	0.08	0.11	2.34	0.34	704	495	0.0053	0.0049	0.0025	0.0001	0.0011	0.0032	0.0005	0.0003	0.0000	0.0023	0.0107
440	2025	ALT3	OVR	NT	Overcrossing	0.06	0.08	1.80	0.24	514	359	0.0035	0.0032	0.0018	0.0001	0.0007	0.0020	0.0004	0.0002	0.0000	0.0014	0.0056
441	2025	ALT3	OVR	NT	Overcrossing	0.08	0.10	2.14	0.34	661	470	0.0055	0.0051	0.0023	0.0001	0.0013	0.0034	0.0005	0.0002	0.0000	0.0029	0.0131
442	2025	ALT3	OVR	NT	Overcrossing	0.13	0.18	3.82	0.63	1178	844	0.0104	0.0096	0.0040	0.0002	0.0025	0.0063	0.0008	0.0004	0.0001	0.0061	0.0257
443	2025	ALT3	OVR	NT	Overcrossing	0.06	0.08	1.68	0.36	567	419	0.0068	0.0062	0.0019	0.0001	0.0016	0.0038	0.0004	0.0002	0.0000	0.0050	0.0183
444	2025	ALT3	OVR	NT	Overcrossing	0.06	0.08	1.73	0.28	522	372	0.0045	0.0042	0.0018	0.0001	0.0009	0.0025	0.0004	0.0002	0.0000	0.0027	0.0093
445	2025	ALT3	OVR	NT	Overcrossing	0.11	0.15	3.35	0.41	955	660	0.0059	0.0055	0.0034	0.0002	0.0011	0.0033	0.0007	0.0004	0.0001	0.0017	0.0073
446	2025	ALT3	OVR	NT	Overcrossing	0.06	0.08	1.83	0.25	542	379	0.0039	0.0036	0.0019	0.0001	0.0008	0.0023	0.0004	0.0002	0.0000	0.0016	0.0071
447	2025	ALT3	OVR	NT	Overcrossing	0.05	0.07	1.62	0.22	459	320	0.0030	0.0028	0.0016	0.0001	0.0006	0.0017	0.0004	0.0002	0.0000	0.0012	0.0046
448	2025	ALT3	OVR	NT	Overcrossing	0.03	0.04	0.91	0.11	256	178	0.0016	0.0015	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0005	0.0021
449	2025	ALT3	OVR	NT	Overcrossing	0.03	0.04	0.99	0.13	281	196	0.0018	0.0017	0.0010	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0007	0.0028

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
438	2025	ALT2	OVR	AM	Overcrossing	0.07	0.10	2.05	0.22	605	413	0.0035	0.0032	0.0022	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0004	0.0015
439	2025	ALT2	OVR	AM	Overcrossing	0.09	0.13	2.70	0.32	801	550	0.0049	0.0045	0.0029	0.0002	0.0008	0.0026	0.0007	0.0003	0.0001	0.0010	0.0044
440	2025	ALT2	OVR	AM	Overcrossing	0.07	0.09	2.17	0.25	605	414	0.0033	0.0031	0.0021	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0006	0.0023
441	2025	ALT2	OVR	AM	Overcrossing	0.09	0.13	2.66	0.32	792	546	0.0050	0.0046	0.0029	0.0002	0.0008	0.0027	0.0006	0.0003	0.0001	0.0011	0.0051
442	2025	ALT2	OVR	AM	Overcrossing	0.14	0.19	4.35	0.54	1248	864	0.0078	0.0072	0.0044	0.0002	0.0014	0.0044	0.0010	0.0005	0.0001	0.0023	0.0100
443	2025	ALT2	OVR	AM	Overcrossing	0.08	0.10	2.41	0.31	690	480	0.0046	0.0042	0.0024	0.0001	0.0009	0.0026	0.0005	0.0003	0.0000	0.0016	0.0070
444	2025	ALT2	OVR	AM	Overcrossing	0.06	0.08	1.92	0.23	539	372	0.0032	0.0030	0.0019	0.0001	0.0006	0.0018	0.0004	0.0002	0.0000	0.0009	0.0035
445	2025	ALT2	OVR	AM	Overcrossing	0.10	0.14	3.17	0.35	907	620	0.0051	0.0047	0.0033	0.0002	0.0007	0.0027	0.0007	0.0004	0.0001	0.0007	0.0026
446	2025	ALT2	OVR	AM	Overcrossing	0.07	0.09	2.01	0.23	583	400	0.0034	0.0032	0.0021	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0006	0.0025
447	2025	ALT2	OVR	AM	Overcrossing	0.05	0.07	1.70	0.20	465	319	0.0025	0.0023	0.0016	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0005	0.0018
448	2025	ALT2	OVR	AM	Overcrossing	0.04	0.05	1.12	0.13	314	215	0.0017	0.0016	0.0011	0.0001	0.0003	0.0009	0.0003	0.0001	0.0000	0.0003	0.0011
449	2025	ALT2	OVR	AM	Overcrossing	0.03	0.04	0.98	0.11	277	190	0.0016	0.0015	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0003	0.0011
438	2025	ALT2	OVR	MD	Overcrossing	0.12	0.17	3.72	0.42	1082	741	0.0063	0.0058	0.0039	0.0002	0.0009	0.0033	0.0009	0.0005	0.0001	0.0009	0.0037
439	2025	ALT2	OVR	MD	Overcrossing	0.18	0.25	5.04	0.61	1533	1057	0.0099	0.0092	0.0056	0.0003	0.0017	0.0054	0.0012	0.0007	0.0001	0.0023	0.0111
440	2025	ALT2	OVR	MD	Overcrossing	0.10	0.13	3.13	0.37	880	606	0.0051	0.0048	0.0031	0.0002	0.0009	0.0029	0.0007	0.0003	0.0001	0.0012	0.0051
441	2025	ALT2	OVR	MD	Overcrossing	0.14	0.19	4.04	0.52	1215	843	0.0082	0.0076	0.0044	0.0002	0.0015	0.0046	0.0010	0.0005	0.0001	0.0024	0.0118
442	2025	ALT2	OVR	MD	Overcrossing	0.30	0.41	9.20	1.13	2657	1836	0.0166	0.0154	0.0095	0.0005	0.0029	0.0094	0.0021	0.0011	0.0002	0.0045	0.0203
443	2025	ALT2	OVR	MD	Overcrossing	0.15	0.20	4.41	0.62	1304	914	0.0095	0.0087	0.0046	0.0002	0.0020	0.0056	0.0010	0.0005	0.0001	0.0040	0.0178
444	2025	ALT2	OVR	MD	Overcrossing	0.09	0.13	2.95	0.39	840	585	0.0055	0.0051	0.0029	0.0001	0.0011	0.0032	0.0006	0.0003	0.0001	0.0020	0.0084
445	2025	ALT2	OVR	MD	Overcrossing	0.19	0.26	5.82	0.65	1677	1148	0.0096	0.0089	0.0061	0.0003	0.0014	0.0051	0.0014	0.0007	0.0001	0.0015	0.0062
446	2025	ALT2	OVR	MD	Overcrossing	0.11	0.16	3.38	0.40	996	686	0.0062	0.0057	0.0036	0.0002	0.0010	0.0033	0.0008	0.0004	0.0001	0.0013	0.0061
447	2025	ALT2	OVR	MD	Overcrossing	0.09	0.12	2.84	0.34	787	541	0.0044	0.0041	0.0028	0.0001	0.0007	0.0025	0.0006	0.0003	0.0000	0.0010	0.0041
448	2025	ALT2	OVR	MD	Overcrossing	0.06	0.09	2.00	0.23	561	385	0.0031	0.0029	0.0020	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0006	0.0023
449	2025	ALT2	OVR	MD	Overcrossing	0.06	0.08	1.76	0.21	496	341	0.0029	0.0027	0.0018	0.0001	0.0005	0.0016	0.0004	0.0002	0.0000	0.0006	0.0027
438	2025	ALT2	OVR	PM	Overcrossing	0.13	0.18	3.59	0.39	1114	760	0.0068	0.0063	0.0042	0.0002	0.0008	0.0033	0.0009	0.0005	0.0001	0.0007	0.0027
439	2025	ALT2	OVR	PM	Overcrossing	0.17	0.24	4.57	0.52	1449	994	0.0094	0.0087	0.0055	0.0003	0.0013	0.0048	0.0012	0.0007	0.0001	0.0015	0.0070
440	2025	ALT2	OVR	PM	Overcrossing	0.14	0.19	4.23	0.48	1229	842	0.0071	0.0066	0.0045	0.0002	0.0010	0.0038	0.0010	0.0005	0.0001	0.0011	0.0047
441	2025	ALT2	OVR	PM	Overcrossing	0.15	0.20	4.05	0.48	1252	861	0.0081	0.0075	0.0047	0.0002	0.0013	0.0043	0.0010	0.0006	0.0001	0.0016	0.0078
442	2025	ALT2	OVR	PM	Overcrossing	0.32	0.44	9.17	1.11	2771	1912	0.0179	0.0166	0.0102	0.0005	0.0030	0.0098	0.0022	0.0012	0.0002	0.0042	0.0202
443	2025	ALT2	OVR	PM	Overcrossing	0.16	0.22	4.53	0.58	1392	966	0.0095	0.0088	0.0051	0.0003	0.0018	0.0054	0.0011	0.0006	0.0001	0.0027	0.0136
444	2025	ALT2	OVR	PM	Overcrossing	0.11	0.16	3.30	0.39	989	681	0.0063	0.0058	0.0036	0.0002	0.0010	0.0034	0.0008	0.0004	0.0001	0.0014	0.0064
445	2025	ALT2	OVR	PM	Overcrossing	0.20	0.28	5.70	0.62	1718	1173	0.0102	0.0095	0.0064	0.0003	0.0013	0.0051	0.0014	0.0008	0.0001	0.0012	0.0048
446	2025	ALT2	OVR	PM	Overcrossing	0.17	0.24	4.17	0.47	1375	941	0.0091	0.0085	0.0054	0.0003	0.0012	0.0045	0.0012	0.0007	0.0001	0.0012	0.0056
447	2025	ALT2	OVR	PM	Overcrossing	0.09	0.13	2.95	0.33	833	571	0.0047	0.0044	0.0030	0.0002	0.0007	0.0025	0.0007	0.0003	0.0001	0.0008	0.0032
448	2025	ALT2	OVR	PM	Overcrossing	0.07	0.09	2.08	0.23	587	401	0.0032	0.0030	0.0021	0.0001	0.0005	0.0017	0.0005	0.0002	0.0000	0.0005	0.0018
449	2025	ALT2	OVR	PM	Overcrossing	0.06	0.09	1.88	0.21	547	374	0.0032	0.0029	0.0020	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0005	0.0021
438	2025	ALT2	OVR	NT	Overcrossing	0.07	0.09	2.28	0.28	632	436	0.0037	0.0034	0.0022	0.0001	0.0006	0.0021	0.0005	0.0002	0.0000	0.0010	0.0040
439	2025	ALT2	OVR	NT	Overcrossing	0.08	0.10	2.26	0.33	683	481	0.0052	0.0048	0.0024	0.0001	0.0011	0.0031	0.0005	0.0003	0.0000	0.0023	0.0107
440	2025	ALT2	OVR	NT	Overcrossing	0.06	0.08	1.81	0.24	518	361	0.0035	0.0032	0.0018	0.0001	0.0007	0.0020	0.0004	0.0002	0.0000	0.0014	0.0057
441	2025	ALT2	OVR	NT	Overcrossing	0.08	0.11	2.33	0.36	713	506	0.0058	0.0053	0.0025	0.0001	0.0013	0.0035	0.0005	0.0003	0.0000	0.0029	0.0132
442	2025	ALT2	OVR	NT	Overcrossing	0.13	0.17	3.73	0.63	1154	827	0.0104	0.0096	0.0039	0.0002	0.0024	0.0062	0.0008	0.0004	0.0001	0.0061	0.0257
443	2025	ALT2	OVR	NT	Overcrossing	0.06	0.08	1.69	0.36	566	418	0.0067	0.0062	0.0019	0.0001	0.0016	0.0037	0.0004	0.0002	0.0000	0.0050	0.0181
444	2025	ALT2	OVR	NT	Overcrossing	0.06	0.07	1.66	0.27	502	358	0.0044	0.0041	0.0017	0.0001	0.0009	0.0024	0.0004	0.0002	0.0000	0.0027	0.0092
445	2025	ALT2	OVR	NT	Overcrossing	0.10	0.14	3.26	0.41	924	640	0.0057	0.0053	0.0032	0.0002	0.0010	0.0033	0.0007	0.0004	0.0001	0.0017	0.0073
446	2025	ALT2	OVR	NT	Overcrossing	0.06	0.08	1.75	0.24	518	363	0.0037	0.0035	0.0018	0.0001	0.0008	0.0022	0.0004	0.0002	0.0000	0.0016	0.0070
447	2025	ALT2	OVR	NT	Overcrossing	0.05	0.07	1.67	0.22	474	331	0.0032	0.0029	0.0016	0.0001	0.0006	0.0018	0.0004	0.0002	0.0000	0.0013	0.0049
448	2025	ALT2	OVR	NT	Overcrossing	0.04	0.05	1.14	0.14	321	221	0.0019	0.0018	0.0011	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0005	0.0022
449	2025	ALT2	OVR	NT	Overcrossing	0.03	0.04	0.98	0.13	278	194	0.0018	0.0017	0.0010	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0007	0.0028

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
438	2025	ALT1	OVR	AM	Overcrossing	0.07	0.09	2.00	0.22	586	400	0.0034	0.0031	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0004	0.0015
439	2025	ALT1	OVR	AM	Overcrossing	0.09	0.12	2.63	0.31	776	533	0.0047	0.0044	0.0028	0.0001	0.0007	0.0026	0.0006	0.0003	0.0001	0.0010	0.0043
440	2025	ALT1	OVR	AM	Overcrossing	0.06	0.08	1.97	0.23	547	375	0.0030	0.0028	0.0019	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0006	0.0022
441	2025	ALT1	OVR	AM	Overcrossing	0.08	0.12	2.51	0.30	740	509	0.0046	0.0042	0.0027	0.0001	0.0007	0.0025	0.0006	0.0003	0.0000	0.0010	0.0044
442	2025	ALT1	OVR	AM	Overcrossing	0.14	0.19	4.41	0.55	1266	876	0.0079	0.0073	0.0045	0.0002	0.0014	0.0045	0.0010	0.0005	0.0001	0.0022	0.0098
443	2025	ALT1	OVR	AM	Overcrossing	0.07	0.09	2.16	0.29	616	429	0.0041	0.0038	0.0021	0.0001	0.0008	0.0024	0.0005	0.0002	0.0000	0.0016	0.0064
444	2025	ALT1	OVR	AM	Overcrossing	0.06	0.08	1.90	0.23	530	366	0.0031	0.0029	0.0019	0.0001	0.0005	0.0018	0.0004	0.0002	0.0000	0.0008	0.0034
445	2025	ALT1	OVR	AM	Overcrossing	0.10	0.14	3.29	0.37	925	632	0.0051	0.0047	0.0033	0.0002	0.0007	0.0027	0.0007	0.0004	0.0001	0.0007	0.0027
446	2025	ALT1	OVR	AM	Overcrossing	0.06	0.09	1.95	0.22	565	388	0.0033	0.0031	0.0020	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0006	0.0024
447	2025	ALT1	OVR	AM	Overcrossing	0.06	0.08	1.82	0.21	498	341	0.0027	0.0025	0.0018	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0005	0.0019
448	2025	ALT1	OVR	AM	Overcrossing	0.03	0.05	1.10	0.12	309	211	0.0017	0.0016	0.0011	0.0001	0.0002	0.0009	0.0002	0.0001	0.0000	0.0003	0.0010
449	2025	ALT1	OVR	AM	Overcrossing	0.03	0.04	0.85	0.10	240	164	0.0013	0.0012	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0002	0.0010
438	2025	ALT1	OVR	MD	Overcrossing	0.12	0.16	3.57	0.40	1029	704	0.0059	0.0055	0.0037	0.0002	0.0008	0.0031	0.0008	0.0004	0.0001	0.0009	0.0036
439	2025	ALT1	OVR	MD	Overcrossing	0.17	0.24	4.88	0.59	1479	1020	0.0096	0.0089	0.0054	0.0003	0.0016	0.0052	0.0012	0.0006	0.0001	0.0023	0.0109
440	2025	ALT1	OVR	MD	Overcrossing	0.09	0.12	2.90	0.35	814	561	0.0048	0.0044	0.0029	0.0001	0.0008	0.0027	0.0006	0.0003	0.0000	0.0012	0.0049
441	2025	ALT1	OVR	MD	Overcrossing	0.13	0.18	3.86	0.49	1148	796	0.0076	0.0070	0.0041	0.0002	0.0014	0.0043	0.0009	0.0005	0.0001	0.0022	0.0105
442	2025	ALT1	OVR	MD	Overcrossing	0.31	0.42	9.45	1.16	2738	1892	0.0172	0.0159	0.0098	0.0005	0.0030	0.0097	0.0022	0.0011	0.0002	0.0047	0.0212
443	2025	ALT1	OVR	MD	Overcrossing	0.13	0.17	3.86	0.58	1158	819	0.0092	0.0085	0.0040	0.0002	0.0020	0.0055	0.0009	0.0004	0.0001	0.0046	0.0198
444	2025	ALT1	OVR	MD	Overcrossing	0.09	0.13	2.94	0.38	836	581	0.0055	0.0051	0.0029	0.0001	0.0011	0.0032	0.0006	0.0003	0.0001	0.0020	0.0083
445	2025	ALT1	OVR	MD	Overcrossing	0.19	0.26	5.96	0.67	1688	1156	0.0095	0.0088	0.0060	0.0003	0.0014	0.0051	0.0014	0.0007	0.0001	0.0016	0.0064
446	2025	ALT1	OVR	MD	Overcrossing	0.11	0.15	3.27	0.39	965	664	0.0060	0.0055	0.0035	0.0002	0.0010	0.0032	0.0008	0.0004	0.0001	0.0013	0.0059
447	2025	ALT1	OVR	MD	Overcrossing	0.09	0.13	3.00	0.36	834	573	0.0048	0.0044	0.0029	0.0002	0.0008	0.0027	0.0007	0.0003	0.0000	0.0011	0.0044
448	2025	ALT1	OVR	MD	Overcrossing	0.07	0.09	2.10	0.24	590	404	0.0033	0.0031	0.0021	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0006	0.0024
449	2025	ALT1	OVR	MD	Overcrossing	0.05	0.07	1.70	0.20	478	329	0.0028	0.0026	0.0017	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0006	0.0025
438	2025	ALT1	OVR	PM	Overcrossing	0.12	0.17	3.39	0.37	1037	708	0.0062	0.0058	0.0039	0.0002	0.0008	0.0031	0.0009	0.0005	0.0001	0.0007	0.0026
439	2025	ALT1	OVR	PM	Overcrossing	0.17	0.24	4.46	0.52	1416	973	0.0093	0.0086	0.0054	0.0003	0.0014	0.0048	0.0012	0.0007	0.0001	0.0016	0.0076
440	2025	ALT1	OVR	PM	Overcrossing	0.13	0.17	3.86	0.44	1114	763	0.0064	0.0060	0.0040	0.0002	0.0009	0.0034	0.0009	0.0005	0.0001	0.0011	0.0045
441	2025	ALT1	OVR	PM	Overcrossing	0.15	0.20	4.04	0.48	1253	862	0.0081	0.0075	0.0047	0.0002	0.0013	0.0043	0.0010	0.0006	0.0001	0.0016	0.0080
442	2025	ALT1	OVR	PM	Overcrossing	0.32	0.45	9.17	1.11	2781	1919	0.0181	0.0167	0.0102	0.0005	0.0030	0.0099	0.0023	0.0012	0.0002	0.0043	0.0207
443	2025	ALT1	OVR	PM	Overcrossing	0.15	0.21	4.27	0.56	1300	904	0.0090	0.0083	0.0047	0.0002	0.0017	0.0052	0.0010	0.0005	0.0001	0.0029	0.0141
444	2025	ALT1	OVR	PM	Overcrossing	0.11	0.16	3.31	0.39	985	679	0.0062	0.0057	0.0036	0.0002	0.0010	0.0034	0.0008	0.0004	0.0001	0.0014	0.0063
445	2025	ALT1	OVR	PM	Overcrossing	0.20	0.27	5.85	0.65	1717	1173	0.0099	0.0092	0.0063	0.0003	0.0013	0.0051	0.0014	0.0008	0.0001	0.0013	0.0051
446	2025	ALT1	OVR	PM	Overcrossing	0.16	0.22	3.99	0.45	1301	890	0.0085	0.0079	0.0050	0.0003	0.0011	0.0042	0.0011	0.0007	0.0001	0.0011	0.0051
447	2025	ALT1	OVR	PM	Overcrossing	0.10	0.14	3.19	0.36	911	624	0.0052	0.0048	0.0033	0.0002	0.0008	0.0028	0.0007	0.0004	0.0001	0.0009	0.0036
448	2025	ALT1	OVR	PM	Overcrossing	0.07	0.09	2.05	0.23	583	398	0.0032	0.0030	0.0021	0.0001	0.0005	0.0017	0.0005	0.0002	0.0000	0.0004	0.0017
449	2025	ALT1	OVR	PM	Overcrossing	0.06	0.08	1.77	0.20	505	346	0.0029	0.0027	0.0018	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0005	0.0019
438	2025	ALT1	OVR	NT	Overcrossing	0.07	0.09	2.22	0.27	614	424	0.0036	0.0033	0.0021	0.0001	0.0006	0.0020	0.0005	0.0002	0.0000	0.0010	0.0039
439	2025	ALT1	OVR	NT	Overcrossing	0.08	0.11	2.29	0.33	690	486	0.0052	0.0048	0.0024	0.0001	0.0011	0.0031	0.0005	0.0003	0.0000	0.0023	0.0105
440	2025	ALT1	OVR	NT	Overcrossing	0.06	0.07	1.75	0.24	501	350	0.0034	0.0032	0.0017	0.0001	0.0007	0.0020	0.0004	0.0002	0.0000	0.0014	0.0056
441	2025	ALT1	OVR	NT	Overcrossing	0.07	0.10	2.09	0.33	645	460	0.0054	0.0050	0.0022	0.0001	0.0013	0.0033	0.0005	0.0002	0.0000	0.0029	0.0130
442	2025	ALT1	OVR	NT	Overcrossing	0.14	0.18	3.93	0.65	1208	864	0.0106	0.0098	0.0041	0.0002	0.0025	0.0063	0.0009	0.0004	0.0001	0.0061	0.0257
443	2025	ALT1	OVR	NT	Overcrossing	0.06	0.08	1.59	0.35	543	402	0.0066	0.0061	0.0018	0.0001	0.0016	0.0037	0.0004	0.0002	0.0000	0.0050	0.0181
444	2025	ALT1	OVR	NT	Overcrossing	0.06	0.08	1.72	0.28	519	370	0.0045	0.0042	0.0018	0.0001	0.0009	0.0025	0.0004	0.0002	0.0000	0.0027	0.0092
445	2025	ALT1	OVR	NT	Overcrossing	0.11	0.15	3.42	0.42	969	670	0.0060	0.0055	0.0034	0.0002	0.0011	0.0034	0.0008	0.0004	0.0001	0.0017	0.0074
446	2025	ALT1	OVR	NT	Overcrossing	0.06	0.08	1.79	0.25	528	370	0.0038	0.0035	0.0019	0.0001	0.0008	0.0022	0.0004	0.0002	0.0000	0.0015	0.0069
447	2025	ALT1	OVR	NT	Overcrossing	0.05	0.07	1.67	0.22	474	330	0.0032	0.0029	0.0016	0.0001	0.0006	0.0018	0.0004	0.0002	0.0000	0.0013	0.0049
448	2025	ALT1	OVR	NT	Overcrossing	0.03	0.04	0.92	0.12	260	180	0.0016	0.0015	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0005	0.0021
449	2025	ALT1	OVR	NT	Overcrossing	0.03	0.04	0.97	0.13	275	192	0.0018	0.0017	0.0010	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0007	0.0028

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
438	2045	ALT1	OVR	AM	Overcrossing	0.06	0.09	1.99	0.20	754	491	0.0046	0.0043	0.0022	0.0001	0.0005	0.0018	0.0005	0.0004	0.0001	0.0004	0.0017
439	2045	ALT1	OVR	AM	Overcrossing	0.08	0.12	2.71	0.29	983	643	0.0059	0.0055	0.0028	0.0001	0.0007	0.0025	0.0006	0.0005	0.0001	0.0008	0.0039
440	2045	ALT1	OVR	AM	Overcrossing	0.06	0.08	2.00	0.22	685	451	0.0039	0.0037	0.0019	0.0001	0.0005	0.0018	0.0004	0.0003	0.0000	0.0008	0.0034
441	2045	ALT1	OVR	AM	Overcrossing	0.08	0.11	2.54	0.27	911	598	0.0055	0.0051	0.0025	0.0001	0.0007	0.0024	0.0006	0.0004	0.0001	0.0009	0.0042
442	2045	ALT1	OVR	AM	Overcrossing	0.13	0.18	4.35	0.50	1522	1006	0.0094	0.0087	0.0042	0.0002	0.0014	0.0044	0.0009	0.0006	0.0001	0.0023	0.0107
443	2045	ALT1	OVR	AM	Overcrossing	0.05	0.07	1.68	0.20	574	381	0.0036	0.0033	0.0015	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0011	0.0044
444	2045	ALT1	OVR	AM	Overcrossing	0.05	0.07	1.69	0.19	578	381	0.0034	0.0032	0.0016	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0008	0.0034
445	2045	ALT1	OVR	AM	Overcrossing	0.08	0.11	2.85	0.30	977	638	0.0054	0.0050	0.0027	0.0001	0.0006	0.0023	0.0006	0.0004	0.0001	0.0007	0.0029
446	2045	ALT1	OVR	AM	Overcrossing	0.06	0.08	1.88	0.20	676	443	0.0041	0.0038	0.0019	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0006	0.0028
447	2045	ALT1	OVR	AM	Overcrossing	0.05	0.07	1.77	0.19	592	387	0.0032	0.0029	0.0016	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0005	0.0019
448	2045	ALT1	OVR	AM	Overcrossing	0.03	0.04	0.87	0.09	303	199	0.0018	0.0016	0.0008	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0003	0.0014
449	2045	ALT1	OVR	AM	Overcrossing	0.03	0.04	1.06	0.11	360	235	0.0020	0.0018	0.0010	0.0001	0.0002	0.0008	0.0002	0.0002	0.0000	0.0002	0.0010
438	2045	ALT1	OVR	MD	Overcrossing	0.10	0.15	3.40	0.35	1227	802	0.0072	0.0067	0.0035	0.0002	0.0008	0.0029	0.0008	0.0006	0.0001	0.0008	0.0038
439	2045	ALT1	OVR	MD	Overcrossing	0.16	0.23	4.94	0.55	1858	1223	0.0120	0.0111	0.0053	0.0003	0.0016	0.0052	0.0012	0.0009	0.0001	0.0021	0.0111
440	2045	ALT1	OVR	MD	Overcrossing	0.09	0.13	3.14	0.37	1093	725	0.0068	0.0063	0.0030	0.0002	0.0011	0.0032	0.0007	0.0004	0.0001	0.0019	0.0084
441	2045	ALT1	OVR	MD	Overcrossing	0.12	0.18	4.00	0.47	1460	966	0.0095	0.0088	0.0041	0.0002	0.0014	0.0044	0.0009	0.0006	0.0001	0.0023	0.0113
442	2045	ALT1	OVR	MD	Overcrossing	0.25	0.35	8.17	1.02	2934	1956	0.0197	0.0182	0.0081	0.0004	0.0034	0.0096	0.0018	0.0012	0.0002	0.0062	0.0294
443	2045	ALT1	OVR	MD	Overcrossing	0.10	0.13	3.25	0.45	1156	781	0.0085	0.0079	0.0031	0.0002	0.0016	0.0043	0.0007	0.0004	0.0001	0.0038	0.0158
444	2045	ALT1	OVR	MD	Overcrossing	0.08	0.11	2.59	0.33	911	610	0.0062	0.0057	0.0025	0.0001	0.0011	0.0031	0.0005	0.0003	0.0001	0.0023	0.0099
445	2045	ALT1	OVR	MD	Overcrossing	0.14	0.20	4.92	0.53	1700	1115	0.0097	0.0090	0.0047	0.0002	0.0012	0.0042	0.0010	0.0007	0.0001	0.0016	0.0071
446	2045	ALT1	OVR	MD	Overcrossing	0.10	0.14	3.05	0.34	1126	742	0.0072	0.0067	0.0032	0.0002	0.0010	0.0032	0.0007	0.0005	0.0001	0.0014	0.0069
447	2045	ALT1	OVR	MD	Overcrossing	0.08	0.11	2.88	0.31	974	640	0.0055	0.0051	0.0026	0.0001	0.0007	0.0025	0.0006	0.0004	0.0001	0.0011	0.0044
448	2045	ALT1	OVR	MD	Overcrossing	0.06	0.09	2.01	0.22	724	477	0.0045	0.0042	0.0020	0.0001	0.0006	0.0020	0.0004	0.0003	0.0000	0.0009	0.0044
449	2045	ALT1	OVR	MD	Overcrossing	0.06	0.08	1.98	0.21	678	443	0.0037	0.0035	0.0019	0.0001	0.0004	0.0016	0.0004	0.0003	0.0000	0.0005	0.0021
438	2045	ALT1	OVR	PM	Overcrossing	0.13	0.20	3.49	0.35	1461	952	0.0099	0.0092	0.0045	0.0002	0.0010	0.0036	0.0010	0.0008	0.0001	0.0007	0.0039
439	2045	ALT1	OVR	PM	Overcrossing	0.18	0.26	4.70	0.50	1953	1278	0.0134	0.0124	0.0059	0.0003	0.0015	0.0052	0.0013	0.0011	0.0002	0.0014	0.0080
440	2045	ALT1	OVR	PM	Overcrossing	0.11	0.16	3.77	0.40	1353	887	0.0081	0.0075	0.0038	0.0002	0.0010	0.0035	0.0008	0.0006	0.0001	0.0013	0.0060
441	2045	ALT1	OVR	PM	Overcrossing	0.16	0.24	4.48	0.49	1824	1197	0.0125	0.0116	0.0055	0.0003	0.0015	0.0050	0.0012	0.0010	0.0001	0.0017	0.0093
442	2045	ALT1	OVR	PM	Overcrossing	0.28	0.41	8.66	0.96	3284	2162	0.0214	0.0199	0.0094	0.0005	0.0029	0.0092	0.0021	0.0016	0.0002	0.0038	0.0197
443	2045	ALT1	OVR	PM	Overcrossing	0.13	0.19	3.97	0.46	1529	1009	0.0103	0.0095	0.0044	0.0002	0.0014	0.0045	0.0010	0.0007	0.0001	0.0020	0.0108
444	2045	ALT1	OVR	PM	Overcrossing	0.10	0.14	2.97	0.32	1131	741	0.0072	0.0067	0.0033	0.0002	0.0008	0.0029	0.0007	0.0006	0.0001	0.0009	0.0048
445	2045	ALT1	OVR	PM	Overcrossing	0.14	0.21	4.80	0.49	1714	1119	0.0099	0.0092	0.0048	0.0003	0.0011	0.0040	0.0011	0.0008	0.0001	0.0010	0.0047
446	2045	ALT1	OVR	PM	Overcrossing	0.20	0.29	4.24	0.45	1998	1307	0.0153	0.0142	0.0066	0.0003	0.0019	0.0063	0.0015	0.0012	0.0002	0.0013	0.0126
447	2045	ALT1	OVR	PM	Overcrossing	0.09	0.14	3.07	0.32	1117	730	0.0067	0.0062	0.0031	0.0002	0.0008	0.0027	0.0007	0.0005	0.0001	0.0008	0.0039
448	2045	ALT1	OVR	PM	Overcrossing	0.08	0.11	2.18	0.23	858	562	0.0056	0.0052	0.0025	0.0001	0.0006	0.0022	0.0006	0.0004	0.0001	0.0007	0.0036
449	2045	ALT1	OVR	PM	Overcrossing	0.06	0.08	1.99	0.20	700	457	0.0040	0.0037	0.0019	0.0001	0.0004	0.0016	0.0004	0.0003	0.0000	0.0004	0.0018
438	2045	ALT1	OVR	NT	Overcrossing	0.06	0.08	2.08	0.23	698	460	0.0040	0.0037	0.0019	0.0001	0.0006	0.0018	0.0004	0.0003	0.0000	0.0010	0.0038
439	2045	ALT1	OVR	NT	Overcrossing	0.07	0.10	2.32	0.32	847	571	0.0062	0.0057	0.0023	0.0001	0.0012	0.0032	0.0005	0.0003	0.0001	0.0025	0.0116
440	2045	ALT1	OVR	NT	Overcrossing	0.05	0.07	1.75	0.24	620	418	0.0045	0.0041	0.0017	0.0001	0.0008	0.0022	0.0004	0.0002	0.0000	0.0019	0.0079
441	2045	ALT1	OVR	NT	Overcrossing	0.07	0.09	2.15	0.31	788	535	0.0061	0.0056	0.0021	0.0001	0.0012	0.0032	0.0005	0.0003	0.0001	0.0027	0.0124
442	2045	ALT1	OVR	NT	Overcrossing	0.11	0.15	3.37	0.58	1285	894	0.0120	0.0110	0.0034	0.0002	0.0027	0.0065	0.0007	0.0004	0.0001	0.0072	0.0302
443	2045	ALT1	OVR	NT	Overcrossing	0.05	0.07	1.44	0.30	587	419	0.0069	0.0063	0.0015	0.0001	0.0015	0.0035	0.0003	0.0002	0.0000	0.0050	0.0178
444	2045	ALT1	OVR	NT	Overcrossing	0.06	0.07	1.78	0.28	649	446	0.0056	0.0052	0.0017	0.0001	0.0011	0.0027	0.0004	0.0002	0.0000	0.0032	0.0113
445	2045	ALT1	OVR	NT	Overcrossing	0.09	0.12	2.93	0.35	1020	678	0.0065	0.0060	0.0028	0.0001	0.0011	0.0031	0.0006	0.0004	0.0001	0.0020	0.0086
446	2045	ALT1	OVR	NT	Overcrossing	0.05	0.07	1.60	0.21	573	384	0.0040	0.0037	0.0016	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0015	0.0068
447	2045	ALT1	OVR	NT	Overcrossing	0.05	0.06	1.58	0.20	544	362	0.0035	0.0033	0.0015	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0013	0.0049
448	2045	ALT1	OVR	NT	Overcrossing	0.03	0.04	1.08	0.14	379	255	0.0026	0.0024	0.0010	0.0001	0.0005	0.0013	0.0002	0.0001	0.0000	0.0011	0.0044
449	2045	ALT1	OVR	NT	Overcrossing	0.02	0.03	0.86	0.10	293	193	0.0017	0.0016	0.0008	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0004	0.0017

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
438	2045	ALT2	OVR	AM	Overcrossing	0.07	0.10	2.03	0.21	781	509	0.0049	0.0045	0.0023	0.0001	0.0005	0.0018	0.0005	0.0004	0.0001	0.0004	0.0019
439	2045	ALT2	OVR	AM	Overcrossing	0.09	0.12	2.79	0.29	1015	665	0.0061	0.0057	0.0029	0.0002	0.0007	0.0025	0.0006	0.0005	0.0001	0.0008	0.0039
440	2045	ALT2	OVR	AM	Overcrossing	0.06	0.09	2.14	0.23	732	481	0.0042	0.0039	0.0020	0.0001	0.0006	0.0019	0.0004	0.0003	0.0000	0.0008	0.0035
441	2045	ALT2	OVR	AM	Overcrossing	0.08	0.12	2.75	0.29	1000	655	0.0061	0.0056	0.0028	0.0001	0.0007	0.0025	0.0006	0.0005	0.0001	0.0009	0.0042
442	2045	ALT2	OVR	AM	Overcrossing	0.12	0.17	4.14	0.48	1445	956	0.0089	0.0083	0.0039	0.0002	0.0014	0.0042	0.0009	0.0006	0.0001	0.0023	0.0103
443	2045	ALT2	OVR	AM	Overcrossing	0.05	0.07	1.81	0.22	618	410	0.0038	0.0035	0.0017	0.0001	0.0006	0.0018	0.0004	0.0002	0.0000	0.0012	0.0048
444	2045	ALT2	OVR	AM	Overcrossing	0.05	0.07	1.66	0.19	564	372	0.0033	0.0031	0.0015	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0035
445	2045	ALT2	OVR	AM	Overcrossing	0.08	0.11	2.84	0.30	973	636	0.0054	0.0050	0.0027	0.0001	0.0006	0.0023	0.0006	0.0004	0.0001	0.0007	0.0030
446	2045	ALT2	OVR	AM	Overcrossing	0.06	0.08	1.85	0.20	668	438	0.0040	0.0037	0.0019	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0006	0.0029
447	2045	ALT2	OVR	AM	Overcrossing	0.05	0.07	1.79	0.19	597	391	0.0032	0.0030	0.0016	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0005	0.0019
448	2045	ALT2	OVR	AM	Overcrossing	0.03	0.04	0.99	0.11	351	231	0.0021	0.0019	0.0010	0.0001	0.0003	0.0009	0.0002	0.0002	0.0000	0.0003	0.0016
449	2045	ALT2	OVR	AM	Overcrossing	0.03	0.04	1.11	0.11	377	246	0.0021	0.0019	0.0010	0.0001	0.0002	0.0009	0.0002	0.0002	0.0000	0.0002	0.0010
438	2045	ALT2	OVR	MD	Overcrossing	0.11	0.16	3.48	0.36	1275	834	0.0077	0.0071	0.0036	0.0002	0.0009	0.0031	0.0008	0.0006	0.0001	0.0009	0.0043
439	2045	ALT2	OVR	MD	Overcrossing	0.17	0.25	5.16	0.57	1965	1293	0.0128	0.0119	0.0057	0.0003	0.0017	0.0055	0.0013	0.0009	0.0001	0.0022	0.0114
440	2045	ALT2	OVR	MD	Overcrossing	0.09	0.13	3.24	0.38	1126	745	0.0069	0.0064	0.0031	0.0002	0.0011	0.0032	0.0007	0.0005	0.0001	0.0018	0.0081
441	2045	ALT2	OVR	MD	Overcrossing	0.14	0.21	4.55	0.51	1688	1113	0.0109	0.0101	0.0048	0.0002	0.0015	0.0048	0.0011	0.0008	0.0001	0.0021	0.0108
442	2045	ALT2	OVR	MD	Overcrossing	0.24	0.34	7.98	1.00	2866	1914	0.0195	0.0180	0.0079	0.0004	0.0034	0.0096	0.0017	0.0012	0.0002	0.0064	0.0302
443	2045	ALT2	OVR	MD	Overcrossing	0.10	0.13	3.25	0.44	1158	782	0.0085	0.0078	0.0031	0.0002	0.0016	0.0043	0.0007	0.0004	0.0001	0.0037	0.0157
444	2045	ALT2	OVR	MD	Overcrossing	0.07	0.10	2.54	0.33	890	597	0.0061	0.0057	0.0024	0.0001	0.0011	0.0031	0.0005	0.0003	0.0001	0.0024	0.0101
445	2045	ALT2	OVR	MD	Overcrossing	0.14	0.20	4.88	0.52	1687	1107	0.0097	0.0090	0.0046	0.0002	0.0013	0.0042	0.0010	0.0007	0.0001	0.0016	0.0073
446	2045	ALT2	OVR	MD	Overcrossing	0.09	0.14	3.00	0.34	1106	729	0.0071	0.0066	0.0031	0.0002	0.0010	0.0031	0.0007	0.0005	0.0001	0.0014	0.0071
447	2045	ALT2	OVR	MD	Overcrossing	0.08	0.11	2.89	0.31	980	643	0.0055	0.0051	0.0027	0.0001	0.0007	0.0025	0.0006	0.0004	0.0001	0.0011	0.0045
448	2045	ALT2	OVR	MD	Overcrossing	0.06	0.09	2.01	0.22	717	472	0.0044	0.0041	0.0020	0.0001	0.0006	0.0020	0.0004	0.0003	0.0000	0.0009	0.0044
449	2045	ALT2	OVR	MD	Overcrossing	0.06	0.09	2.18	0.23	745	487	0.0041	0.0038	0.0020	0.0001	0.0005	0.0017	0.0005	0.0003	0.0000	0.0005	0.0022
438	2045	ALT2	OVR	PM	Overcrossing	0.14	0.21	3.55	0.36	1515	987	0.0105	0.0097	0.0047	0.0002	0.0010	0.0038	0.0011	0.0009	0.0001	0.0007	0.0043
439	2045	ALT2	OVR	PM	Overcrossing	0.18	0.27	4.86	0.51	2030	1328	0.0140	0.0130	0.0062	0.0003	0.0015	0.0054	0.0014	0.0011	0.0002	0.0014	0.0084
440	2045	ALT2	OVR	PM	Overcrossing	0.13	0.19	4.22	0.44	1528	1000	0.0092	0.0085	0.0043	0.0002	0.0011	0.0038	0.0010	0.0007	0.0001	0.0012	0.0057
441	2045	ALT2	OVR	PM	Overcrossing	0.19	0.27	4.92	0.53	2054	1346	0.0143	0.0133	0.0063	0.0003	0.0016	0.0057	0.0014	0.0011	0.0002	0.0017	0.0098
442	2045	ALT2	OVR	PM	Overcrossing	0.27	0.39	8.49	0.94	3176	2091	0.0204	0.0189	0.0090	0.0005	0.0027	0.0088	0.0020	0.0015	0.0002	0.0037	0.0188
443	2045	ALT2	OVR	PM	Overcrossing	0.14	0.20	4.10	0.47	1593	1051	0.0108	0.0100	0.0046	0.0002	0.0015	0.0047	0.0010	0.0008	0.0001	0.0021	0.0111
444	2045	ALT2	OVR	PM	Overcrossing	0.09	0.13	2.92	0.31	1088	714	0.0068	0.0063	0.0031	0.0002	0.0008	0.0028	0.0007	0.0005	0.0001	0.0010	0.0049
445	2045	ALT2	OVR	PM	Overcrossing	0.15	0.21	4.92	0.50	1764	1152	0.0103	0.0095	0.0049	0.0003	0.0011	0.0041	0.0011	0.0008	0.0001	0.0011	0.0050
446	2045	ALT2	OVR	PM	Overcrossing	0.21	0.31	4.34	0.47	2080	1361	0.0162	0.0150	0.0070	0.0004	0.0020	0.0067	0.0015	0.0013	0.0002	0.0014	0.0140
447	2045	ALT2	OVR	PM	Overcrossing	0.10	0.15	3.23	0.34	1190	779	0.0072	0.0067	0.0034	0.0002	0.0008	0.0029	0.0008	0.0006	0.0001	0.0009	0.0042
448	2045	ALT2	OVR	PM	Overcrossing	0.08	0.11	2.22	0.24	875	573	0.0058	0.0053	0.0026	0.0001	0.0007	0.0023	0.0006	0.0004	0.0001	0.0007	0.0038
449	2045	ALT2	OVR	PM	Overcrossing	0.06	0.08	1.97	0.20	691	451	0.0039	0.0036	0.0019	0.0001	0.0004	0.0016	0.0004	0.0003	0.0000	0.0004	0.0018
438	2045	ALT2	OVR	NT	Overcrossing	0.06	0.08	2.13	0.24	715	471	0.0041	0.0038	0.0019	0.0001	0.0006	0.0019	0.0004	0.0003	0.0000	0.0010	0.0040
439	2045	ALT2	OVR	NT	Overcrossing	0.07	0.10	2.29	0.32	839	566	0.0062	0.0057	0.0023	0.0001	0.0012	0.0032	0.0005	0.0003	0.0001	0.0025	0.0118
440	2045	ALT2	OVR	NT	Overcrossing	0.05	0.07	1.81	0.24	638	430	0.0046	0.0042	0.0017	0.0001	0.0008	0.0023	0.0004	0.0002	0.0000	0.0020	0.0081
441	2045	ALT2	OVR	NT	Overcrossing	0.07	0.10	2.37	0.33	867	586	0.0065	0.0060	0.0024	0.0001	0.0013	0.0033	0.0005	0.0003	0.0001	0.0027	0.0125
442	2045	ALT2	OVR	NT	Overcrossing	0.11	0.14	3.18	0.56	1226	855	0.0117	0.0108	0.0033	0.0001	0.0027	0.0063	0.0007	0.0004	0.0001	0.0072	0.0301
443	2045	ALT2	OVR	NT	Overcrossing	0.05	0.07	1.50	0.31	603	429	0.0069	0.0063	0.0016	0.0001	0.0015	0.0035	0.0003	0.0002	0.0000	0.0049	0.0176
444	2045	ALT2	OVR	NT	Overcrossing	0.05	0.07	1.74	0.28	638	438	0.0056	0.0052	0.0017	0.0001	0.0011	0.0027	0.0004	0.0002	0.0000	0.0033	0.0114
445	2045	ALT2	OVR	NT	Overcrossing	0.08	0.12	2.83	0.34	987	657	0.0064	0.0059	0.0027	0.0001	0.0010	0.0031	0.0006	0.0004	0.0001	0.0020	0.0087
446	2045	ALT2	OVR	NT	Overcrossing	0.05	0.07	1.56	0.21	560	376	0.0040	0.0037	0.0015	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0015	0.0069
447	2045	ALT2	OVR	NT	Overcrossing	0.05	0.06	1.57	0.20	541	361	0.0035	0.0032	0.0015	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0013	0.0049
448	2045	ALT2	OVR	NT	Overcrossing	0.03	0.04	1.10	0.14	384	258	0.0027	0.0025	0.0010	0.0001	0.0005	0.0013	0.0002	0.0001	0.0000	0.0011	0.0044
449	2045	ALT2	OVR	NT	Overcrossing	0.03	0.04	1.12	0.12	379	249	0.0022	0.0020	0.0010	0.0001	0.0003	0.0010	0.0002	0.0002	0.0000	0.0004	0.0019

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
438	2045	ALT3	OVR	AM	Overcrossing	0.07	0.10	2.03	0.20	773	504	0.0048	0.0044	0.0022	0.0001	0.0005	0.0018	0.0005	0.0004	0.0001	0.0004	0.0017
439	2045	ALT3	OVR	AM	Overcrossing	0.09	0.13	2.82	0.30	1027	672	0.0062	0.0057	0.0029	0.0002	0.0007	0.0026	0.0006	0.0005	0.0001	0.0008	0.0039
440	2045	ALT3	OVR	AM	Overcrossing	0.06	0.08	2.08	0.23	710	466	0.0041	0.0038	0.0019	0.0001	0.0005	0.0018	0.0004	0.0003	0.0000	0.0008	0.0033
441	2045	ALT3	OVR	AM	Overcrossing	0.08	0.12	2.70	0.29	973	638	0.0059	0.0054	0.0027	0.0001	0.0007	0.0025	0.0006	0.0004	0.0001	0.0009	0.0043
442	2045	ALT3	OVR	AM	Overcrossing	0.13	0.18	4.31	0.50	1504	994	0.0093	0.0086	0.0041	0.0002	0.0014	0.0043	0.0009	0.0006	0.0001	0.0023	0.0105
443	2045	ALT3	OVR	AM	Overcrossing	0.05	0.08	1.92	0.23	655	434	0.0040	0.0037	0.0018	0.0001	0.0006	0.0019	0.0004	0.0003	0.0000	0.0012	0.0048
444	2045	ALT3	OVR	AM	Overcrossing	0.05	0.07	1.68	0.19	576	380	0.0034	0.0032	0.0016	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0008	0.0036
445	2045	ALT3	OVR	AM	Overcrossing	0.08	0.12	2.86	0.30	982	642	0.0054	0.0050	0.0027	0.0001	0.0006	0.0023	0.0006	0.0004	0.0001	0.0007	0.0030
446	2045	ALT3	OVR	AM	Overcrossing	0.06	0.08	1.87	0.20	674	442	0.0041	0.0038	0.0019	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0006	0.0028
447	2045	ALT3	OVR	AM	Overcrossing	0.05	0.07	1.79	0.19	599	392	0.0032	0.0030	0.0016	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0005	0.0020
448	2045	ALT3	OVR	AM	Overcrossing	0.03	0.04	1.01	0.11	360	236	0.0022	0.0020	0.0010	0.0001	0.0003	0.0009	0.0002	0.0002	0.0000	0.0004	0.0017
449	2045	ALT3	OVR	AM	Overcrossing	0.03	0.04	1.09	0.11	373	244	0.0020	0.0019	0.0010	0.0001	0.0002	0.0009	0.0002	0.0002	0.0000	0.0002	0.0010
438	2045	ALT3	OVR	MD	Overcrossing	0.11	0.15	3.49	0.36	1267	827	0.0075	0.0070	0.0036	0.0002	0.0008	0.0030	0.0008	0.0006	0.0001	0.0008	0.0037
439	2045	ALT3	OVR	MD	Overcrossing	0.17	0.25	5.25	0.58	2001	1316	0.0131	0.0121	0.0058	0.0003	0.0017	0.0055	0.0013	0.0010	0.0001	0.0022	0.0114
440	2045	ALT3	OVR	MD	Overcrossing	0.09	0.13	3.14	0.37	1089	721	0.0067	0.0062	0.0030	0.0002	0.0010	0.0032	0.0007	0.0004	0.0001	0.0018	0.0079
441	2045	ALT3	OVR	MD	Overcrossing	0.13	0.19	4.19	0.48	1538	1017	0.0100	0.0092	0.0043	0.0002	0.0015	0.0045	0.0010	0.0007	0.0001	0.0022	0.0112
442	2045	ALT3	OVR	MD	Overcrossing	0.25	0.35	8.13	1.01	2914	1942	0.0195	0.0180	0.0080	0.0004	0.0033	0.0095	0.0017	0.0012	0.0002	0.0061	0.0287
443	2045	ALT3	OVR	MD	Overcrossing	0.11	0.15	3.70	0.47	1310	876	0.0089	0.0082	0.0036	0.0002	0.0015	0.0044	0.0008	0.0005	0.0001	0.0031	0.0138
444	2045	ALT3	OVR	MD	Overcrossing	0.08	0.11	2.61	0.33	918	614	0.0062	0.0058	0.0025	0.0001	0.0011	0.0031	0.0005	0.0004	0.0001	0.0023	0.0099
445	2045	ALT3	OVR	MD	Overcrossing	0.14	0.20	4.90	0.52	1694	1111	0.0097	0.0090	0.0046	0.0002	0.0012	0.0042	0.0010	0.0007	0.0001	0.0016	0.0070
446	2045	ALT3	OVR	MD	Overcrossing	0.10	0.14	3.09	0.35	1142	753	0.0073	0.0068	0.0032	0.0002	0.0010	0.0032	0.0007	0.0005	0.0001	0.0014	0.0070
447	2045	ALT3	OVR	MD	Overcrossing	0.08	0.12	2.93	0.32	995	654	0.0056	0.0052	0.0027	0.0001	0.0008	0.0025	0.0006	0.0004	0.0001	0.0011	0.0046
448	2045	ALT3	OVR	MD	Overcrossing	0.06	0.09	1.98	0.22	712	469	0.0044	0.0041	0.0020	0.0001	0.0006	0.0020	0.0004	0.0003	0.0000	0.0009	0.0043
449	2045	ALT3	OVR	MD	Overcrossing	0.06	0.08	1.98	0.21	678	443	0.0037	0.0035	0.0019	0.0001	0.0004	0.0016	0.0004	0.0003	0.0000	0.0005	0.0021
438	2045	ALT3	OVR	PM	Overcrossing	0.14	0.21	3.66	0.37	1559	1016	0.0107	0.0100	0.0048	0.0003	0.0010	0.0039	0.0011	0.0009	0.0001	0.0007	0.0042
439	2045	ALT3	OVR	PM	Overcrossing	0.17	0.25	4.71	0.50	1931	1263	0.0131	0.0122	0.0058	0.0003	0.0014	0.0050	0.0013	0.0010	0.0002	0.0014	0.0075
440	2045	ALT3	OVR	PM	Overcrossing	0.11	0.16	3.75	0.40	1332	873	0.0078	0.0073	0.0037	0.0002	0.0010	0.0033	0.0008	0.0006	0.0001	0.0011	0.0052
441	2045	ALT3	OVR	PM	Overcrossing	0.17	0.25	4.72	0.51	1922	1261	0.0132	0.0122	0.0058	0.0003	0.0015	0.0052	0.0013	0.0010	0.0001	0.0017	0.0093
442	2045	ALT3	OVR	PM	Overcrossing	0.27	0.40	8.50	0.94	3195	2103	0.0207	0.0191	0.0091	0.0005	0.0028	0.0089	0.0020	0.0015	0.0002	0.0037	0.0190
443	2045	ALT3	OVR	PM	Overcrossing	0.16	0.23	4.51	0.51	1809	1191	0.0125	0.0116	0.0054	0.0003	0.0016	0.0052	0.0012	0.0009	0.0001	0.0021	0.0112
444	2045	ALT3	OVR	PM	Overcrossing	0.10	0.14	2.93	0.31	1114	730	0.0071	0.0066	0.0032	0.0002	0.0008	0.0029	0.0007	0.0005	0.0001	0.0010	0.0049
445	2045	ALT3	OVR	PM	Overcrossing	0.15	0.22	4.98	0.51	1795	1172	0.0105	0.0098	0.0050	0.0003	0.0012	0.0043	0.0011	0.0008	0.0001	0.0011	0.0053
446	2045	ALT3	OVR	PM	Overcrossing	0.21	0.32	4.37	0.47	2106	1377	0.0164	0.0152	0.0071	0.0004	0.0021	0.0068	0.0016	0.0013	0.0002	0.0014	0.0142
447	2045	ALT3	OVR	PM	Overcrossing	0.11	0.16	3.37	0.35	1266	828	0.0079	0.0073	0.0036	0.0002	0.0009	0.0031	0.0008	0.0006	0.0001	0.0009	0.0044
448	2045	ALT3	OVR	PM	Overcrossing	0.08	0.11	2.17	0.23	863	565	0.0057	0.0053	0.0025	0.0001	0.0007	0.0023	0.0006	0.0004	0.0001	0.0007	0.0037
449	2045	ALT3	OVR	PM	Overcrossing	0.06	0.09	2.07	0.21	735	479	0.0042	0.0039	0.0021	0.0001	0.0005	0.0017	0.0005	0.0003	0.0000	0.0004	0.0018
438	2045	ALT3	OVR	NT	Overcrossing	0.06	0.08	2.15	0.24	721	475	0.0041	0.0038	0.0019	0.0001	0.0006	0.0019	0.0004	0.0003	0.0000	0.0009	0.0038
439	2045	ALT3	OVR	NT	Overcrossing	0.07	0.10	2.35	0.32	859	579	0.0063	0.0058	0.0023	0.0001	0.0012	0.0032	0.0005	0.0003	0.0001	0.0025	0.0117
440	2045	ALT3	OVR	NT	Overcrossing	0.05	0.07	1.79	0.24	632	425	0.0045	0.0042	0.0017	0.0001	0.0008	0.0023	0.0004	0.0002	0.0000	0.0019	0.0079
441	2045	ALT3	OVR	NT	Overcrossing	0.07	0.09	2.17	0.31	797	540	0.0061	0.0056	0.0022	0.0001	0.0012	0.0032	0.0005	0.0003	0.0001	0.0027	0.0123
442	2045	ALT3	OVR	NT	Overcrossing	0.11	0.15	3.26	0.57	1250	871	0.0118	0.0109	0.0033	0.0001	0.0027	0.0064	0.0007	0.0004	0.0001	0.0072	0.0301
443	2045	ALT3	OVR	NT	Overcrossing	0.05	0.07	1.53	0.31	614	436	0.0069	0.0064	0.0016	0.0001	0.0015	0.0035	0.0003	0.0002	0.0000	0.0050	0.0177
444	2045	ALT3	OVR	NT	Overcrossing	0.06	0.07	1.78	0.28	650	446	0.0056	0.0052	0.0017	0.0001	0.0011	0.0027	0.0004	0.0002	0.0000	0.0032	0.0114
445	2045	ALT3	OVR	NT	Overcrossing	0.08	0.12	2.93	0.35	1017	676	0.0065	0.0060	0.0028	0.0001	0.0010	0.0031	0.0006	0.0004	0.0001	0.0019	0.0085
446	2045	ALT3	OVR	NT	Overcrossing	0.05	0.07	1.61	0.21	578	388	0.0041	0.0037	0.0016	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0015	0.0068
447	2045	ALT3	OVR	NT	Overcrossing	0.05	0.06	1.58	0.20	544	363	0.0035	0.0033	0.0015	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0013	0.0050
448	2045	ALT3	OVR	NT	Overcrossing	0.03	0.04	1.08	0.14	380	255	0.0027	0.0025	0.0010	0.0001	0.0005	0.0013	0.0002	0.0001	0.0000	0.0011	0.0045
449	2045	ALT3	OVR	NT	Overcrossing	0.02	0.03	0.87	0.10	296	195	0.0017	0.0016	0.0008	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0004	0.0018

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
1	2012	EXT	EB	AM	Mainline	1.48	1.77	32.25	9.63	4391	4238	0.2634	0.2418	0.0469	0.0023	0.0267	0.0686	0.0103	0.0020	0.0013	0.2447	0.2477
2	2012	EXT	EB	AM	Mainline	3.67	4.38	78.89	24.52	10911	10536	0.6969	0.6401	0.1158	0.0056	0.0684	0.1739	0.0253	0.0048	0.0034	0.6514	0.6455
3	2012	EXT	EB	AM	Mainline	0.18	0.21	3.77	1.12	514	496	0.0321	0.0294	0.0056	0.0003	0.0031	0.0081	0.0012	0.0002	0.0002	0.0299	0.0288
4	2012	EXT	EB	AM	Mainline	3.02	3.61	64.45	20.51	8988	8683	0.5944	0.5460	0.0951	0.0045	0.0574	0.1453	0.0207	0.0040	0.0028	0.5573	0.5481
5	2012	EXT	EB	AM	Mainline	1.23	1.47	26.16	7.93	3585	3460	0.2296	0.2109	0.0389	0.0019	0.0223	0.0570	0.0085	0.0016	0.0011	0.2144	0.2063
6	2012	EXT	EB	AM	Mainline	3.25	3.87	68.46	22.52	9661	9337	0.6696	0.6151	0.1018	0.0048	0.0634	0.1592	0.0221	0.0043	0.0032	0.6302	0.6146
7	2012	EXT	EB	AM	Mainline	2.69	3.22	58.12	17.81	7992	7716	0.4979	0.4572	0.0850	0.0041	0.0496	0.1265	0.0186	0.0036	0.0024	0.4643	0.4651
8	2012	EXT	EB	AM	Mainline	3.27	3.90	69.06	22.61	9728	9401	0.6712	0.6166	0.1027	0.0049	0.0637	0.1599	0.0223	0.0043	0.0032	0.6315	0.6154
9	2012	EXT	EB	AM	Mainline	2.82	3.37	60.71	18.72	8370	8082	0.5281	0.4850	0.0890	0.0043	0.0522	0.1329	0.0194	0.0037	0.0025	0.4930	0.4904
10	2012	EXT	EB	AM	Mainline	2.83	3.38	59.66	19.58	8411	8128	0.5849	0.5373	0.0890	0.0042	0.0552	0.1387	0.0193	0.0037	0.0028	0.5506	0.5340
11	2012	EXT	EB	AM	Mainline	1.80	2.15	38.78	11.74	5313	5129	0.3286	0.3017	0.0568	0.0027	0.0327	0.0836	0.0124	0.0024	0.0016	0.3061	0.3039
12	2012	EXT	EB	AM	Mainline	1.27	1.51	27.17	8.18	3717	3587	0.2316	0.2127	0.0400	0.0019	0.0228	0.0586	0.0088	0.0017	0.0011	0.2159	0.2115
13	2012	EXT	EB	AM	Mainline	1.22	1.45	25.95	7.11	3439	3315	0.1993	0.1829	0.0387	0.0019	0.0199	0.0526	0.0086	0.0016	0.0010	0.1840	0.1731
14	2012	EXT	EB	AM	Mainline	1.91	2.28	40.88	11.56	5474	5279	0.3258	0.2992	0.0607	0.0030	0.0324	0.0846	0.0134	0.0025	0.0016	0.3019	0.2876
15	2012	EXT	EB	AM	Mainline	2.40	2.87	52.52	14.48	6976	6724	0.3851	0.3536	0.0763	0.0037	0.0399	0.1048	0.0169	0.0032	0.0019	0.3545	0.3508
16	2012	EXT	EB	AM	Mainline	1.32	1.58	28.63	8.26	3859	3722	0.2281	0.2094	0.0420	0.0020	0.0229	0.0595	0.0092	0.0017	0.0011	0.2114	0.2072
17	2012	EXT	EB	AM	Mainline	2.14	2.56	46.37	13.92	6330	6110	0.3848	0.3534	0.0677	0.0033	0.0387	0.0992	0.0148	0.0028	0.0019	0.3579	0.3586
18	2012	EXT	EB	AM	Mainline	2.28	2.73	52.23	12.44	6565	6317	0.2770	0.2541	0.0732	0.0037	0.0333	0.0910	0.0164	0.0030	0.0014	0.2462	0.2651
19	2012	EXT	EB	AM	Mainline	1.75	2.09	39.34	9.35	4979	4790	0.2196	0.2014	0.0561	0.0028	0.0252	0.0693	0.0126	0.0023	0.0011	0.1963	0.1984
20	2012	EXT	EB	AM	Mainline	3.53	4.23	79.36	19.57	10146	9765	0.4696	0.4309	0.1133	0.0057	0.0530	0.1438	0.0253	0.0047	0.0024	0.4229	0.4310
21	2012	EXT	EB	AM	Mainline	0.38	0.45	8.43	2.06	1079	1038	0.0511	0.0469	0.0122	0.0006	0.0056	0.0153	0.0027	0.0005	0.0003	0.0461	0.0453
22	2012	EXT	EB	AM	Mainline	1.44	1.73	32.21	7.44	4052	3897	0.1758	0.1612	0.0464	0.0023	0.0202	0.0559	0.0104	0.0019	0.0009	0.1566	0.1536
23	2012	EXT	EB	AM	Mainline	3.35	4.01	74.92	17.87	9513	9152	0.4293	0.3939	0.1077	0.0054	0.0484	0.1329	0.0241	0.0044	0.0022	0.3850	0.3808
24	2012	EXT	EB	AM	Mainline	1.22	1.47	27.90	6.44	3488	3354	0.1437	0.1318	0.0393	0.0020	0.0172	0.0477	0.0088	0.0016	0.0007	0.1272	0.1328
25	2012	EXT	EB	AM	Mainline	0.86	1.03	19.29	4.37	2413	2320	0.1001	0.0919	0.0276	0.0014	0.0117	0.0328	0.0062	0.0011	0.0005	0.0887	0.0879
26	2012	EXT	EB	AM	Mainline	7.48	8.94	166.16	36.62	20651	19847	0.8504	0.7799	0.2414	0.0123	0.0996	0.2809	0.0545	0.0097	0.0044	0.7511	0.7228
27	2012	EXT	EB	AM	Mainline	5.53	6.61	123.04	27.30	15318	14722	0.6349	0.5823	0.1784	0.0090	0.0742	0.2087	0.0402	0.0072	0.0033	0.5615	0.5423
28	2012	EXT	EB	AM	Mainline	3.26	3.90	72.16	15.72	8945	8595	0.3663	0.3359	0.1054	0.0054	0.0430	0.1216	0.0238	0.0042	0.0019	0.3231	0.3075
29	2012	EXT	EB	AM	Mainline	2.13	2.54	47.53	10.16	5857	5627	0.2281	0.2092	0.0688	0.0035	0.0275	0.0783	0.0155	0.0028	0.0012	0.1997	0.1930
30	2012	EXT	EB	AM	Mainline																	
31	2012	EXT	EB	AM	Mainline																	
32	2012	EXT	EB	AM	Mainline	2.96	3.54	65.64	14.24	8125	7807	0.3289	0.3016	0.0957	0.0049	0.0388	0.1101	0.0216	0.0038	0.0017	0.2895	0.2766
33	2012	EXT	EB	AM	Mainline	2.79	3.33	62.42	13.32	7688	7385	0.2972	0.2726	0.0901	0.0046	0.0360	0.1025	0.0204	0.0036	0.0016	0.2599	0.2521
34	2012	EXT	EB	AM	Mainline	3.15	3.77	70.50	15.65	8774	8433	0.3589	0.3292	0.1016	0.0051	0.0423	0.1189	0.0229	0.0041	0.0019	0.3169	0.3097
35	2012	EXT	EB	AM	Mainline	1.69	2.03	38.60	8.23	4743	4556	0.1768	0.1621	0.0548	0.0028	0.0219	0.0624	0.0124	0.0022	0.0009	0.1538	0.1542
36	2012	EXT	EB	AM	Mainline																	
37	2012	EXT	EB	AM	Mainline																	
38	2012	EXT	EB	AM	Mainline	4.32	5.17	97.47	20.87	12009	11536	0.4593	0.4211	0.1396	0.0071	0.0560	0.1593	0.0316	0.0056	0.0024	0.4011	0.3947
39	2012	EXT	EB	AM	Mainline	4.33	5.19	98.92	20.72	12097	11618	0.4370	0.4006	0.1403	0.0072	0.0549	0.1577	0.0318	0.0057	0.0023	0.3780	0.3786
40	2012	EXT	EB	AM	Mainline	3.02	3.61	67.00	13.86	8193	7868	0.3077	0.2821	0.0977	0.0050	0.0377	0.1087	0.0221	0.0039	0.0016	0.2674	0.2543
41	2012	EXT	EB	AM	Mainline	1.07	1.28	24.42	5.01	2973	2854	0.1040	0.0953	0.0346	0.0018	0.0133	0.0384	0.0079	0.0014	0.0006	0.0894	0.0892
42	2012	EXT	EB	AM	Mainline	3.39	4.07	77.09	15.93	9406	9032	0.3367	0.3086	0.1100	0.0056	0.0424	0.1224	0.0249	0.0044	0.0018	0.2906	0.2870
43	2012	EXT	EB	AM	Mainline	1.41	1.68	32.20	6.54	3906	3750	0.1335	0.1224	0.0456	0.0023	0.0173	0.0501	0.0103	0.0018	0.0007	0.1143	0.1143
44	2012	EXT	EB	AM	Mainline	3.57	4.28	81.11	16.66	9882	9488	0.3504	0.3212	0.1157	0.0059	0.0444	0.1282	0.0262	0.0047	0.0019	0.3018	0.2978
45	2012	EXT	EB	AM	Mainline	0.94	1.13	21.55	4.40	2620	2516	0.0910	0.0834	0.0306	0.0016	0.0117	0.0338	0.0069	0.0012	0.0005	0.0781	0.0776
46	2012	EXT	EB	AM	Mainline	2.65	3.17	59.96	12.28	7301	7010	0.2590	0.2374	0.0858	0.0044	0.0328	0.0948	0.0195	0.0034	0.0014	0.2230	0.2190
47	2012	EXT	EB	AM	Mainline	0.15	0.18	3.37	0.68	409	393	0.0145	0.0133	0.0049	0.0003	0.0018	0.0053	0.0011	0.0002	0.0001	0.0124	0.0119
48	2012	EXT	EB	AM	Mainline	3.11	3.73	69.47	14.10	8453	8116	0.3057	0.2802	0.1010	0.0052	0.0382	0.1109	0.0229	0.0040	0.0016	0.2639	0.2518

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
49	2012	EXT	EB	AM	Mainline	0.25	0.30	5.67	1.15	689	662	0.0243	0.0223	0.0082	0.0004	0.0031	0.0090	0.0019	0.0003	0.0001	0.0209	0.0202
50	2012	EXT	EB	AM	Mainline	4.06	4.86	91.41	19.09	11192	10749	0.4149	0.3804	0.1315	0.0067	0.0513	0.1474	0.0298	0.0053	0.0022	0.3601	0.3509
51	2012	EXT	EB	AM	Mainline	0.68	0.81	15.55	3.12	1881	1805	0.0628	0.0575	0.0220	0.0011	0.0082	0.0240	0.0050	0.0009	0.0003	0.0535	0.0535
52	2012	EXT	EB	AM	Mainline	0.98	1.18	22.53	4.54	2726	2616	0.0915	0.0839	0.0318	0.0016	0.0120	0.0348	0.0072	0.0013	0.0005	0.0781	0.0785
53	2012	EXT	EB	AM	Mainline	0.73	0.87	16.74	3.50	2039	1958	0.0720	0.0660	0.0236	0.0012	0.0092	0.0265	0.0053	0.0010	0.0004	0.0620	0.0637
54	2012	EXT	EB	AM	Mainline	3.77	4.52	87.74	18.85	10695	10276	0.3813	0.3496	0.1217	0.0062	0.0495	0.1403	0.0275	0.0050	0.0021	0.3293	0.3562
55	2012	EXT	EB	AM	Mainline	1.83	2.20	41.93	8.84	5129	4926	0.1859	0.1704	0.0593	0.0030	0.0234	0.0670	0.0134	0.0024	0.0010	0.1609	0.1631
56	2012	EXT	EB	AM	Mainline	4.49	5.38	103.15	22.64	12705	12210	0.4814	0.4414	0.1448	0.0073	0.0600	0.1691	0.0326	0.0059	0.0026	0.4202	0.4398
57	2012	EXT	EB	AM	Mainline	1.28	1.54	28.81	6.19	3554	3414	0.1384	0.1269	0.0415	0.0021	0.0167	0.0475	0.0094	0.0017	0.0007	0.1212	0.1179
58	2012	EXT	EB	AM	Mainline	4.44	5.31	98.42	21.65	12229	11752	0.5055	0.4636	0.1434	0.0073	0.0591	0.1667	0.0324	0.0058	0.0026	0.4467	0.4274
59	2012	EXT	EB	AM	Mainline	1.08	1.30	24.15	5.24	2988	2871	0.1196	0.1097	0.0350	0.0018	0.0142	0.0403	0.0079	0.0014	0.0006	0.1052	0.1014
60	2012	EXT	EB	AM	Mainline	4.52	5.41	99.77	22.21	12439	11956	0.5276	0.4840	0.1459	0.0074	0.0608	0.1710	0.0329	0.0059	0.0027	0.4680	0.4453
61	2012	EXT	EB	AM	Mainline	0.99	1.18	21.60	4.76	2687	2582	0.1144	0.1049	0.0318	0.0016	0.0131	0.0370	0.0072	0.0013	0.0006	0.1014	0.0949
62	2012	EXT	EB	AM	Mainline	1.95	2.33	42.36	9.73	5332	5127	0.2444	0.2242	0.0629	0.0032	0.0270	0.0752	0.0141	0.0025	0.0013	0.2191	0.2037
63	2012	EXT	EB	AM	Mainline	0.77	0.92	16.66	3.97	2118	2038	0.1019	0.0935	0.0247	0.0012	0.0110	0.0303	0.0055	0.0010	0.0005	0.0920	0.0860
64	2012	EXT	EB	AM	Mainline	2.32	2.76	49.93	12.78	6482	6242	0.3426	0.3144	0.0741	0.0037	0.0356	0.0958	0.0165	0.0030	0.0017	0.3130	0.2948
65	2012	EXT	EB	AM	Mainline	0.74	0.88	15.91	4.03	2058	1982	0.1070	0.0982	0.0235	0.0012	0.0112	0.0303	0.0053	0.0010	0.0005	0.0976	0.0921
66	2012	EXT	EB	AM	Mainline	0.26	0.31	5.59	1.51	737	711	0.0416	0.0382	0.0083	0.0004	0.0042	0.0112	0.0018	0.0003	0.0002	0.0383	0.0363
67	2012	EXT	EB	AM	Mainline	4.18	4.98	88.51	26.66	12103	11682	0.7785	0.7150	0.1321	0.0064	0.0751	0.1928	0.0290	0.0055	0.0038	0.7271	0.6923
68	2012	EXT	EB	AM	Mainline	1.31	1.56	27.94	8.22	3791	3657	0.2359	0.2166	0.0415	0.0020	0.0231	0.0596	0.0091	0.0017	0.0011	0.2196	0.2100
69	2012	EXT	EB	AM	Mainline	2.78	3.30	57.16	19.68	8192	7922	0.6207	0.5702	0.0868	0.0041	0.0562	0.1397	0.0188	0.0036	0.0029	0.5879	0.5534
70	2012	EXT	EB	AM	Mainline	1.71	2.03	35.20	11.65	4970	4803	0.3663	0.3365	0.0536	0.0025	0.0333	0.0836	0.0117	0.0022	0.0017	0.3460	0.3213
71	2012	EXT	EB	AM	Mainline	2.26	2.69	45.98	16.03	6613	6396	0.5204	0.4781	0.0706	0.0033	0.0460	0.1143	0.0153	0.0030	0.0024	0.4940	0.4550
72	2012	EXT	EB	AM	Mainline	2.45	3.00	27.15	8.73	4482	4330	0.2101	0.1928	0.0738	0.0029	0.0810	0.1822	0.0145	0.0030	0.0012	0.1785	0.9606
73	2012	EXT	EB	AM	Ramp	0.14	0.18	2.70	0.37	340	326	0.0056	0.0052	0.0048	0.0002	0.0015	0.0047	0.0011	0.0002	0.0000	0.0030	0.0083
74	2012	EXT	EB	AM	Ramp	0.12	0.15	1.90	0.29	262	251	0.0054	0.0050	0.0040	0.0002	0.0017	0.0048	0.0009	0.0002	0.0000	0.0033	0.0137
75	2012	EXT	EB	AM	Ramp	0.18	0.23	2.86	0.40	390	373	0.0071	0.0065	0.0060	0.0003	0.0022	0.0065	0.0013	0.0003	0.0001	0.0038	0.0156
76	2012	EXT	EB	AM	Ramp	0.19	0.24	3.00	0.46	415	398	0.0086	0.0078	0.0064	0.0003	0.0028	0.0077	0.0014	0.0003	0.0001	0.0051	0.0219
77	2012	EXT	EB	AM	Ramp	0.20	0.26	3.34	0.48	451	432	0.0085	0.0077	0.0068	0.0003	0.0026	0.0075	0.0015	0.0003	0.0001	0.0047	0.0184
78	2012	EXT	EB	AM	Ramp	0.27	0.34	3.56	0.48	528	506	0.0098	0.0090	0.0090	0.0005	0.0037	0.0105	0.0020	0.0005	0.0001	0.0048	0.0284
79	2012	EXT	EB	AM	Ramp	0.34	0.43	4.49	0.67	664	636	0.0137	0.0125	0.0112	0.0006	0.0052	0.0142	0.0025	0.0006	0.0001	0.0075	0.0440
80	2012	EXT	EB	AM	Ramp	0.54	0.68	7.92	1.05	1118	1070	0.0194	0.0177	0.0179	0.0009	0.0067	0.0196	0.0040	0.0009	0.0002	0.0093	0.0460
81	2012	EXT	EB	AM	Ramp	0.15	0.19	2.44	0.43	336	322	0.0082	0.0075	0.0049	0.0002	0.0023	0.0063	0.0011	0.0002	0.0001	0.0056	0.0200
82	2012	EXT	EB	AM	Ramp	0.16	0.20	2.23	0.26	325	310	0.0050	0.0046	0.0054	0.0003	0.0017	0.0054	0.0012	0.0003	0.0000	0.0018	0.0100
83	2012	EXT	EB	AM	Ramp	0.06	0.08	1.08	0.29	155	149	0.0059	0.0054	0.0020	0.0001	0.0013	0.0033	0.0004	0.0001	0.0000	0.0050	0.0138
84	2012	EXT	EB	AM	Ramp	0.14	0.18	2.98	0.38	352	337	0.0048	0.0044	0.0048	0.0003	0.0013	0.0044	0.0011	0.0002	0.0000	0.0022	0.0056
85	2012	EXT	EB	AM	Ramp	0.16	0.20	3.71	0.72	443	426	0.0112	0.0102	0.0053	0.0003	0.0024	0.0066	0.0012	0.0002	0.0001	0.0086	0.0198
86	2012	EXT	EB	AM	Ramp	0.28	0.34	5.36	0.99	684	657	0.0167	0.0153	0.0090	0.0004	0.0040	0.0111	0.0020	0.0004	0.0001	0.0121	0.0327
87	2012	EXT	EB	AM	Ramp	0.10	0.13	1.61	0.30	224	215	0.0060	0.0055	0.0033	0.0002	0.0017	0.0045	0.0007	0.0002	0.0000	0.0043	0.0157
88	2012	EXT	EB	AM	Ramp	0.13	0.16	2.59	0.51	331	318	0.0086	0.0079	0.0042	0.0002	0.0020	0.0055	0.0009	0.0002	0.0001	0.0065	0.0173
89	2012	EXT	EB	AM	Ramp	0.09	0.11	1.49	0.19	200	191	0.0032	0.0029	0.0030	0.0002	0.0010	0.0031	0.0007	0.0002	0.0000	0.0014	0.0057
90	2012	EXT	EB	AM	Ramp	0.10	0.12	1.45	0.43	225	217	0.0097	0.0089	0.0031	0.0001	0.0026	0.0062	0.0006	0.0001	0.0001	0.0083	0.0293
91	2012	EXT	EB	AM	Ramp	0.35	0.44	6.31	1.01	825	791	0.0172	0.0157	0.0115	0.0006	0.0044	0.0127	0.0026	0.0006	0.0001	0.0109	0.0306
92	2012	EXT	EB	AM	Ramp	0.11	0.13	1.60	0.37	234	225	0.0078	0.0071	0.0034	0.0002	0.0023	0.0057	0.0007	0.0002	0.0000	0.0061	0.0236
93	2012	EXT	EB	AM	Ramp	1.80	2.18	35.63	10.43	4906	4740	0.2026	0.1860	0.0559	0.0026	0.0408	0.0989	0.0118	0.0024	0.0011	0.1776	0.4293
94	2012	EXT	EB	AM	Ramp	0.77	0.96	15.37	2.71	1930	1852	0.0439	0.0402	0.0253	0.0013	0.0107	0.0300	0.0057	0.0012	0.0003	0.0308	0.0826
95	2012	EXT	EB	AM	Ramp	0.20	0.25	3.73	0.61	478	459	0.0100	0.0092	0.0065	0.0003	0.0025	0.0073	0.0015	0.0003	0.0001	0.0066	0.0180
96	2012	EXT	EB	AM	Ramp	0.26	0.32	6.35	0.96	705	675	0.0116	0.0106	0.0086	0.0004	0.0028	0.0086	0.0020	0.0004	0.0001	0.0073	0.0159

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
97	2012	EXT	EB	AM	Ramp	0.14	0.17	2.67	0.65	358	344	0.0120	0.0110	0.0044	0.0002	0.0027	0.0068	0.0010	0.0002	0.0001	0.0099	0.0261
98	2012	EXT	EB	AM	Ramp	0.07	0.09	1.50	0.37	198	191	0.0068	0.0062	0.0024	0.0001	0.0015	0.0037	0.0005	0.0001	0.0000	0.0056	0.0142
99	2012	EXT	EB	AM	Ramp	0.33	0.41	4.99	1.07	718	691	0.0221	0.0202	0.0105	0.0005	0.0065	0.0165	0.0023	0.0005	0.0001	0.0168	0.0646
100	2012	EXT	EB	AM	Ramp	0.30	0.37	6.20	0.98	755	724	0.0147	0.0134	0.0099	0.0005	0.0037	0.0108	0.0022	0.0005	0.0001	0.0095	0.0249
101	2012	EXT	EB	AM	Ramp																	
102	2012	EXT	EB	AM	Ramp																	
103	2012	EXT	EB	AM	Ramp	0.10	0.12	1.99	0.31	242	232	0.0046	0.0042	0.0032	0.0002	0.0012	0.0034	0.0007	0.0002	0.0000	0.0029	0.0076
104	2012	EXT	EB	AM	Ramp	0.36	0.46	5.44	0.80	765	733	0.0151	0.0138	0.0121	0.0006	0.0051	0.0143	0.0027	0.0006	0.0001	0.0084	0.0398
105	2012	EXT	EB	AM	Ramp	0.15	0.19	3.11	0.48	380	364	0.0071	0.0065	0.0050	0.0003	0.0018	0.0054	0.0011	0.0002	0.0001	0.0045	0.0118
106	2012	EXT	EB	AM	Ramp	0.07	0.08	0.90	0.11	133	127	0.0022	0.0020	0.0022	0.0001	0.0008	0.0024	0.0005	0.0001	0.0000	0.0009	0.0051
107	2012	EXT	EB	AM	Ramp																	
108	2012	EXT	EB	AM	Ramp																	
109	2012	EXT	EB	AM	Ramp	0.18	0.22	3.08	0.51	411	394	0.0091	0.0083	0.0058	0.0003	0.0024	0.0068	0.0013	0.0003	0.0001	0.0059	0.0184
110	2012	EXT	EB	AM	Ramp	0.46	0.59	7.37	0.94	1004	960	0.0161	0.0147	0.0156	0.0008	0.0052	0.0158	0.0035	0.0008	0.0001	0.0073	0.0309
111	2012	EXT	EB	AM	Ramp	0.13	0.16	2.40	0.41	312	299	0.0071	0.0065	0.0043	0.0002	0.0018	0.0050	0.0010	0.0002	0.0000	0.0048	0.0133
112	2012	EXT	EB	AM	Ramp	0.37	0.47	5.81	0.77	800	766	0.0137	0.0125	0.0125	0.0006	0.0045	0.0133	0.0028	0.0006	0.0001	0.0067	0.0296
113	2012	EXT	EB	AM	Ramp	0.12	0.15	2.52	0.38	305	292	0.0054	0.0050	0.0040	0.0002	0.0014	0.0042	0.0009	0.0002	0.0000	0.0033	0.0087
114	2012	EXT	EB	AM	Ramp	0.26	0.33	4.42	0.51	579	553	0.0077	0.0070	0.0087	0.0005	0.0024	0.0079	0.0020	0.0004	0.0001	0.0027	0.0097
115	2012	EXT	EB	AM	Ramp	0.22	0.27	4.36	0.60	535	512	0.0086	0.0079	0.0073	0.0004	0.0023	0.0072	0.0017	0.0004	0.0001	0.0046	0.0123
116	2012	EXT	EB	AM	Ramp	0.12	0.16	2.17	0.29	283	271	0.0046	0.0042	0.0042	0.0002	0.0014	0.0042	0.0009	0.0002	0.0000	0.0023	0.0078
117	2012	EXT	EB	AM	Ramp	0.13	0.16	2.59	0.41	323	310	0.0064	0.0059	0.0044	0.0002	0.0016	0.0048	0.0010	0.0002	0.0000	0.0041	0.0111
118	2012	EXT	EB	AM	Ramp	0.09	0.11	1.52	0.19	195	187	0.0029	0.0026	0.0029	0.0001	0.0008	0.0027	0.0007	0.0001	0.0000	0.0013	0.0041
119	2012	EXT	EB	AM	Ramp	0.14	0.17	2.95	0.42	350	335	0.0056	0.0051	0.0046	0.0002	0.0015	0.0046	0.0011	0.0002	0.0000	0.0032	0.0081
120	2012	EXT	EB	AM	Ramp	0.09	0.11	1.54	0.19	198	189	0.0029	0.0027	0.0029	0.0002	0.0009	0.0027	0.0007	0.0001	0.0000	0.0013	0.0041
121	2012	EXT	EB	AM	Ramp	0.20	0.24	4.68	0.76	529	507	0.0099	0.0091	0.0064	0.0003	0.0023	0.0068	0.0015	0.0003	0.0001	0.0067	0.0149
122	2012	EXT	EB	AM	Ramp	2.26	2.80	48.56	7.86	5797	5557	0.1139	0.1041	0.0743	0.0038	0.0279	0.0815	0.0168	0.0035	0.0008	0.0754	0.1916
123	2012	EXT	EB	AM	Ramp	1.25	1.53	27.54	5.22	3318	3187	0.0814	0.0745	0.0405	0.0020	0.0182	0.0502	0.0090	0.0018	0.0005	0.0613	0.1480
124	2012	EXT	EB	AM	Ramp	0.32	0.41	3.66	0.44	591	565	0.0102	0.0093	0.0109	0.0006	0.0039	0.0116	0.0025	0.0006	0.0001	0.0036	0.0261
125	2012	EXT	EB	AM	Ramp	0.28	0.35	4.58	0.62	616	589	0.0105	0.0096	0.0093	0.0005	0.0033	0.0098	0.0021	0.0005	0.0001	0.0053	0.0209
126	2012	EXT	EB	AM	Ramp	0.07	0.08	1.13	0.16	150	143	0.0027	0.0024	0.0022	0.0001	0.0008	0.0024	0.0005	0.0001	0.0000	0.0014	0.0053
127	2012	EXT	EB	AM	Ramp	0.65	0.83	8.24	1.06	1256	1201	0.0223	0.0203	0.0219	0.0011	0.0085	0.0246	0.0049	0.0011	0.0002	0.0096	0.0614
128	2012	EXT	EB	AM	Ramp	0.01	0.01	0.27	0.04	30	29	0.0004	0.0004	0.0004	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0002	0.0005
129	2012	EXT	EB	AM	Ramp	0.37	0.46	6.60	0.93	855	818	0.0150	0.0137	0.0123	0.0006	0.0041	0.0126	0.0028	0.0006	0.0001	0.0083	0.0251
130	2012	EXT	EB	AM	Ramp	0.15	0.19	3.38	0.50	394	377	0.0066	0.0060	0.0051	0.0003	0.0017	0.0051	0.0012	0.0002	0.0001	0.0039	0.0098
131	2012	EXT	EB	AM	Ramp	0.45	0.56	8.66	1.24	1084	1038	0.0187	0.0170	0.0150	0.0008	0.0049	0.0151	0.0034	0.0007	0.0001	0.0105	0.0285
132	2012	EXT	EB	AM	Ramp	0.04	0.05	0.92	0.15	109	104	0.0022	0.0020	0.0014	0.0001	0.0005	0.0015	0.0003	0.0001	0.0000	0.0015	0.0038
133	2012	EXT	EB	AM	Ramp	0.45	0.56	8.54	1.15	1063	1018	0.0167	0.0152	0.0149	0.0008	0.0045	0.0143	0.0034	0.0007	0.0001	0.0085	0.0228
134	2012	EXT	EB	AM	Ramp	0.52	0.65	11.66	1.91	1369	1312	0.0270	0.0246	0.0172	0.0009	0.0065	0.0189	0.0039	0.0008	0.0002	0.0182	0.0447
135	2012	EXT	EB	AM	Ramp	0.38	0.47	7.10	0.99	898	860	0.0151	0.0138	0.0126	0.0007	0.0040	0.0125	0.0029	0.0006	0.0001	0.0081	0.0222
136	2012	EXT	EB	AM	Ramp	0.02	0.03	0.39	0.06	52	50	0.0010	0.0010	0.0007	0.0000	0.0003	0.0008	0.0002	0.0000	0.0000	0.0006	0.0020
137	2012	EXT	EB	AM	Ramp	1.98	2.41	36.80	10.86	5203	5027	0.2155	0.1978	0.0617	0.0028	0.0458	0.1106	0.0130	0.0027	0.0012	0.1875	0.4854
138	2012	EXT	EB	AM	Ramp	0.28	0.36	3.44	0.42	535	512	0.0090	0.0082	0.0095	0.0005	0.0034	0.0101	0.0022	0.0005	0.0001	0.0034	0.0224
139	2012	EXT	EB	AM	Ramp	0.10	0.12	1.82	0.24	233	223	0.0038	0.0034	0.0033	0.0002	0.0010	0.0033	0.0008	0.0002	0.0000	0.0019	0.0056
140	2012	EXT	EB	AM	Ramp	0.39	0.48	7.95	1.06	951	910	0.0141	0.0129	0.0129	0.0007	0.0038	0.0122	0.0029	0.0006	0.0001	0.0071	0.0186
141	2012	EXT	EB	AM	Ramp	0.05	0.07	1.25	0.16	139	133	0.0017	0.0016	0.0018	0.0001	0.0005	0.0016	0.0004	0.0001	0.0000	0.0008	0.0018
142	2012	EXT	EB	AM	Ramp	0.08	0.09	1.84	0.27	204	195	0.0032	0.0029	0.0025	0.0001	0.0008	0.0025	0.0006	0.0001	0.0000	0.0020	0.0043
143	2012	EXT	EB	AM	Ramp	0.06	0.07	1.28	0.17	143	137	0.0018	0.0017	0.0018	0.0001	0.0005	0.0017	0.0004	0.0001	0.0000	0.0009	0.0020
144	2012	EXT	EB	AM	HOV	0.30	0.37	8.06	0.99	830	793	0.0061	0.0055	0.0101	0.0005	0.0021	0.0079	0.0024	0.0004	0.0001	0.0011	0.0018

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
145	2012	EXT	EB	AM	HOV	0.80	0.98	21.28	2.60	2192	2093	0.0162	0.0146	0.0267	0.0014	0.0057	0.0210	0.0062	0.0012	0.0002	0.0030	0.0046
146	2012	EXT	EB	AM	HOV	0.03	0.04	0.92	0.11	95	90	0.0007	0.0006	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
147	2012	EXT	EB	AM	HOV	0.68	0.83	17.99	2.20	1853	1770	0.0137	0.0124	0.0225	0.0012	0.0048	0.0177	0.0052	0.0010	0.0001	0.0025	0.0039
148	2012	EXT	EB	AM	HOV	0.25	0.30	6.54	0.80	674	644	0.0050	0.0045	0.0082	0.0004	0.0017	0.0064	0.0019	0.0004	0.0001	0.0009	0.0014
149	2012	EXT	EB	AM	HOV	0.84	1.02	22.22	2.66	2284	2181	0.0171	0.0154	0.0279	0.0015	0.0059	0.0219	0.0065	0.0012	0.0002	0.0031	0.0050
150	2012	EXT	EB	AM	HOV	0.63	0.77	16.66	1.99	1713	1635	0.0128	0.0116	0.0209	0.0011	0.0044	0.0164	0.0049	0.0009	0.0001	0.0023	0.0037
151	2012	EXT	EB	AM	HOV	0.85	1.03	22.49	2.69	2312	2208	0.0173	0.0156	0.0282	0.0015	0.0060	0.0222	0.0066	0.0013	0.0002	0.0032	0.0050
152	2012	EXT	EB	AM	HOV	0.67	0.82	17.85	2.14	1835	1752	0.0137	0.0124	0.0224	0.0012	0.0048	0.0176	0.0052	0.0010	0.0002	0.0025	0.0040
153	2012	EXT	EB	AM	HOV	0.91	1.12	23.60	2.74	2447	2337	0.0190	0.0172	0.0304	0.0016	0.0064	0.0239	0.0071	0.0014	0.0002	0.0034	0.0057
154	2012	EXT	EB	AM	HOV	0.52	0.64	13.53	1.57	1402	1339	0.0109	0.0099	0.0174	0.0009	0.0037	0.0137	0.0040	0.0008	0.0001	0.0019	0.0032
155	2012	EXT	EB	AM	HOV	0.39	0.48	10.05	1.17	1042	995	0.0081	0.0073	0.0129	0.0007	0.0027	0.0102	0.0030	0.0006	0.0001	0.0014	0.0024
156	2012	EXT	EB	AM	HOV	0.29	0.35	7.59	0.93	782	746	0.0058	0.0052	0.0095	0.0005	0.0020	0.0075	0.0022	0.0004	0.0001	0.0011	0.0017
157	2012	EXT	EB	AM	HOV	0.50	0.61	13.35	1.63	1375	1313	0.0102	0.0092	0.0167	0.0009	0.0036	0.0132	0.0039	0.0007	0.0001	0.0019	0.0029
158	2012	EXT	EB	AM	HOV	0.70	0.86	17.41	1.97	1843	1760	0.0150	0.0136	0.0235	0.0013	0.0050	0.0184	0.0055	0.0011	0.0002	0.0025	0.0045
159	2012	EXT	EB	AM	HOV	0.94	1.18	17.28	1.77	2156	2059	0.0215	0.0195	0.0318	0.0017	0.0067	0.0249	0.0074	0.0016	0.0002	0.0031	0.0066
160	2012	EXT	EB	AM	HOV	1.74	2.20	32.20	3.29	4018	3837	0.0400	0.0363	0.0593	0.0032	0.0124	0.0464	0.0137	0.0030	0.0004	0.0058	0.0122
161	2012	EXT	EB	AM	HOV																	
162	2012	EXT	EB	AM	HOV																	
163	2012	EXT	EB	AM	HOV																	
164	2012	EXT	EB	AM	HOV																	
165	2012	EXT	EB	AM	HOV																	
166	2012	EXT	EB	AM	HOV																	
167	2012	EXT	EB	AM	HOV																	
168	2012	EXT	EB	AM	HOV																	
169	2012	EXT	EB	AM	HOV																	
170	2012	EXT	EB	AM	HOV																	
171	2012	EXT	EB	AM	HOV																	
172	2012	EXT	EB	AM	HOV																	
173	2012	EXT	EB	AM	HOV																	
174	2012	EXT	EB	AM	HOV																	
175	2012	EXT	EB	AM	HOV																	
176	2012	EXT	EB	AM	HOV																	
177	2012	EXT	EB	AM	HOV																	
178	2012	EXT	EB	AM	HOV																	
179	2012	EXT	EB	AM	HOV																	
180	2012	EXT	EB	AM	HOV																	
181	2012	EXT	EB	AM	HOV																	
182	2012	EXT	EB	AM	HOV																	
183	2012	EXT	EB	AM	HOV																	
184	2012	EXT	EB	AM	HOV																	
185	2012	EXT	EB	AM	HOV																	
186	2012	EXT	EB	AM	HOV																	
187	2012	EXT	EB	AM	HOV																	
188	2012	EXT	EB	AM	HOV																	
189	2012	EXT	EB	AM	HOV																	
190	2012	EXT	EB	AM	HOV																	
191	2012	EXT	EB	AM	HOV																	
192	2012	EXT	EB	AM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
193	2012	EXT	EB	AM	HOV																	
194	2012	EXT	EB	AM	HOV																	
195	2012	EXT	EB	AM	HOV																	
196	2012	EXT	EB	AM	HOV																	
197	2012	EXT	EB	AM	HOV																	
198	2012	EXT	EB	AM	HOV																	
199	2012	EXT	EB	AM	HOV																	
200	2012	EXT	EB	AM	HOV																	
201	2012	EXT	EB	AM	HOV																	
202	2012	EXT	EB	AM	HOV																	
203	2012	EXT	EB	AM	HOV																	
204	2012	EXT	EB	AM	HOV																	
205	2012	EXT	EB	AM	HOV																	
206	2012	EXT	EB	AM	HOV																	
207	2012	EXT	EB	AM	HOV																	
208	2012	EXT	EB	AM	HOV																	
209	2012	EXT	EB	AM	HOV																	
210	2012	EXT	EB	AM	HOV																	
211	2012	EXT	EB	AM	HOV																	
212	2012	EXT	EB	AM	HOV																	
213	2012	EXT	EB	AM	HOV																	
214	2012	EXT	EB	AM	HOV																	
215	2012	EXT	EB	AM	HOV																	
1	2012	EXT	EB	MD	Mainline	2.79	3.32	57.24	22.39	8641	8373	0.7067	0.6494	0.0863	0.0039	0.0638	0.1539	0.0183	0.0037	0.0033	0.6745	0.6659
2	2012	EXT	EB	MD	Mainline	6.92	8.22	139.47	57.58	21505	20857	1.8814	1.7290	0.2129	0.0096	0.1651	0.3945	0.0449	0.0092	0.0087	1.8035	1.7544
3	2012	EXT	EB	MD	Mainline	0.32	0.39	6.53	2.61	991	961	0.0862	0.0793	0.0100	0.0005	0.0075	0.0180	0.0021	0.0004	0.0004	0.0826	0.0785
4	2012	EXT	EB	MD	Mainline	5.58	6.63	110.70	48.32	17465	16953	1.6236	1.4922	0.1708	0.0076	0.1393	0.3295	0.0357	0.0074	0.0075	1.5623	1.5061
5	2012	EXT	EB	MD	Mainline	2.28	2.71	45.63	18.47	6966	6754	0.6151	0.5652	0.0702	0.0032	0.0531	0.1276	0.0149	0.0030	0.0028	0.5894	0.5594
6	2012	EXT	EB	MD	Mainline	6.03	7.15	118.49	53.20	18914	18367	1.8122	1.6656	0.1839	0.0081	0.1537	0.3618	0.0383	0.0080	0.0083	1.7468	1.6759
7	2012	EXT	EB	MD	Mainline	4.99	5.93	100.79	41.52	15531	15062	1.3504	1.2410	0.1536	0.0069	0.1189	0.2843	0.0324	0.0066	0.0062	1.2941	1.2634
8	2012	EXT	EB	MD	Mainline	6.01	7.12	117.75	53.32	18864	18321	1.8253	1.6778	0.1831	0.0081	0.1542	0.3625	0.0381	0.0080	0.0083	1.7604	1.6854
9	2012	EXT	EB	MD	Mainline	5.10	6.06	101.75	43.57	15926	15454	1.4496	1.3323	0.1564	0.0070	0.1254	0.2975	0.0328	0.0068	0.0067	1.3931	1.3477
10	2012	EXT	EB	MD	Mainline	5.01	5.94	96.92	46.00	15841	15396	1.6094	1.4794	0.1521	0.0066	0.1336	0.3114	0.0314	0.0067	0.0073	1.5564	1.4785
11	2012	EXT	EB	MD	Mainline	3.14	3.72	62.20	27.00	9788	9500	0.9089	0.8353	0.0961	0.0043	0.0779	0.1844	0.0201	0.0042	0.0042	0.8744	0.8401
12	2012	EXT	EB	MD	Mainline	2.07	2.45	40.58	18.00	6436	6249	0.6187	0.5686	0.0632	0.0028	0.0521	0.1229	0.0132	0.0027	0.0028	0.5962	0.5650
13	2012	EXT	EB	MD	Mainline	1.95	2.31	38.86	15.20	5841	5660	0.5147	0.4730	0.0603	0.0028	0.0439	0.1063	0.0128	0.0026	0.0024	0.4927	0.4553
14	2012	EXT	EB	MD	Mainline	3.14	3.72	62.62	24.90	9479	9187	0.8400	0.7719	0.0970	0.0044	0.0719	0.1733	0.0206	0.0041	0.0039	0.8047	0.7501
15	2012	EXT	EB	MD	Mainline	4.18	4.97	85.73	31.64	12624	12221	1.0063	0.9247	0.1300	0.0060	0.0903	0.2209	0.0278	0.0055	0.0047	0.9577	0.9189
16	2012	EXT	EB	MD	Mainline	2.29	2.72	46.12	18.33	6992	6777	0.6038	0.5549	0.0707	0.0032	0.0527	0.1269	0.0150	0.0030	0.0028	0.5778	0.5510
17	2012	EXT	EB	MD	Mainline	3.79	4.50	76.46	31.19	11728	11372	1.0179	0.9355	0.1167	0.0053	0.0894	0.2142	0.0246	0.0050	0.0047	0.9751	0.9460
18	2012	EXT	EB	MD	Mainline	4.40	5.26	97.43	27.27	12942	12480	0.7002	0.6428	0.1397	0.0068	0.0750	0.1956	0.0308	0.0058	0.0035	0.6435	0.6707
19	2012	EXT	EB	MD	Mainline	3.44	4.12	75.74	20.69	10019	9657	0.5418	0.4974	0.1096	0.0054	0.0569	0.1497	0.0242	0.0045	0.0027	0.4975	0.4976
20	2012	EXT	EB	MD	Mainline	7.11	8.50	156.45	43.80	20829	20084	1.1477	1.0537	0.2258	0.0110	0.1206	0.3150	0.0498	0.0094	0.0056	1.0566	1.0750
21	2012	EXT	EB	MD	Mainline	0.78	0.94	17.16	4.69	2273	2191	0.1244	0.1142	0.0249	0.0012	0.0129	0.0340	0.0055	0.0010	0.0006	0.1144	0.1129
22	2012	EXT	EB	MD	Mainline	2.90	3.47	63.41	17.10	8363	8059	0.4544	0.4172	0.0925	0.0046	0.0472	0.1249	0.0205	0.0038	0.0022	0.4172	0.4081
23	2012	EXT	EB	MD	Mainline	6.94	8.29	152.67	41.18	20125	19394	1.0748	0.9867	0.2210	0.0109	0.1131	0.2989	0.0490	0.0091	0.0053	0.9855	0.9800
24	2012	EXT	EB	MD	Mainline	2.45	2.93	54.77	14.48	7142	6882	0.3591	0.3296	0.0782	0.0039	0.0395	0.1048	0.0173	0.0032	0.0018	0.3271	0.3402
25	2012	EXT	EB	MD	Mainline	1.71	2.04	37.71	9.77	4910	4729	0.2499	0.2294	0.0546	0.0027	0.0268	0.0716	0.0121	0.0022	0.0012	0.2278	0.2249

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
26	2012	EXT	EB	MD	Mainline	15.13	18.07	331.42	81.76	42534	40938	2.0838	1.9124	0.4849	0.0242	0.2253	0.6121	0.1084	0.0197	0.0105	1.8876	1.8149
27	2012	EXT	EB	MD	Mainline	11.34	13.55	249.28	61.47	31985	30785	1.5543	1.4264	0.3634	0.0182	0.1689	0.4588	0.0812	0.0148	0.0078	1.4068	1.3616
28	2012	EXT	EB	MD	Mainline	6.78	8.09	148.38	35.49	18876	18160	0.8924	0.8189	0.2176	0.0109	0.0978	0.2685	0.0488	0.0088	0.0045	0.8042	0.7670
29	2012	EXT	EB	MD	Mainline	4.33	5.18	95.77	22.66	12140	11678	0.5555	0.5097	0.1393	0.0070	0.0620	0.1707	0.0312	0.0056	0.0028	0.4986	0.4823
30	2012	EXT	EB	MD	Mainline																	
31	2012	EXT	EB	MD	Mainline																	
32	2012	EXT	EB	MD	Mainline	6.04	7.21	132.16	31.79	16839	16202	0.8014	0.7354	0.1938	0.0097	0.0876	0.2400	0.0434	0.0078	0.0041	0.7229	0.6905
33	2012	EXT	EB	MD	Mainline	5.59	6.69	123.52	29.44	15691	15095	0.7256	0.6658	0.1797	0.0090	0.0806	0.2214	0.0403	0.0073	0.0037	0.6524	0.6312
34	2012	EXT	EB	MD	Mainline	6.30	7.53	138.76	34.55	17853	17185	0.8727	0.8009	0.2017	0.0101	0.0947	0.2566	0.0450	0.0082	0.0044	0.7907	0.7706
35	2012	EXT	EB	MD	Mainline	3.37	4.03	75.47	17.98	9575	9211	0.4282	0.3929	0.1081	0.0054	0.0486	0.1335	0.0242	0.0044	0.0022	0.3836	0.3825
36	2012	EXT	EB	MD	Mainline																	
37	2012	EXT	EB	MD	Mainline																	
38	2012	EXT	EB	MD	Mainline	8.54	10.21	189.45	45.50	24112	23199	1.1129	1.0212	0.2741	0.0137	0.1240	0.3397	0.0614	0.0112	0.0057	1.0008	0.9793
39	2012	EXT	EB	MD	Mainline	8.47	10.13	189.75	44.73	24009	23094	1.0617	0.9741	0.2722	0.0137	0.1209	0.3332	0.0610	0.0111	0.0054	0.9494	0.9413
40	2012	EXT	EB	MD	Mainline	5.87	7.01	128.39	29.93	16217	15597	0.7450	0.6835	0.1889	0.0095	0.0826	0.2287	0.0424	0.0076	0.0038	0.6685	0.6320
41	2012	EXT	EB	MD	Mainline	2.08	2.49	46.74	10.79	5879	5653	0.2528	0.2319	0.0671	0.0034	0.0291	0.0809	0.0151	0.0027	0.0013	0.2250	0.2222
42	2012	EXT	EB	MD	Mainline	6.55	7.83	145.72	34.13	18412	17709	0.8200	0.7523	0.2107	0.0106	0.0928	0.2564	0.0473	0.0086	0.0042	0.7336	0.7166
43	2012	EXT	EB	MD	Mainline	2.70	3.24	60.63	13.92	7615	7322	0.3252	0.2983	0.0871	0.0044	0.0376	0.1045	0.0196	0.0035	0.0017	0.2892	0.2852
44	2012	EXT	EB	MD	Mainline	6.91	8.27	153.86	35.71	19390	18647	0.8519	0.7816	0.2224	0.0112	0.0970	0.2688	0.0499	0.0090	0.0044	0.7606	0.7427
45	2012	EXT	EB	MD	Mainline	1.83	2.19	40.84	9.41	5135	4938	0.2215	0.2032	0.0588	0.0030	0.0255	0.0707	0.0132	0.0024	0.0011	0.1972	0.1937
46	2012	EXT	EB	MD	Mainline	5.11	6.11	113.43	26.26	14287	13739	0.6286	0.5767	0.1643	0.0083	0.0715	0.1982	0.0369	0.0067	0.0032	0.5612	0.5456
47	2012	EXT	EB	MD	Mainline	0.29	0.35	6.47	1.46	809	778	0.0349	0.0321	0.0095	0.0005	0.0040	0.0112	0.0021	0.0004	0.0002	0.0311	0.0296
48	2012	EXT	EB	MD	Mainline	6.06	7.24	133.02	30.30	16691	16048	0.7369	0.6760	0.1951	0.0099	0.0833	0.2323	0.0439	0.0078	0.0038	0.6574	0.6236
49	2012	EXT	EB	MD	Mainline	0.49	0.59	10.92	2.47	1366	1313	0.0586	0.0538	0.0159	0.0008	0.0067	0.0188	0.0036	0.0006	0.0003	0.0521	0.0501
50	2012	EXT	EB	MD	Mainline	8.21	9.82	182.38	42.47	23009	22128	1.0204	0.9362	0.2642	0.0133	0.1157	0.3200	0.0593	0.0107	0.0052	0.9121	0.8874
51	2012	EXT	EB	MD	Mainline	1.32	1.58	29.63	6.80	3720	3577	0.1582	0.1451	0.0425	0.0021	0.0183	0.0510	0.0096	0.0017	0.0008	0.1406	0.1390
52	2012	EXT	EB	MD	Mainline	1.92	2.30	43.29	9.96	5438	5229	0.2310	0.2119	0.0619	0.0031	0.0268	0.0745	0.0139	0.0025	0.0012	0.2054	0.2041
53	2012	EXT	EB	MD	Mainline	1.44	1.73	32.53	7.73	4113	3957	0.1802	0.1654	0.0463	0.0023	0.0208	0.0572	0.0104	0.0019	0.0009	0.1610	0.1639
54	2012	EXT	EB	MD	Mainline	7.62	9.13	174.40	42.29	22030	21201	0.9508	0.8723	0.2442	0.0122	0.1134	0.3084	0.0545	0.0101	0.0049	0.8484	0.9190
55	2012	EXT	EB	MD	Mainline	3.73	4.47	84.15	19.91	10629	10225	0.4637	0.4254	0.1198	0.0060	0.0536	0.1475	0.0268	0.0049	0.0024	0.4140	0.4207
56	2012	EXT	EB	MD	Mainline	9.25	11.08	210.06	51.45	26688	25686	1.1893	1.0912	0.2964	0.0148	0.1386	0.3761	0.0661	0.0122	0.0061	1.0658	1.1281
57	2012	EXT	EB	MD	Mainline	2.68	3.21	59.65	14.15	7564	7276	0.3420	0.3137	0.0861	0.0043	0.0385	0.1058	0.0193	0.0035	0.0017	0.3066	0.3006
58	2012	EXT	EB	MD	Mainline	9.59	11.46	211.41	50.65	26897	25878	1.2553	1.1518	0.3079	0.0154	0.1388	0.3806	0.0690	0.0125	0.0064	1.1299	1.0919
59	2012	EXT	EB	MD	Mainline	2.36	2.82	52.47	12.30	6631	6378	0.2949	0.2705	0.0757	0.0038	0.0334	0.0923	0.0170	0.0031	0.0015	0.2638	0.2584
60	2012	EXT	EB	MD	Mainline	10.24	12.24	226.45	53.38	28675	27583	1.3044	1.1967	0.3293	0.0166	0.1460	0.4023	0.0739	0.0133	0.0067	1.1699	1.1318
61	2012	EXT	EB	MD	Mainline	2.29	2.73	50.04	11.57	6306	6065	0.2859	0.2623	0.0736	0.0037	0.0319	0.0885	0.0165	0.0030	0.0015	0.2561	0.2423
62	2012	EXT	EB	MD	Mainline	4.69	5.60	102.01	24.14	12942	12450	0.6130	0.5624	0.1508	0.0076	0.0669	0.1844	0.0338	0.0061	0.0031	0.5521	0.5185
63	2012	EXT	EB	MD	Mainline	1.83	2.19	39.77	9.79	5103	4911	0.2541	0.2332	0.0587	0.0029	0.0272	0.0739	0.0131	0.0024	0.0013	0.2305	0.2180
64	2012	EXT	EB	MD	Mainline	5.77	6.89	125.73	32.25	16326	15722	0.8461	0.7766	0.1846	0.0092	0.0892	0.2396	0.0411	0.0075	0.0042	0.7719	0.7413
65	2012	EXT	EB	MD	Mainline	1.87	2.24	41.05	10.28	5291	5094	0.2629	0.2413	0.0599	0.0030	0.0283	0.0765	0.0134	0.0024	0.0013	0.2386	0.2308
66	2012	EXT	EB	MD	Mainline	0.62	0.74	13.46	3.71	1788	1724	0.1010	0.0928	0.0198	0.0010	0.0103	0.0271	0.0044	0.0008	0.0005	0.0932	0.0904
67	2012	EXT	EB	MD	Mainline	10.37	12.38	223.61	66.45	30449	29384	1.8579	1.7061	0.3280	0.0159	0.1849	0.4759	0.0720	0.0136	0.0090	1.7281	1.7001
68	2012	EXT	EB	MD	Mainline	3.24	3.87	70.47	20.48	9521	9185	0.5601	0.5143	0.1027	0.0050	0.0567	0.1468	0.0226	0.0043	0.0027	0.5191	0.5156
69	2012	EXT	EB	MD	Mainline	7.38	8.80	155.73	50.00	21781	21042	1.4848	1.3638	0.2321	0.0111	0.1409	0.3559	0.0505	0.0097	0.0071	1.3949	1.3478
70	2012	EXT	EB	MD	Mainline	4.60	5.48	96.54	29.81	13312	12853	0.8917	0.8190	0.1451	0.0070	0.0844	0.2154	0.0318	0.0060	0.0043	0.8356	0.7880
71	2012	EXT	EB	MD	Mainline	6.10	7.26	126.48	40.91	17719	17120	1.2642	1.1613	0.1917	0.0091	0.1165	0.2941	0.0417	0.0080	0.0060	1.1910	1.1133
72	2012	EXT	EB	MD	Mainline	6.64	8.14	75.32	22.46	12227	11801	0.5344	0.4904	0.2017	0.0083	0.2070	0.4705	0.0402	0.0084	0.0030	0.4452	2.4167
73	2012	EXT	EB	MD	Ramp	0.28	0.35	5.20	0.79	664	636	0.0128	0.0117	0.0092	0.0005	0.0033	0.0098	0.0021	0.0004	0.0001	0.0078	0.0215

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
74	2012	EXT	EB	MD	Ramp	0.15	0.19	2.31	0.51	334	321	0.0106	0.0097	0.0049	0.0002	0.0031	0.0077	0.0010	0.0002	0.0001	0.0082	0.0307
75	2012	EXT	EB	MD	Ramp	0.31	0.39	5.09	0.80	692	663	0.0144	0.0132	0.0103	0.0005	0.0043	0.0122	0.0023	0.0005	0.0001	0.0089	0.0335
76	2012	EXT	EB	MD	Ramp	0.43	0.53	6.44	1.03	904	866	0.0198	0.0181	0.0139	0.0007	0.0065	0.0177	0.0031	0.0007	0.0001	0.0123	0.0545
77	2012	EXT	EB	MD	Ramp	0.38	0.48	6.22	1.05	851	817	0.0196	0.0179	0.0125	0.0006	0.0057	0.0157	0.0028	0.0006	0.0001	0.0129	0.0476
78	2012	EXT	EB	MD	Ramp	0.41	0.52	5.62	0.92	823	788	0.0188	0.0172	0.0134	0.0007	0.0069	0.0184	0.0030	0.0007	0.0001	0.0116	0.0624
79	2012	EXT	EB	MD	Ramp	0.58	0.73	7.95	1.37	1166	1119	0.0284	0.0260	0.0190	0.0009	0.0105	0.0272	0.0041	0.0009	0.0002	0.0184	0.0975
80	2012	EXT	EB	MD	Ramp	0.63	0.78	9.64	1.66	1349	1294	0.0323	0.0295	0.0204	0.0010	0.0101	0.0271	0.0045	0.0010	0.0002	0.0214	0.0888
81	2012	EXT	EB	MD	Ramp	0.24	0.29	3.99	0.89	560	539	0.0175	0.0161	0.0076	0.0004	0.0042	0.0109	0.0017	0.0004	0.0001	0.0137	0.0389
82	2012	EXT	EB	MD	Ramp	0.16	0.21	2.57	0.35	352	337	0.0063	0.0057	0.0054	0.0003	0.0020	0.0059	0.0012	0.0003	0.0001	0.0033	0.0139
83	2012	EXT	EB	MD	Ramp	0.31	0.38	3.98	1.30	643	621	0.0304	0.0279	0.0094	0.0004	0.0093	0.0214	0.0019	0.0004	0.0002	0.0262	0.1081
84	2012	EXT	EB	MD	Ramp	0.21	0.26	4.44	0.67	531	508	0.0094	0.0086	0.0070	0.0004	0.0024	0.0072	0.0016	0.0003	0.0001	0.0057	0.0149
85	2012	EXT	EB	MD	Ramp	0.22	0.27	4.38	1.43	621	601	0.0288	0.0265	0.0068	0.0003	0.0054	0.0129	0.0014	0.0003	0.0001	0.0259	0.0590
86	2012	EXT	EB	MD	Ramp	0.62	0.76	11.47	2.41	1524	1465	0.0439	0.0403	0.0199	0.0010	0.0103	0.0272	0.0044	0.0009	0.0003	0.0339	0.0928
87	2012	EXT	EB	MD	Ramp	0.23	0.28	3.34	0.86	500	482	0.0187	0.0172	0.0072	0.0003	0.0054	0.0130	0.0015	0.0003	0.0001	0.0153	0.0577
88	2012	EXT	EB	MD	Ramp	0.17	0.21	3.18	0.97	457	441	0.0196	0.0180	0.0054	0.0002	0.0042	0.0100	0.0011	0.0002	0.0001	0.0171	0.0448
89	2012	EXT	EB	MD	Ramp	0.25	0.32	3.99	0.51	547	523	0.0090	0.0082	0.0085	0.0004	0.0029	0.0088	0.0019	0.0004	0.0001	0.0041	0.0181
90	2012	EXT	EB	MD	Ramp	0.63	0.79	9.17	1.60	1316	1262	0.0324	0.0297	0.0205	0.0010	0.0110	0.0287	0.0045	0.0010	0.0002	0.0216	0.1005
91	2012	EXT	EB	MD	Ramp	0.51	0.64	9.46	1.92	1259	1210	0.0350	0.0321	0.0167	0.0008	0.0083	0.0222	0.0037	0.0008	0.0002	0.0265	0.0731
92	2012	EXT	EB	MD	Ramp	0.58	0.72	7.71	1.46	1144	1099	0.0312	0.0286	0.0186	0.0009	0.0115	0.0290	0.0040	0.0009	0.0002	0.0216	0.1142
93	2012	EXT	EB	MD	Ramp	4.35	5.31	87.55	23.20	11709	11296	0.4342	0.3984	0.1369	0.0064	0.0906	0.2247	0.0293	0.0060	0.0024	0.3711	0.9182
94	2012	EXT	EB	MD	Ramp	1.20	1.47	22.96	5.91	3121	3009	0.1124	0.1031	0.0380	0.0018	0.0246	0.0613	0.0082	0.0017	0.0006	0.0945	0.2469
95	2012	EXT	EB	MD	Ramp	0.28	0.34	5.49	1.10	705	678	0.0191	0.0175	0.0090	0.0004	0.0045	0.0119	0.0020	0.0004	0.0001	0.0145	0.0388
96	2012	EXT	EB	MD	Ramp	0.44	0.53	10.49	1.70	1183	1133	0.0221	0.0202	0.0143	0.0007	0.0051	0.0152	0.0032	0.0007	0.0002	0.0149	0.0327
97	2012	EXT	EB	MD	Ramp	0.22	0.27	3.75	1.49	595	577	0.0320	0.0294	0.0067	0.0003	0.0066	0.0151	0.0014	0.0003	0.0002	0.0292	0.0762
98	2012	EXT	EB	MD	Ramp	0.25	0.30	5.05	1.08	643	619	0.0187	0.0172	0.0079	0.0004	0.0042	0.0110	0.0017	0.0004	0.0001	0.0149	0.0378
99	2012	EXT	EB	MD	Ramp	0.54	0.66	8.53	2.22	1256	1210	0.0468	0.0429	0.0170	0.0008	0.0114	0.0281	0.0036	0.0008	0.0003	0.0385	0.1161
100	2012	EXT	EB	MD	Ramp	0.52	0.64	10.49	1.95	1315	1262	0.0319	0.0292	0.0169	0.0008	0.0076	0.0209	0.0038	0.0008	0.0002	0.0233	0.0614
101	2012	EXT	EB	MD	Ramp																	
102	2012	EXT	EB	MD	Ramp																	
103	2012	EXT	EB	MD	Ramp	0.21	0.26	4.15	0.70	518	496	0.0111	0.0101	0.0068	0.0003	0.0027	0.0078	0.0015	0.0003	0.0001	0.0075	0.0201
104	2012	EXT	EB	MD	Ramp	0.56	0.70	8.41	1.47	1190	1142	0.0292	0.0267	0.0182	0.0009	0.0094	0.0249	0.0040	0.0009	0.0002	0.0195	0.0847
105	2012	EXT	EB	MD	Ramp	0.32	0.40	6.38	1.09	799	767	0.0174	0.0159	0.0106	0.0005	0.0043	0.0122	0.0024	0.0005	0.0001	0.0119	0.0320
106	2012	EXT	EB	MD	Ramp	0.12	0.15	1.62	0.21	235	225	0.0041	0.0038	0.0039	0.0002	0.0015	0.0043	0.0009	0.0002	0.0000	0.0019	0.0106
107	2012	EXT	EB	MD	Ramp																	
108	2012	EXT	EB	MD	Ramp																	
109	2012	EXT	EB	MD	Ramp	0.40	0.50	6.64	1.20	912	875	0.0227	0.0208	0.0132	0.0007	0.0064	0.0172	0.0029	0.0006	0.0002	0.0157	0.0549
110	2012	EXT	EB	MD	Ramp	0.73	0.92	11.67	1.71	1593	1526	0.0307	0.0280	0.0242	0.0012	0.0096	0.0276	0.0054	0.0012	0.0002	0.0174	0.0711
111	2012	EXT	EB	MD	Ramp	0.24	0.30	4.48	0.87	594	571	0.0158	0.0144	0.0079	0.0004	0.0038	0.0103	0.0018	0.0004	0.0001	0.0117	0.0323
112	2012	EXT	EB	MD	Ramp	0.67	0.84	10.36	1.52	1435	1374	0.0282	0.0257	0.0221	0.0011	0.0091	0.0259	0.0050	0.0011	0.0002	0.0160	0.0698
113	2012	EXT	EB	MD	Ramp	0.31	0.38	6.13	0.93	755	723	0.0138	0.0126	0.0102	0.0005	0.0035	0.0106	0.0023	0.0005	0.0001	0.0084	0.0224
114	2012	EXT	EB	MD	Ramp	0.44	0.56	7.59	0.94	994	951	0.0146	0.0133	0.0149	0.0008	0.0044	0.0141	0.0034	0.0007	0.0001	0.0062	0.0221
115	2012	EXT	EB	MD	Ramp	0.35	0.43	6.92	1.10	854	819	0.0168	0.0154	0.0114	0.0006	0.0042	0.0124	0.0026	0.0005	0.0001	0.0108	0.0289
116	2012	EXT	EB	MD	Ramp	0.22	0.28	3.85	0.57	508	487	0.0097	0.0089	0.0074	0.0004	0.0028	0.0081	0.0017	0.0004	0.0001	0.0056	0.0189
117	2012	EXT	EB	MD	Ramp	0.25	0.31	4.84	0.87	617	592	0.0145	0.0133	0.0082	0.0004	0.0035	0.0098	0.0018	0.0004	0.0001	0.0103	0.0279
118	2012	EXT	EB	MD	Ramp	0.26	0.32	4.52	0.56	586	561	0.0086	0.0078	0.0087	0.0005	0.0026	0.0082	0.0020	0.0004	0.0001	0.0037	0.0125
119	2012	EXT	EB	MD	Ramp	0.28	0.35	5.80	0.92	703	674	0.0136	0.0124	0.0092	0.0005	0.0034	0.0100	0.0021	0.0004	0.0001	0.0088	0.0230
120	2012	EXT	EB	MD	Ramp	0.19	0.24	3.32	0.44	432	413	0.0070	0.0064	0.0063	0.0003	0.0020	0.0063	0.0014	0.0003	0.0001	0.0035	0.0116
121	2012	EXT	EB	MD	Ramp	0.30	0.37	7.04	1.26	816	783	0.0181	0.0166	0.0097	0.0005	0.0040	0.0113	0.0022	0.0004	0.0001	0.0133	0.0296

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
122	2012	EXT	EB	MD	Ramp	3.71	4.56	78.96	15.84	9768	9388	0.2599	0.2380	0.1198	0.0059	0.0583	0.1567	0.0265	0.0055	0.0016	0.2007	0.5007
123	2012	EXT	EB	MD	Ramp	2.59	3.17	55.47	11.92	6926	6662	0.2012	0.1844	0.0831	0.0041	0.0435	0.1145	0.0183	0.0037	0.0012	0.1610	0.3913
124	2012	EXT	EB	MD	Ramp	0.43	0.54	5.44	0.80	821	786	0.0170	0.0155	0.0141	0.0007	0.0067	0.0181	0.0031	0.0007	0.0001	0.0091	0.0569
125	2012	EXT	EB	MD	Ramp	0.28	0.34	5.17	0.85	664	637	0.0141	0.0129	0.0091	0.0005	0.0035	0.0102	0.0020	0.0004	0.0001	0.0093	0.0255
126	2012	EXT	EB	MD	Ramp	0.18	0.23	2.95	0.42	398	381	0.0073	0.0067	0.0060	0.0003	0.0023	0.0066	0.0014	0.0003	0.0001	0.0040	0.0159
127	2012	EXT	EB	MD	Ramp	0.91	1.14	12.56	1.89	1827	1750	0.0380	0.0348	0.0300	0.0015	0.0139	0.0380	0.0066	0.0015	0.0003	0.0216	0.1171
128	2012	EXT	EB	MD	Ramp	0.05	0.07	1.25	0.15	139	133	0.0016	0.0015	0.0018	0.0001	0.0005	0.0016	0.0004	0.0001	0.0000	0.0006	0.0015
129	2012	EXT	EB	MD	Ramp	0.41	0.51	8.33	1.46	1036	994	0.0234	0.0214	0.0135	0.0007	0.0057	0.0159	0.0030	0.0006	0.0002	0.0164	0.0435
130	2012	EXT	EB	MD	Ramp	0.44	0.55	9.62	1.39	1129	1081	0.0185	0.0169	0.0147	0.0008	0.0048	0.0147	0.0033	0.0007	0.0001	0.0107	0.0272
131	2012	EXT	EB	MD	Ramp	0.53	0.65	10.88	2.01	1350	1296	0.0324	0.0297	0.0172	0.0009	0.0076	0.0211	0.0038	0.0008	0.0002	0.0237	0.0615
132	2012	EXT	EB	MD	Ramp	0.17	0.21	3.88	0.58	448	429	0.0076	0.0069	0.0057	0.0003	0.0019	0.0058	0.0013	0.0003	0.0001	0.0046	0.0113
133	2012	EXT	EB	MD	Ramp	0.69	0.85	13.76	2.15	1695	1625	0.0324	0.0296	0.0227	0.0012	0.0082	0.0243	0.0051	0.0011	0.0002	0.0204	0.0545
134	2012	EXT	EB	MD	Ramp	1.35	1.67	29.88	4.97	3528	3383	0.0715	0.0654	0.0443	0.0023	0.0171	0.0495	0.0100	0.0021	0.0005	0.0489	0.1209
135	2012	EXT	EB	MD	Ramp	0.55	0.69	10.96	1.80	1368	1312	0.0284	0.0260	0.0182	0.0009	0.0071	0.0204	0.0041	0.0009	0.0002	0.0188	0.0506
136	2012	EXT	EB	MD	Ramp	0.12	0.14	1.98	0.26	259	248	0.0041	0.0038	0.0039	0.0002	0.0012	0.0038	0.0009	0.0002	0.0000	0.0020	0.0069
137	2012	EXT	EB	MD	Ramp	4.17	5.06	73.72	25.41	11037	10687	0.5282	0.4850	0.1278	0.0056	0.1102	0.2584	0.0263	0.0055	0.0027	0.4730	1.2278
138	2012	EXT	EB	MD	Ramp	0.42	0.53	5.65	0.76	834	798	0.0154	0.0140	0.0141	0.0007	0.0057	0.0163	0.0031	0.0007	0.0001	0.0074	0.0435
139	2012	EXT	EB	MD	Ramp	0.27	0.34	4.94	0.66	633	606	0.0102	0.0093	0.0091	0.0005	0.0028	0.0089	0.0021	0.0005	0.0001	0.0051	0.0153
140	2012	EXT	EB	MD	Ramp	0.83	1.03	16.61	2.37	2024	1938	0.0338	0.0308	0.0274	0.0014	0.0089	0.0274	0.0062	0.0013	0.0003	0.0190	0.0504
141	2012	EXT	EB	MD	Ramp	0.14	0.17	3.24	0.42	361	345	0.0045	0.0041	0.0046	0.0002	0.0012	0.0041	0.0011	0.0002	0.0000	0.0020	0.0048
142	2012	EXT	EB	MD	Ramp	0.21	0.26	5.04	0.74	561	537	0.0088	0.0080	0.0069	0.0004	0.0022	0.0068	0.0016	0.0003	0.0001	0.0053	0.0118
143	2012	EXT	EB	MD	Ramp	0.13	0.16	3.08	0.41	345	330	0.0046	0.0042	0.0044	0.0002	0.0013	0.0041	0.0010	0.0002	0.0000	0.0023	0.0055
144	2012	EXT	EB	MD	HOV	0.80	0.99	20.93	2.43	2168	2071	0.0168	0.0152	0.0269	0.0014	0.0057	0.0211	0.0063	0.0012	0.0002	0.0030	0.0050
145	2012	EXT	EB	MD	HOV	2.12	2.61	55.24	6.42	5725	5466	0.0445	0.0402	0.0710	0.0038	0.0150	0.0557	0.0165	0.0032	0.0005	0.0078	0.0132
146	2012	EXT	EB	MD	HOV	0.09	0.11	2.38	0.28	247	236	0.0019	0.0017	0.0031	0.0002	0.0006	0.0024	0.0007	0.0001	0.0000	0.0003	0.0006
147	2012	EXT	EB	MD	HOV	1.80	2.21	46.71	5.43	4841	4622	0.0376	0.0340	0.0600	0.0032	0.0127	0.0471	0.0140	0.0027	0.0004	0.0066	0.0112
148	2012	EXT	EB	MD	HOV	0.65	0.80	16.99	1.98	1760	1681	0.0137	0.0124	0.0218	0.0012	0.0046	0.0171	0.0051	0.0010	0.0002	0.0024	0.0041
149	2012	EXT	EB	MD	HOV	2.19	2.70	56.10	6.45	5853	5589	0.0464	0.0419	0.0734	0.0040	0.0155	0.0576	0.0171	0.0034	0.0005	0.0081	0.0139
150	2012	EXT	EB	MD	HOV	1.64	2.02	42.07	4.84	4389	4191	0.0348	0.0314	0.0550	0.0030	0.0116	0.0432	0.0128	0.0025	0.0004	0.0060	0.0104
151	2012	EXT	EB	MD	HOV	2.22	2.73	56.79	6.53	5925	5658	0.0470	0.0425	0.0743	0.0040	0.0157	0.0583	0.0173	0.0034	0.0005	0.0081	0.0141
152	2012	EXT	EB	MD	HOV	1.76	2.17	45.07	5.18	4702	4490	0.0373	0.0337	0.0589	0.0032	0.0125	0.0463	0.0137	0.0027	0.0004	0.0065	0.0112
153	2012	EXT	EB	MD	HOV	2.68	3.32	62.72	6.91	6847	6538	0.0583	0.0528	0.0899	0.0048	0.0189	0.0705	0.0209	0.0043	0.0007	0.0095	0.0174
154	2012	EXT	EB	MD	HOV	1.53	1.90	35.95	3.96	3924	3747	0.0334	0.0303	0.0515	0.0028	0.0108	0.0404	0.0120	0.0025	0.0004	0.0055	0.0099
155	2012	EXT	EB	MD	HOV	1.14	1.41	26.71	2.94	2916	2784	0.0248	0.0225	0.0383	0.0021	0.0081	0.0300	0.0089	0.0018	0.0003	0.0041	0.0074
156	2012	EXT	EB	MD	HOV	0.72	0.88	18.62	2.16	1929	1842	0.0150	0.0135	0.0239	0.0013	0.0051	0.0188	0.0056	0.0011	0.0002	0.0026	0.0045
157	2012	EXT	EB	MD	HOV	1.26	1.55	32.75	3.81	3395	3241	0.0264	0.0238	0.0421	0.0023	0.0089	0.0331	0.0098	0.0019	0.0003	0.0046	0.0078
158	2012	EXT	EB	MD	HOV	2.04	2.54	45.14	4.88	5082	4853	0.0450	0.0408	0.0687	0.0037	0.0144	0.0538	0.0159	0.0034	0.0005	0.0071	0.0132
159	2012	EXT	EB	MD	HOV	3.06	3.90	45.92	4.50	6433	6143	0.0733	0.0665	0.1049	0.0056	0.0224	0.0830	0.0243	0.0055	0.0008	0.0106	0.0301
160	2012	EXT	EB	MD	HOV	5.71	7.27	85.59	8.39	11991	11449	0.1365	0.1240	0.1955	0.0105	0.0418	0.1547	0.0453	0.0103	0.0015	0.0197	0.0562
161	2012	EXT	EB	MD	HOV																	
162	2012	EXT	EB	MD	HOV																	
163	2012	EXT	EB	MD	HOV																	
164	2012	EXT	EB	MD	HOV																	
165	2012	EXT	EB	MD	HOV																	
166	2012	EXT	EB	MD	HOV																	
167	2012	EXT	EB	MD	HOV																	
168	2012	EXT	EB	MD	HOV																	
169	2012	EXT	EB	MD	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
170	2012	EXT	EB	MD	HOV																	
171	2012	EXT	EB	MD	HOV																	
172	2012	EXT	EB	MD	HOV																	
173	2012	EXT	EB	MD	HOV																	
174	2012	EXT	EB	MD	HOV																	
175	2012	EXT	EB	MD	HOV																	
176	2012	EXT	EB	MD	HOV																	
177	2012	EXT	EB	MD	HOV																	
178	2012	EXT	EB	MD	HOV																	
179	2012	EXT	EB	MD	HOV																	
180	2012	EXT	EB	MD	HOV																	
181	2012	EXT	EB	MD	HOV																	
182	2012	EXT	EB	MD	HOV																	
183	2012	EXT	EB	MD	HOV																	
184	2012	EXT	EB	MD	HOV																	
185	2012	EXT	EB	MD	HOV																	
186	2012	EXT	EB	MD	HOV																	
187	2012	EXT	EB	MD	HOV																	
188	2012	EXT	EB	MD	HOV																	
189	2012	EXT	EB	MD	HOV																	
190	2012	EXT	EB	MD	HOV																	
191	2012	EXT	EB	MD	HOV																	
192	2012	EXT	EB	MD	HOV																	
193	2012	EXT	EB	MD	HOV																	
194	2012	EXT	EB	MD	HOV																	
195	2012	EXT	EB	MD	HOV																	
196	2012	EXT	EB	MD	HOV																	
197	2012	EXT	EB	MD	HOV																	
198	2012	EXT	EB	MD	HOV																	
199	2012	EXT	EB	MD	HOV																	
200	2012	EXT	EB	MD	HOV																	
201	2012	EXT	EB	MD	HOV																	
202	2012	EXT	EB	MD	HOV																	
203	2012	EXT	EB	MD	HOV																	
204	2012	EXT	EB	MD	HOV																	
205	2012	EXT	EB	MD	HOV																	
206	2012	EXT	EB	MD	HOV																	
207	2012	EXT	EB	MD	HOV																	
208	2012	EXT	EB	MD	HOV																	
209	2012	EXT	EB	MD	HOV																	
210	2012	EXT	EB	MD	HOV																	
211	2012	EXT	EB	MD	HOV																	
212	2012	EXT	EB	MD	HOV																	
213	2012	EXT	EB	MD	HOV																	
214	2012	EXT	EB	MD	HOV																	
215	2012	EXT	EB	MD	HOV																	
1	2012	EXT	EB	PM	Mainline	2.90	3.49	65.23	19.27	8672	8377	0.3964	0.3639	0.0907	0.0042	0.0598	0.1483	0.0195	0.0039	0.0020	0.3577	0.6016
2	2012	EXT	EB	PM	Mainline	6.84	8.20	153.31	48.40	20943	20242	1.1229	1.0311	0.2137	0.0100	0.1400	0.3475	0.0460	0.0091	0.0055	1.0349	1.3995

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
3	2012	EXT	EB	PM	Mainline	0.32	0.38	7.08	2.20	968	935	0.0557	0.0511	0.0100	0.0005	0.0061	0.0154	0.0022	0.0004	0.0003	0.0516	0.0589
4	2012	EXT	EB	PM	Mainline	5.60	6.70	123.95	40.55	17221	16651	0.9973	0.9160	0.1748	0.0082	0.1159	0.2869	0.0376	0.0074	0.0049	0.9266	1.1633
5	2012	EXT	EB	PM	Mainline	2.25	2.68	49.45	15.51	6800	6569	0.4011	0.3683	0.0705	0.0034	0.0432	0.1088	0.0153	0.0030	0.0019	0.3727	0.4160
6	2012	EXT	EB	PM	Mainline	6.10	7.29	133.51	44.82	18776	18159	1.1460	1.0526	0.1901	0.0089	0.1274	0.3145	0.0408	0.0081	0.0055	1.0700	1.2837
7	2012	EXT	EB	PM	Mainline	4.90	5.88	109.70	34.83	15013	14512	0.8021	0.7365	0.1531	0.0072	0.1017	0.2516	0.0329	0.0065	0.0040	0.7390	1.0227
8	2012	EXT	EB	PM	Mainline	6.07	7.25	131.91	45.27	18735	18125	1.1874	1.0907	0.1889	0.0088	0.1284	0.3158	0.0405	0.0080	0.0057	1.1124	1.3000
9	2012	EXT	EB	PM	Mainline	5.04	6.03	111.33	36.79	15525	15014	0.9054	0.8315	0.1571	0.0073	0.1055	0.2603	0.0337	0.0067	0.0044	0.8419	1.0647
10	2012	EXT	EB	PM	Mainline	5.18	6.17	110.95	39.29	15997	15482	1.0822	0.9942	0.1609	0.0075	0.1110	0.2720	0.0344	0.0068	0.0051	1.0193	1.1298
11	2012	EXT	EB	PM	Mainline	3.11	3.72	67.98	22.98	9593	9279	0.5951	0.5466	0.0971	0.0045	0.0652	0.1607	0.0208	0.0041	0.0029	0.5564	0.6566
12	2012	EXT	EB	PM	Mainline	2.17	2.59	46.63	16.05	6654	6437	0.4421	0.4061	0.0676	0.0032	0.0452	0.1116	0.0145	0.0029	0.0021	0.4156	0.4537
13	2012	EXT	EB	PM	Mainline	2.04	2.44	43.46	13.78	6053	5847	0.4015	0.3688	0.0643	0.0031	0.0387	0.0979	0.0140	0.0027	0.0019	0.3764	0.3680
14	2012	EXT	EB	PM	Mainline	3.19	3.81	68.09	22.51	9618	9296	0.6496	0.5967	0.1001	0.0047	0.0632	0.1581	0.0217	0.0042	0.0031	0.6106	0.6166
15	2012	EXT	EB	PM	Mainline	4.00	4.78	88.19	27.71	12132	11720	0.7153	0.6569	0.1257	0.0060	0.0771	0.1943	0.0273	0.0053	0.0035	0.6647	0.7438
16	2012	EXT	EB	PM	Mainline	2.28	2.72	49.85	15.97	6914	6681	0.4199	0.3857	0.0714	0.0034	0.0446	0.1118	0.0155	0.0030	0.0020	0.3914	0.4337
17	2012	EXT	EB	PM	Mainline	3.77	4.51	83.05	27.31	11585	11201	0.6913	0.6349	0.1179	0.0055	0.0774	0.1920	0.0254	0.0050	0.0033	0.6439	0.7731
18	2012	EXT	EB	PM	Mainline	4.24	5.14	98.04	24.13	12260	11814	0.4374	0.4012	0.1344	0.0065	0.0766	0.1969	0.0293	0.0058	0.0024	0.3767	0.7189
19	2012	EXT	EB	PM	Mainline	3.02	3.65	71.52	17.69	8912	8584	0.3399	0.3118	0.0963	0.0047	0.0504	0.1326	0.0212	0.0041	0.0018	0.2976	0.4488
20	2012	EXT	EB	PM	Mainline	7.07	8.57	165.89	39.24	20441	19686	0.6957	0.6379	0.2251	0.0109	0.1222	0.3182	0.0494	0.0098	0.0038	0.5934	1.1155
21	2012	EXT	EB	PM	Mainline	0.71	0.86	16.91	4.05	2085	2007	0.0764	0.0701	0.0227	0.0011	0.0114	0.0303	0.0050	0.0010	0.0004	0.0664	0.0986
22	2012	EXT	EB	PM	Mainline	2.67	3.21	62.93	15.08	7829	7535	0.3088	0.2833	0.0856	0.0043	0.0406	0.1098	0.0191	0.0036	0.0016	0.2719	0.3364
23	2012	EXT	EB	PM	Mainline	6.38	7.68	152.53	34.35	18567	17854	0.6580	0.6033	0.2052	0.0103	0.0916	0.2523	0.0459	0.0086	0.0036	0.5683	0.7236
24	2012	EXT	EB	PM	Mainline	2.41	2.93	57.93	12.58	6935	6670	0.2116	0.1940	0.0774	0.0038	0.0375	0.1008	0.0172	0.0034	0.0012	0.1760	0.3179
25	2012	EXT	EB	PM	Mainline	1.53	1.85	36.76	8.25	4466	4294	0.1566	0.1436	0.0493	0.0025	0.0220	0.0606	0.0110	0.0021	0.0008	0.1350	0.1740
26	2012	EXT	EB	PM	Mainline	13.35	16.06	317.88	69.82	38546	37052	1.3400	1.2285	0.4302	0.0217	0.1841	0.5137	0.0966	0.0180	0.0073	1.1527	1.3991
27	2012	EXT	EB	PM	Mainline	9.94	11.99	241.04	52.24	28869	27750	0.9367	0.8586	0.3202	0.0161	0.1400	0.3881	0.0717	0.0136	0.0052	0.7942	1.0880
28	2012	EXT	EB	PM	Mainline	6.21	7.45	146.28	32.01	17806	17113	0.6306	0.5781	0.2001	0.0101	0.0838	0.2353	0.0450	0.0083	0.0034	0.5443	0.6221
29	2012	EXT	EB	PM	Mainline	3.86	4.65	93.84	19.93	11162	10727	0.3485	0.3194	0.1243	0.0063	0.0534	0.1489	0.0279	0.0053	0.0019	0.2929	0.4090
30	2012	EXT	EB	PM	Mainline																	
31	2012	EXT	EB	PM	Mainline																	
32	2012	EXT	EB	PM	Mainline	5.52	6.63	130.63	28.66	15881	15264	0.5592	0.5127	0.1779	0.0090	0.0752	0.2107	0.0400	0.0074	0.0030	0.4822	0.5647
33	2012	EXT	EB	PM	Mainline	5.13	6.17	121.95	26.35	14742	14167	0.5033	0.4614	0.1654	0.0084	0.0691	0.1942	0.0372	0.0069	0.0027	0.4313	0.5123
34	2012	EXT	EB	PM	Mainline	5.91	7.10	139.73	31.49	17096	16438	0.6232	0.5714	0.1900	0.0096	0.0834	0.2308	0.0426	0.0079	0.0033	0.5409	0.6477
35	2012	EXT	EB	PM	Mainline	3.09	3.73	75.16	16.16	8969	8622	0.2847	0.2609	0.0997	0.0050	0.0436	0.1208	0.0223	0.0042	0.0016	0.2401	0.3391
36	2012	EXT	EB	PM	Mainline																	
37	2012	EXT	EB	PM	Mainline																	
38	2012	EXT	EB	PM	Mainline	7.94	9.55	188.89	42.00	22981	22094	0.8132	0.7456	0.2557	0.0129	0.1111	0.3085	0.0573	0.0107	0.0044	0.7020	0.8560
39	2012	EXT	EB	PM	Mainline	7.68	9.26	185.53	40.58	22324	21461	0.7448	0.6828	0.2474	0.0124	0.1079	0.2993	0.0554	0.0104	0.0041	0.6356	0.8359
40	2012	EXT	EB	PM	Mainline	5.57	6.68	127.75	28.38	15794	15181	0.6117	0.5610	0.1796	0.0091	0.0754	0.2116	0.0404	0.0073	0.0032	0.5360	0.5592
41	2012	EXT	EB	PM	Mainline	1.90	2.29	45.53	9.96	5496	5283	0.1867	0.1711	0.0611	0.0031	0.0264	0.0734	0.0137	0.0026	0.0010	0.1598	0.2019
42	2012	EXT	EB	PM	Mainline	6.00	7.21	141.41	31.73	17316	16648	0.6339	0.5813	0.1932	0.0097	0.0837	0.2325	0.0433	0.0080	0.0034	0.5506	0.6419
43	2012	EXT	EB	PM	Mainline	2.44	2.94	58.20	12.83	7060	6786	0.2459	0.2254	0.0787	0.0040	0.0339	0.0943	0.0177	0.0033	0.0013	0.2116	0.2590
44	2012	EXT	EB	PM	Mainline	6.23	7.48	146.95	31.80	17834	17137	0.6207	0.5690	0.2009	0.0102	0.0830	0.2342	0.0452	0.0083	0.0034	0.5339	0.6086
45	2012	EXT	EB	PM	Mainline	1.65	1.99	39.40	8.42	4746	4560	0.1588	0.1456	0.0534	0.0027	0.0220	0.0622	0.0120	0.0022	0.0009	0.1355	0.1616
46	2012	EXT	EB	PM	Mainline	4.68	5.62	110.21	23.82	13384	12861	0.4672	0.4283	0.1510	0.0077	0.0621	0.1755	0.0340	0.0062	0.0025	0.4021	0.4535
47	2012	EXT	EB	PM	Mainline	0.28	0.33	6.39	1.34	777	746	0.0272	0.0249	0.0089	0.0005	0.0035	0.0101	0.0020	0.0004	0.0001	0.0234	0.0244
48	2012	EXT	EB	PM	Mainline	5.81	6.97	133.55	28.11	16300	15656	0.5832	0.5346	0.1880	0.0096	0.0743	0.2126	0.0425	0.0076	0.0031	0.5037	0.5172
49	2012	EXT	EB	PM	Mainline	0.47	0.56	10.88	2.28	1317	1265	0.0451	0.0413	0.0151	0.0008	0.0060	0.0170	0.0034	0.0006	0.0002	0.0386	0.0415
50	2012	EXT	EB	PM	Mainline	7.67	9.21	179.52	38.88	21876	21021	0.7789	0.7141	0.2477	0.0126	0.1019	0.2878	0.0558	0.0102	0.0042	0.6728	0.7425

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
51	2012	EXT	EB	PM	Mainline	1.16	1.40	28.02	5.77	3331	3199	0.1032	0.0946	0.0376	0.0019	0.0150	0.0428	0.0085	0.0016	0.0006	0.0866	0.1061
52	2012	EXT	EB	PM	Mainline	1.61	1.94	39.01	8.05	4628	4445	0.1424	0.1305	0.0521	0.0026	0.0210	0.0597	0.0117	0.0022	0.0008	0.1193	0.1509
53	2012	EXT	EB	PM	Mainline	1.25	1.51	30.49	6.35	3599	3458	0.1074	0.0984	0.0402	0.0020	0.0171	0.0479	0.0090	0.0017	0.0006	0.0892	0.1300
54	2012	EXT	EB	PM	Mainline	7.80	9.51	184.66	36.59	21756	20903	0.5699	0.5220	0.2517	0.0126	0.1142	0.3132	0.0561	0.0112	0.0034	0.4498	0.9257
55	2012	EXT	EB	PM	Mainline	3.26	3.94	79.90	16.40	9385	9016	0.2722	0.2494	0.1052	0.0053	0.0442	0.1241	0.0236	0.0045	0.0016	0.2244	0.3320
56	2012	EXT	EB	PM	Mainline	9.29	11.31	223.96	44.54	26242	25213	0.6957	0.6372	0.3000	0.0150	0.1344	0.3702	0.0669	0.0132	0.0041	0.5538	1.0777
57	2012	EXT	EB	PM	Mainline	2.38	2.89	58.56	11.80	6832	6563	0.1879	0.1721	0.0770	0.0039	0.0328	0.0917	0.0173	0.0033	0.0011	0.1524	0.2509
58	2012	EXT	EB	PM	Mainline	8.37	10.10	204.18	42.54	24196	23245	0.7425	0.6804	0.2705	0.0137	0.1117	0.3154	0.0609	0.0114	0.0042	0.6220	0.8239
59	2012	EXT	EB	PM	Mainline	2.23	2.71	54.65	10.59	6328	6077	0.1619	0.1482	0.0721	0.0036	0.0308	0.0861	0.0162	0.0032	0.0010	0.1279	0.2369
60	2012	EXT	EB	PM	Mainline	9.31	11.26	229.31	46.10	26746	25689	0.7442	0.6817	0.3010	0.0153	0.1242	0.3508	0.0677	0.0129	0.0043	0.6066	0.9187
61	2012	EXT	EB	PM	Mainline	2.10	2.53	50.24	10.13	5967	5729	0.1821	0.1669	0.0681	0.0035	0.0260	0.0754	0.0154	0.0028	0.0010	0.1524	0.1762
62	2012	EXT	EB	PM	Mainline	4.59	5.51	107.53	21.78	12904	12388	0.4157	0.3809	0.1488	0.0076	0.0566	0.1641	0.0337	0.0061	0.0023	0.3517	0.3787
63	2012	EXT	EB	PM	Mainline	1.78	2.14	41.84	8.88	5063	4864	0.1730	0.1585	0.0575	0.0029	0.0231	0.0658	0.0130	0.0024	0.0009	0.1482	0.1649
64	2012	EXT	EB	PM	Mainline	5.84	7.01	138.24	29.94	16750	16096	0.5787	0.5305	0.1883	0.0095	0.0783	0.2205	0.0424	0.0078	0.0031	0.4971	0.5789
65	2012	EXT	EB	PM	Mainline	1.87	2.25	44.99	9.50	5382	5170	0.1735	0.1590	0.0604	0.0031	0.0249	0.0703	0.0136	0.0025	0.0010	0.1469	0.1827
66	2012	EXT	EB	PM	Mainline	0.59	0.71	14.26	3.21	1726	1660	0.0589	0.0540	0.0190	0.0009	0.0087	0.0239	0.0042	0.0008	0.0003	0.0505	0.0709
67	2012	EXT	EB	PM	Mainline	10.85	13.13	259.60	59.03	31473	30286	1.0372	0.9509	0.3472	0.0171	0.1725	0.4604	0.0768	0.0150	0.0057	0.8799	1.4871
68	2012	EXT	EB	PM	Mainline	3.66	4.45	85.92	18.69	10366	9971	0.3122	0.2862	0.1172	0.0058	0.0587	0.1564	0.0259	0.0052	0.0018	0.2576	0.5112
69	2012	EXT	EB	PM	Mainline	7.64	9.21	181.13	44.35	22540	21705	0.8696	0.7976	0.2439	0.0120	0.1236	0.3278	0.0539	0.0104	0.0046	0.7630	1.0744
70	2012	EXT	EB	PM	Mainline	4.53	5.45	106.78	25.99	13326	12829	0.5311	0.4872	0.1448	0.0072	0.0706	0.1893	0.0322	0.0061	0.0028	0.4686	0.5959
71	2012	EXT	EB	PM	Mainline	6.39	7.66	144.41	36.39	18517	17828	0.8619	0.7909	0.2045	0.0102	0.0985	0.2649	0.0455	0.0085	0.0044	0.7772	0.8196
72	2012	EXT	EB	PM	Mainline	8.30	10.30	99.84	21.95	15477	14878	0.4988	0.4572	0.2616	0.0118	0.2015	0.4833	0.0548	0.0119	0.0032	0.3696	2.1712
73	2012	EXT	EB	PM	Ramp	0.56	0.71	7.67	1.02	1120	1072	0.0201	0.0183	0.0187	0.0009	0.0073	0.0211	0.0042	0.0009	0.0002	0.0095	0.0534
74	2012	EXT	EB	PM	Ramp	0.19	0.23	2.79	0.49	396	380	0.0097	0.0089	0.0061	0.0003	0.0031	0.0083	0.0013	0.0003	0.0001	0.0065	0.0283
75	2012	EXT	EB	PM	Ramp	0.56	0.71	6.62	0.93	1038	993	0.0206	0.0188	0.0186	0.0009	0.0084	0.0232	0.0041	0.0009	0.0002	0.0100	0.0693
76	2012	EXT	EB	PM	Ramp	0.42	0.53	6.06	0.81	866	828	0.0154	0.0140	0.0141	0.0007	0.0054	0.0157	0.0032	0.0007	0.0001	0.0074	0.0385
77	2012	EXT	EB	PM	Ramp	0.79	1.00	9.01	1.16	1442	1379	0.0262	0.0239	0.0264	0.0013	0.0104	0.0299	0.0059	0.0014	0.0002	0.0107	0.0763
78	2012	EXT	EB	PM	Ramp	0.40	0.51	5.11	0.73	773	740	0.0155	0.0142	0.0133	0.0007	0.0061	0.0168	0.0030	0.0007	0.0001	0.0081	0.0511
79	2012	EXT	EB	PM	Ramp																	
80	2012	EXT	EB	PM	Ramp	0.58	0.73	8.83	1.30	1232	1180	0.0244	0.0223	0.0192	0.0010	0.0081	0.0228	0.0043	0.0009	0.0002	0.0139	0.0628
81	2012	EXT	EB	PM	Ramp	0.67	0.85	7.22	1.22	1174	1125	0.0286	0.0262	0.0219	0.0010	0.0130	0.0331	0.0047	0.0011	0.0002	0.0166	0.1261
82	2012	EXT	EB	PM	Ramp	0.13	0.17	2.04	0.26	282	269	0.0045	0.0041	0.0044	0.0002	0.0015	0.0045	0.0010	0.0002	0.0000	0.0019	0.0087
83	2012	EXT	EB	PM	Ramp	0.31	0.38	3.71	0.89	578	556	0.0203	0.0186	0.0096	0.0004	0.0080	0.0188	0.0020	0.0004	0.0001	0.0157	0.0877
84	2012	EXT	EB	PM	Ramp	0.18	0.22	3.71	0.54	447	428	0.0075	0.0069	0.0060	0.0003	0.0020	0.0060	0.0014	0.0003	0.0001	0.0044	0.0115
85	2012	EXT	EB	PM	Ramp	0.29	0.35	6.38	1.28	775	745	0.0205	0.0188	0.0093	0.0005	0.0044	0.0120	0.0021	0.0004	0.0001	0.0160	0.0376
86	2012	EXT	EB	PM	Ramp	0.64	0.80	11.45	1.90	1510	1448	0.0331	0.0303	0.0211	0.0011	0.0084	0.0240	0.0047	0.0010	0.0002	0.0218	0.0612
87	2012	EXT	EB	PM	Ramp	0.26	0.33	4.03	0.64	560	536	0.0120	0.0110	0.0086	0.0004	0.0038	0.0106	0.0019	0.0004	0.0001	0.0073	0.0313
88	2012	EXT	EB	PM	Ramp	0.21	0.26	3.95	0.86	522	502	0.0156	0.0143	0.0067	0.0003	0.0036	0.0094	0.0015	0.0003	0.0001	0.0123	0.0332
89	2012	EXT	EB	PM	Ramp	0.31	0.39	4.33	0.47	625	597	0.0085	0.0077	0.0104	0.0005	0.0028	0.0093	0.0024	0.0005	0.0001	0.0023	0.0112
90	2012	EXT	EB	PM	Ramp	1.06	1.35	12.99	1.61	2008	1920	0.0343	0.0313	0.0356	0.0018	0.0130	0.0384	0.0080	0.0019	0.0003	0.0135	0.0883
91	2012	EXT	EB	PM	Ramp	0.28	0.35	5.11	1.29	708	682	0.0251	0.0230	0.0089	0.0004	0.0057	0.0142	0.0019	0.0004	0.0001	0.0208	0.0567
92	2012	EXT	EB	PM	Ramp	0.70	0.89	8.58	1.17	1322	1265	0.0254	0.0232	0.0233	0.0012	0.0101	0.0281	0.0052	0.0012	0.0002	0.0121	0.0800
93	2012	EXT	EB	PM	Ramp	4.84	5.94	93.53	20.82	12301	11838	0.3766	0.3451	0.1549	0.0075	0.0857	0.2223	0.0338	0.0071	0.0022	0.3004	0.7985
94	2012	EXT	EB	PM	Ramp	2.28	2.80	32.30	9.40	4987	4815	0.2097	0.1924	0.0707	0.0031	0.0589	0.1391	0.0146	0.0031	0.0012	0.1770	0.6508
95	2012	EXT	EB	PM	Ramp	0.45	0.56	6.89	1.37	984	945	0.0279	0.0255	0.0146	0.0007	0.0085	0.0218	0.0032	0.0007	0.0002	0.0204	0.0815
96	2012	EXT	EB	PM	Ramp	0.32	0.39	7.81	1.18	866	829	0.0142	0.0129	0.0106	0.0005	0.0034	0.0105	0.0024	0.0005	0.0001	0.0088	0.0192
97	2012	EXT	EB	PM	Ramp	0.20	0.24	3.59	1.04	509	492	0.0208	0.0191	0.0061	0.0003	0.0045	0.0109	0.0013	0.0003	0.0001	0.0180	0.0476
98	2012	EXT	EB	PM	Ramp	0.30	0.37	6.28	1.05	760	729	0.0158	0.0144	0.0098	0.0005	0.0038	0.0110	0.0022	0.0005	0.0001	0.0107	0.0276

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
99	2012	EXT	EB	PM	Ramp	0.72	0.90	9.17	1.74	1388	1332	0.0380	0.0348	0.0233	0.0011	0.0150	0.0374	0.0050	0.0011	0.0003	0.0260	0.1507
100	2012	EXT	EB	PM	Ramp	0.55	0.68	10.86	1.63	1340	1284	0.0243	0.0222	0.0181	0.0009	0.0063	0.0189	0.0041	0.0009	0.0002	0.0146	0.0391
101	2012	EXT	EB	PM	Ramp																	
102	2012	EXT	EB	PM	Ramp																	
103	2012	EXT	EB	PM	Ramp	0.28	0.35	4.66	0.61	621	594	0.0101	0.0092	0.0094	0.0005	0.0031	0.0095	0.0021	0.0005	0.0001	0.0048	0.0185
104	2012	EXT	EB	PM	Ramp	0.56	0.71	8.13	1.17	1160	1111	0.0226	0.0207	0.0187	0.0009	0.0080	0.0223	0.0042	0.0009	0.0002	0.0123	0.0624
105	2012	EXT	EB	PM	Ramp	0.45	0.57	7.65	1.07	1016	973	0.0179	0.0164	0.0151	0.0008	0.0054	0.0160	0.0034	0.0007	0.0001	0.0096	0.0349
106	2012	EXT	EB	PM	Ramp	0.14	0.18	1.66	0.19	265	253	0.0044	0.0040	0.0048	0.0002	0.0016	0.0050	0.0011	0.0003	0.0000	0.0015	0.0100
107	2012	EXT	EB	PM	Ramp																	
108	2012	EXT	EB	PM	Ramp																	
109	2012	EXT	EB	PM	Ramp	0.54	0.69	7.44	0.99	1088	1041	0.0196	0.0179	0.0182	0.0009	0.0072	0.0206	0.0041	0.0009	0.0002	0.0093	0.0527
110	2012	EXT	EB	PM	Ramp	0.53	0.67	8.49	1.18	1157	1108	0.0209	0.0191	0.0177	0.0009	0.0067	0.0195	0.0040	0.0009	0.0002	0.0111	0.0462
111	2012	EXT	EB	PM	Ramp	0.33	0.41	4.95	0.72	693	664	0.0136	0.0125	0.0109	0.0005	0.0046	0.0129	0.0024	0.0005	0.0001	0.0077	0.0354
112	2012	EXT	EB	PM	Ramp	0.60	0.76	8.98	1.14	1257	1203	0.0206	0.0188	0.0201	0.0010	0.0070	0.0210	0.0046	0.0010	0.0002	0.0092	0.0441
113	2012	EXT	EB	PM	Ramp	0.41	0.51	7.29	0.92	935	895	0.0138	0.0126	0.0137	0.0007	0.0040	0.0129	0.0031	0.0007	0.0001	0.0062	0.0194
114	2012	EXT	EB	PM	Ramp	0.35	0.44	5.94	0.71	781	747	0.0110	0.0100	0.0118	0.0006	0.0034	0.0110	0.0027	0.0006	0.0001	0.0043	0.0157
115	2012	EXT	EB	PM	Ramp	0.55	0.68	8.50	2.12	1248	1202	0.0447	0.0410	0.0174	0.0008	0.0118	0.0291	0.0037	0.0008	0.0003	0.0362	0.1213
116	2012	EXT	EB	PM	Ramp	0.31	0.38	5.06	0.70	679	650	0.0119	0.0109	0.0102	0.0005	0.0037	0.0109	0.0023	0.0005	0.0001	0.0062	0.0240
117	2012	EXT	EB	PM	Ramp	0.24	0.30	4.47	0.68	569	545	0.0108	0.0099	0.0079	0.0004	0.0028	0.0083	0.0018	0.0004	0.0001	0.0066	0.0181
118	2012	EXT	EB	PM	Ramp	0.32	0.40	5.39	0.61	710	679	0.0091	0.0083	0.0108	0.0006	0.0028	0.0096	0.0025	0.0006	0.0001	0.0029	0.0106
119	2012	EXT	EB	PM	Ramp	0.22	0.28	4.63	0.68	556	532	0.0095	0.0087	0.0074	0.0004	0.0025	0.0075	0.0017	0.0004	0.0001	0.0055	0.0146
120	2012	EXT	EB	PM	Ramp	0.21	0.26	3.54	0.42	461	441	0.0063	0.0057	0.0069	0.0004	0.0019	0.0063	0.0016	0.0003	0.0001	0.0024	0.0082
121	2012	EXT	EB	PM	Ramp	0.35	0.43	8.28	1.31	934	894	0.0168	0.0153	0.0114	0.0006	0.0040	0.0119	0.0026	0.0005	0.0001	0.0110	0.0246
122	2012	EXT	EB	PM	Ramp	3.77	4.67	78.27	12.03	9445	9049	0.1739	0.1589	0.1244	0.0064	0.0441	0.1315	0.0281	0.0059	0.0013	0.1082	0.2835
123	2012	EXT	EB	PM	Ramp	1.96	2.40	42.55	8.15	5170	4966	0.1289	0.1180	0.0634	0.0032	0.0291	0.0797	0.0141	0.0029	0.0008	0.0974	0.2401
124	2012	EXT	EB	PM	Ramp	0.36	0.46	4.28	0.57	670	641	0.0125	0.0114	0.0120	0.0006	0.0050	0.0140	0.0027	0.0006	0.0001	0.0055	0.0379
125	2012	EXT	EB	PM	Ramp	0.27	0.33	4.65	0.77	619	594	0.0136	0.0125	0.0088	0.0004	0.0036	0.0103	0.0020	0.0004	0.0001	0.0089	0.0275
126	2012	EXT	EB	PM	Ramp	0.23	0.29	3.51	0.42	485	464	0.0071	0.0065	0.0077	0.0004	0.0024	0.0074	0.0018	0.0004	0.0001	0.0027	0.0123
127	2012	EXT	EB	PM	Ramp	0.63	0.79	8.63	1.24	1256	1203	0.0249	0.0227	0.0207	0.0010	0.0091	0.0253	0.0046	0.0010	0.0002	0.0133	0.0736
128	2012	EXT	EB	PM	Ramp	0.07	0.09	1.61	0.18	180	172	0.0018	0.0016	0.0024	0.0001	0.0005	0.0020	0.0006	0.0001	0.0000	0.0005	0.0011
129	2012	EXT	EB	PM	Ramp	0.34	0.43	6.77	0.99	835	800	0.0146	0.0133	0.0114	0.0006	0.0038	0.0116	0.0026	0.0006	0.0001	0.0085	0.0227
130	2012	EXT	EB	PM	Ramp	0.56	0.69	11.69	1.46	1375	1315	0.0177	0.0161	0.0187	0.0010	0.0050	0.0166	0.0043	0.0009	0.0002	0.0074	0.0189
131	2012	EXT	EB	PM	Ramp	0.32	0.40	6.83	1.19	831	797	0.0184	0.0168	0.0106	0.0005	0.0044	0.0124	0.0024	0.0005	0.0001	0.0130	0.0333
132	2012	EXT	EB	PM	Ramp	0.28	0.34	6.16	0.77	700	669	0.0085	0.0077	0.0092	0.0005	0.0024	0.0081	0.0021	0.0004	0.0001	0.0035	0.0084
133	2012	EXT	EB	PM	Ramp	0.57	0.71	10.94	1.54	1365	1306	0.0229	0.0209	0.0189	0.0010	0.0061	0.0188	0.0043	0.0009	0.0002	0.0126	0.0340
134	2012	EXT	EB	PM	Ramp	1.48	1.84	33.91	4.33	3808	3642	0.0474	0.0431	0.0495	0.0026	0.0132	0.0441	0.0114	0.0024	0.0004	0.0210	0.0501
135	2012	EXT	EB	PM	Ramp	0.57	0.71	10.20	1.43	1316	1260	0.0227	0.0207	0.0189	0.0010	0.0062	0.0191	0.0043	0.0009	0.0002	0.0123	0.0366
136	2012	EXT	EB	PM	Ramp	0.14	0.18	2.35	0.26	312	298	0.0039	0.0036	0.0048	0.0003	0.0012	0.0042	0.0011	0.0002	0.0000	0.0011	0.0042
137	2012	EXT	EB	PM	Ramp	4.17	5.10	77.31	20.16	10657	10277	0.3892	0.3570	0.1315	0.0061	0.0863	0.2144	0.0282	0.0059	0.0022	0.3269	0.8728
138	2012	EXT	EB	PM	Ramp	0.46	0.59	5.15	0.67	835	798	0.0154	0.0141	0.0155	0.0008	0.0062	0.0177	0.0035	0.0008	0.0001	0.0063	0.0464
139	2012	EXT	EB	PM	Ramp	0.29	0.36	5.23	0.63	664	635	0.0090	0.0082	0.0097	0.0005	0.0026	0.0087	0.0022	0.0005	0.0001	0.0035	0.0107
140	2012	EXT	EB	PM	Ramp	1.02	1.28	17.95	2.09	2308	2205	0.0301	0.0274	0.0343	0.0018	0.0091	0.0304	0.0079	0.0017	0.0003	0.0106	0.0345
141	2012	EXT	EB	PM	Ramp	0.09	0.11	2.11	0.26	233	222	0.0026	0.0023	0.0030	0.0002	0.0007	0.0026	0.0007	0.0001	0.0000	0.0010	0.0022
142	2012	EXT	EB	PM	Ramp	0.27	0.33	6.45	0.81	703	672	0.0080	0.0073	0.0089	0.0005	0.0023	0.0077	0.0021	0.0004	0.0001	0.0033	0.0073
143	2012	EXT	EB	PM	Ramp	0.34	0.42	7.73	0.95	862	824	0.0098	0.0089	0.0112	0.0006	0.0028	0.0097	0.0026	0.0005	0.0001	0.0037	0.0087
144	2012	EXT	EB	PM	HOV	0.83	1.04	19.24	2.11	2120	2024	0.0183	0.0165	0.0281	0.0015	0.0059	0.0220	0.0065	0.0014	0.0002	0.0029	0.0054
145	2012	EXT	EB	PM	HOV	2.20	2.74	50.80	5.57	5596	5343	0.0483	0.0437	0.0741	0.0040	0.0156	0.0581	0.0172	0.0036	0.0005	0.0078	0.0143
146	2012	EXT	EB	PM	HOV	0.10	0.12	2.19	0.24	241	231	0.0021	0.0019	0.0032	0.0002	0.0007	0.0025	0.0007	0.0002	0.0000	0.0003	0.0006

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlel+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
147	2012	EXT	EB	PM	HOV	1.86	2.32	42.96	4.71	4732	4519	0.0408	0.0369	0.0627	0.0034	0.0132	0.0491	0.0146	0.0030	0.0005	0.0066	0.0121
148	2012	EXT	EB	PM	HOV	0.68	0.84	15.62	1.71	1721	1643	0.0148	0.0134	0.0228	0.0012	0.0048	0.0179	0.0053	0.0011	0.0002	0.0024	0.0044
149	2012	EXT	EB	PM	HOV	2.21	2.76	49.92	5.43	5567	5316	0.0488	0.0441	0.0746	0.0040	0.0157	0.0584	0.0173	0.0036	0.0005	0.0078	0.0143
150	2012	EXT	EB	PM	HOV	1.66	2.07	37.43	4.07	4175	3986	0.0366	0.0331	0.0559	0.0030	0.0117	0.0438	0.0130	0.0027	0.0004	0.0058	0.0108
151	2012	EXT	EB	PM	HOV	2.24	2.79	50.54	5.49	5636	5382	0.0494	0.0447	0.0755	0.0041	0.0159	0.0591	0.0175	0.0037	0.0006	0.0079	0.0145
152	2012	EXT	EB	PM	HOV	1.78	2.21	40.11	4.36	4473	4271	0.0392	0.0355	0.0599	0.0032	0.0126	0.0469	0.0139	0.0029	0.0004	0.0062	0.0115
153	2012	EXT	EB	PM	HOV	2.47	3.10	51.48	5.44	6005	5733	0.0554	0.0502	0.0837	0.0045	0.0175	0.0654	0.0194	0.0042	0.0006	0.0084	0.0159
154	2012	EXT	EB	PM	HOV	1.42	1.77	29.50	3.12	3442	3286	0.0317	0.0288	0.0480	0.0026	0.0100	0.0375	0.0111	0.0024	0.0004	0.0048	0.0091
155	2012	EXT	EB	PM	HOV	1.05	1.32	21.92	2.32	2557	2442	0.0236	0.0214	0.0356	0.0019	0.0074	0.0279	0.0083	0.0018	0.0003	0.0036	0.0068
156	2012	EXT	EB	PM	HOV	0.61	0.75	14.75	1.65	1578	1507	0.0131	0.0118	0.0203	0.0011	0.0043	0.0159	0.0047	0.0010	0.0001	0.0022	0.0039
157	2012	EXT	EB	PM	HOV	1.07	1.32	25.95	2.91	2776	2651	0.0230	0.0208	0.0358	0.0019	0.0075	0.0280	0.0083	0.0017	0.0003	0.0038	0.0069
158	2012	EXT	EB	PM	HOV	1.91	2.40	37.29	3.86	4512	4308	0.0432	0.0392	0.0648	0.0035	0.0135	0.0506	0.0150	0.0033	0.0005	0.0063	0.0121
159	2012	EXT	EB	PM	HOV	2.79	3.58	36.87	3.53	5551	5300	0.0682	0.0620	0.0961	0.0051	0.0206	0.0763	0.0222	0.0052	0.0008	0.0094	0.0299
160	2012	EXT	EB	PM	HOV	5.20	6.67	68.73	6.59	10346	9878	0.1270	0.1155	0.1790	0.0096	0.0385	0.1421	0.0414	0.0097	0.0014	0.0175	0.0557
161	2012	EXT	EB	PM	HOV																	
162	2012	EXT	EB	PM	HOV																	
163	2012	EXT	EB	PM	HOV																	
164	2012	EXT	EB	PM	HOV																	
165	2012	EXT	EB	PM	HOV																	
166	2012	EXT	EB	PM	HOV																	
167	2012	EXT	EB	PM	HOV																	
168	2012	EXT	EB	PM	HOV																	
169	2012	EXT	EB	PM	HOV																	
170	2012	EXT	EB	PM	HOV																	
171	2012	EXT	EB	PM	HOV																	
172	2012	EXT	EB	PM	HOV																	
173	2012	EXT	EB	PM	HOV																	
174	2012	EXT	EB	PM	HOV																	
175	2012	EXT	EB	PM	HOV																	
176	2012	EXT	EB	PM	HOV																	
177	2012	EXT	EB	PM	HOV																	
178	2012	EXT	EB	PM	HOV																	
179	2012	EXT	EB	PM	HOV																	
180	2012	EXT	EB	PM	HOV																	
181	2012	EXT	EB	PM	HOV																	
182	2012	EXT	EB	PM	HOV																	
183	2012	EXT	EB	PM	HOV																	
184	2012	EXT	EB	PM	HOV																	
185	2012	EXT	EB	PM	HOV																	
186	2012	EXT	EB	PM	HOV																	
187	2012	EXT	EB	PM	HOV																	
188	2012	EXT	EB	PM	HOV																	
189	2012	EXT	EB	PM	HOV																	
190	2012	EXT	EB	PM	HOV																	
191	2012	EXT	EB	PM	HOV																	
192	2012	EXT	EB	PM	HOV																	
193	2012	EXT	EB	PM	HOV																	
194	2012	EXT	EB	PM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
195	2012	EXT	EB	PM	HOV																	
196	2012	EXT	EB	PM	HOV																	
197	2012	EXT	EB	PM	HOV																	
198	2012	EXT	EB	PM	HOV																	
199	2012	EXT	EB	PM	HOV																	
200	2012	EXT	EB	PM	HOV																	
201	2012	EXT	EB	PM	HOV																	
202	2012	EXT	EB	PM	HOV																	
203	2012	EXT	EB	PM	HOV																	
204	2012	EXT	EB	PM	HOV																	
205	2012	EXT	EB	PM	HOV																	
206	2012	EXT	EB	PM	HOV																	
207	2012	EXT	EB	PM	HOV																	
208	2012	EXT	EB	PM	HOV																	
209	2012	EXT	EB	PM	HOV																	
210	2012	EXT	EB	PM	HOV																	
211	2012	EXT	EB	PM	HOV																	
212	2012	EXT	EB	PM	HOV																	
213	2012	EXT	EB	PM	HOV																	
214	2012	EXT	EB	PM	HOV																	
215	2012	EXT	EB	PM	HOV																	
1	2012	EXT	EB	NT	Mainline	2.42	2.83	40.10	31.76	8460	8290	1.2737	1.1713	0.0689	0.0025	0.0943	0.2052	0.0129	0.0033	0.0056	1.2543	1.1574
2	2012	EXT	EB	NT	Mainline	6.12	7.17	99.59	83.56	21714	21296	3.3858	3.1138	0.1732	0.0060	0.2484	0.5376	0.0319	0.0084	0.0149	3.3387	3.0752
3	2012	EXT	EB	NT	Mainline	0.28	0.32	4.58	3.65	968	949	0.1478	0.1360	0.0079	0.0003	0.0108	0.0236	0.0015	0.0004	0.0007	0.1456	0.1332
4	2012	EXT	EB	NT	Mainline	4.97	5.81	78.79	71.10	17928	17603	2.9145	2.6805	0.1392	0.0047	0.2117	0.4550	0.0251	0.0069	0.0128	2.8783	2.6466
5	2012	EXT	EB	NT	Mainline	1.95	2.28	32.03	25.98	6837	6702	1.0553	0.9706	0.0554	0.0020	0.0772	0.1677	0.0103	0.0027	0.0046	1.0400	0.9510
6	2012	EXT	EB	NT	Mainline	5.25	6.13	80.36	79.94	19396	19072	3.3227	3.0560	0.1451	0.0046	0.2385	0.5082	0.0255	0.0074	0.0145	3.2873	3.0167
7	2012	EXT	EB	NT	Mainline	4.33	5.07	70.09	59.70	15416	15123	2.4242	2.2295	0.1223	0.0042	0.1775	0.3836	0.0224	0.0060	0.0107	2.3912	2.2023
8	2012	EXT	EB	NT	Mainline	5.16	6.02	77.52	80.96	19286	18978	3.3870	3.1153	0.1415	0.0043	0.2418	0.5130	0.0245	0.0073	0.0148	3.3537	3.0745
9	2012	EXT	EB	NT	Mainline	4.34	5.08	67.87	63.82	15828	15551	2.6321	2.4208	0.1210	0.0039	0.1902	0.4072	0.0216	0.0061	0.0115	2.6015	2.3899
10	2012	EXT	EB	NT	Mainline	4.29	4.99	61.45	71.89	16442	16206	3.0498	2.8053	0.1154	0.0032	0.2152	0.4525	0.0192	0.0061	0.0133	3.0250	2.7672
11	2012	EXT	EB	NT	Mainline	2.62	3.05	39.63	40.43	9716	9557	1.6874	1.5520	0.0720	0.0022	0.1207	0.2566	0.0125	0.0037	0.0074	1.6702	1.5310
12	2012	EXT	EB	NT	Mainline	1.85	2.15	27.75	28.87	6884	6774	1.2091	1.1121	0.0506	0.0015	0.0862	0.1830	0.0088	0.0026	0.0053	1.1971	1.0958
13	2012	EXT	EB	NT	Mainline	1.58	1.84	24.80	22.76	5679	5577	0.9491	0.8729	0.0440	0.0015	0.0678	0.1456	0.0079	0.0022	0.0042	0.9378	0.8495
14	2012	EXT	EB	NT	Mainline	2.65	3.10	41.16	39.28	9659	9492	1.6403	1.5087	0.0737	0.0024	0.1171	0.2505	0.0131	0.0037	0.0072	1.6219	1.4739
15	2012	EXT	EB	NT	Mainline	3.56	4.18	59.38	46.40	12418	12166	1.8683	1.7181	0.1019	0.0037	0.1377	0.3003	0.0191	0.0049	0.0082	1.8395	1.6874
16	2012	EXT	EB	NT	Mainline	1.93	2.26	30.93	27.23	6927	6799	1.1172	1.0275	0.0544	0.0018	0.0811	0.1746	0.0099	0.0027	0.0049	1.1029	1.0098
17	2012	EXT	EB	NT	Mainline	3.30	3.86	51.75	48.33	12027	11815	1.9865	1.8270	0.0921	0.0030	0.1440	0.3085	0.0165	0.0046	0.0087	1.9630	1.8080
18	2012	EXT	EB	NT	Mainline	3.82	4.51	72.60	35.70	12026	11695	1.2904	1.1862	0.1154	0.0050	0.1042	0.2417	0.0237	0.0051	0.0059	1.2509	1.1625
19	2012	EXT	EB	NT	Mainline	2.83	3.35	53.68	26.40	8883	8638	0.9625	0.8848	0.0856	0.0037	0.0771	0.1790	0.0176	0.0038	0.0044	0.9333	0.8599
20	2012	EXT	EB	NT	Mainline	5.97	7.06	111.65	58.69	19060	18554	2.1666	1.9919	0.1793	0.0076	0.1718	0.3944	0.0365	0.0080	0.0098	2.1066	1.9498
21	2012	EXT	EB	NT	Mainline	0.64	0.76	12.06	6.12	2023	1969	0.2251	0.2070	0.0193	0.0008	0.0179	0.0413	0.0040	0.0009	0.0010	0.2186	0.2011
22	2012	EXT	EB	NT	Mainline	2.23	2.65	43.57	18.83	6816	6615	0.6629	0.6093	0.0685	0.0031	0.0547	0.1299	0.0144	0.0030	0.0030	0.6387	0.5872
23	2012	EXT	EB	NT	Mainline	5.23	6.18	99.84	47.70	16311	15855	1.7244	1.5851	0.1586	0.0069	0.1392	0.3246	0.0328	0.0070	0.0078	1.6698	1.5396
24	2012	EXT	EB	NT	Mainline	1.79	2.12	34.62	15.86	5555	5396	0.5643	0.5187	0.0546	0.0024	0.0462	0.1084	0.0114	0.0024	0.0026	0.5452	0.5046
25	2012	EXT	EB	NT	Mainline	1.21	1.43	23.35	10.44	3704	3596	0.3717	0.3417	0.0369	0.0016	0.0304	0.0717	0.0077	0.0016	0.0017	0.3588	0.3294
26	2012	EXT	EB	NT	Mainline	10.58	12.53	205.84	88.67	32132	31181	3.1427	2.8884	0.3243	0.0145	0.2580	0.6131	0.0682	0.0140	0.0144	3.0279	2.7624
27	2012	EXT	EB	NT	Mainline	7.89	9.34	153.69	65.71	23918	23208	2.3218	2.1339	0.2419	0.0109	0.1911	0.4548	0.0509	0.0104	0.0106	2.2360	2.0412

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
28	2012	EXT	EB	NT	Mainline	4.44	5.26	85.92	37.84	13534	13138	1.3535	1.2440	0.1358	0.0061	0.1102	0.2609	0.0285	0.0059	0.0062	1.3057	1.1887
29	2012	EXT	EB	NT	Mainline	2.90	3.43	56.70	23.64	8732	8469	0.8290	0.7619	0.0890	0.0040	0.0687	0.1642	0.0188	0.0038	0.0038	0.7972	0.7272
30	2012	EXT	EB	NT	Mainline																	
31	2012	EXT	EB	NT	Mainline																	
32	2012	EXT	EB	NT	Mainline	4.05	4.79	78.46	34.20	12306	11944	1.2186	1.1200	0.1239	0.0055	0.0996	0.2362	0.0260	0.0054	0.0056	1.1749	1.0702
33	2012	EXT	EB	NT	Mainline	3.79	4.49	74.27	31.15	11469	11125	1.0924	1.0040	0.1166	0.0053	0.0905	0.2161	0.0246	0.0050	0.0050	1.0508	0.9605
34	2012	EXT	EB	NT	Mainline	4.39	5.20	84.19	39.21	13592	13206	1.4163	1.3019	0.1336	0.0059	0.1144	0.2680	0.0277	0.0058	0.0064	1.3700	1.2553
35	2012	EXT	EB	NT	Mainline	2.37	2.81	46.51	19.68	7211	6996	0.6878	0.6321	0.0729	0.0033	0.0571	0.1362	0.0154	0.0031	0.0032	0.6618	0.6084
36	2012	EXT	EB	NT	Mainline																	
37	2012	EXT	EB	NT	Mainline																	
38	2012	EXT	EB	NT	Mainline	5.77	6.82	111.26	50.22	17720	17208	1.7977	1.6524	0.1759	0.0078	0.1463	0.3447	0.0367	0.0077	0.0082	1.7361	1.5906
39	2012	EXT	EB	NT	Mainline	5.78	6.84	112.80	48.33	17579	17058	1.6993	1.5619	0.1772	0.0079	0.1404	0.3340	0.0373	0.0077	0.0078	1.6364	1.5021
40	2012	EXT	EB	NT	Mainline	3.77	4.46	72.43	32.73	11532	11199	1.1820	1.0865	0.1149	0.0051	0.0955	0.2250	0.0240	0.0050	0.0054	1.1420	1.0379
41	2012	EXT	EB	NT	Mainline	1.40	1.66	27.40	11.69	4263	4136	0.4109	0.3777	0.0430	0.0019	0.0340	0.0809	0.0091	0.0019	0.0019	0.3956	0.3629
42	2012	EXT	EB	NT	Mainline	4.31	5.11	83.24	37.55	13253	12870	1.3452	1.2365	0.1317	0.0058	0.1094	0.2578	0.0275	0.0057	0.0061	1.2992	1.1893
43	2012	EXT	EB	NT	Mainline	1.79	2.12	34.85	15.04	5448	5287	0.5310	0.4880	0.0548	0.0025	0.0437	0.1039	0.0115	0.0024	0.0024	0.5116	0.4689
44	2012	EXT	EB	NT	Mainline	4.53	5.36	87.40	39.29	13895	13493	1.4064	1.2927	0.1382	0.0061	0.1145	0.2699	0.0289	0.0060	0.0064	1.3580	1.2429
45	2012	EXT	EB	NT	Mainline	1.20	1.42	23.20	10.20	3655	3548	0.3625	0.3332	0.0366	0.0016	0.0297	0.0703	0.0077	0.0016	0.0017	0.3496	0.3202
46	2012	EXT	EB	NT	Mainline	3.31	3.92	63.75	28.88	10167	9874	1.0369	0.9531	0.1009	0.0045	0.0842	0.1982	0.0210	0.0044	0.0047	1.0016	0.9160
47	2012	EXT	EB	NT	Mainline	0.18	0.22	3.54	1.55	557	541	0.0555	0.0510	0.0056	0.0002	0.0045	0.0107	0.0012	0.0002	0.0003	0.0535	0.0487
48	2012	EXT	EB	NT	Mainline	3.76	4.45	72.32	32.79	11532	11199	1.1838	1.0881	0.1147	0.0051	0.0957	0.2252	0.0239	0.0050	0.0054	1.1438	1.0406
49	2012	EXT	EB	NT	Mainline	0.31	0.36	5.96	2.64	942	914	0.0944	0.0868	0.0094	0.0004	0.0077	0.0182	0.0020	0.0004	0.0004	0.0911	0.0831
50	2012	EXT	EB	NT	Mainline	5.41	6.40	103.66	48.26	16732	16256	1.7443	1.6033	0.1646	0.0072	0.1408	0.3299	0.0342	0.0072	0.0079	1.6872	1.5451
51	2012	EXT	EB	NT	Mainline	0.89	1.06	17.69	7.10	2685	2603	0.2444	0.2246	0.0276	0.0013	0.0206	0.0496	0.0059	0.0012	0.0011	0.2345	0.2151
52	2012	EXT	EB	NT	Mainline	1.31	1.55	26.07	10.10	3901	3779	0.3435	0.3156	0.0405	0.0019	0.0292	0.0709	0.0086	0.0017	0.0016	0.3287	0.3014
53	2012	EXT	EB	NT	Mainline	0.98	1.16	19.38	7.89	2959	2868	0.2721	0.2501	0.0303	0.0014	0.0229	0.0549	0.0064	0.0013	0.0013	0.2612	0.2403
54	2012	EXT	EB	NT	Mainline	5.62	6.67	111.36	45.52	17041	16523	1.5559	1.4299	0.1732	0.0079	0.1316	0.3158	0.0366	0.0074	0.0072	1.4934	1.3873
55	2012	EXT	EB	NT	Mainline	2.66	3.15	52.87	20.88	7974	7728	0.7115	0.6538	0.0822	0.0038	0.0604	0.1459	0.0175	0.0035	0.0033	0.6816	0.6279
56	2012	EXT	EB	NT	Mainline	6.70	7.95	132.23	54.90	20359	19745	1.8910	1.7379	0.2062	0.0093	0.1590	0.3802	0.0435	0.0089	0.0087	1.8169	1.6840
57	2012	EXT	EB	NT	Mainline	1.85	2.19	36.43	14.66	5533	5363	0.5071	0.4660	0.0570	0.0026	0.0425	0.1024	0.0121	0.0024	0.0023	0.4865	0.4447
58	2012	EXT	EB	NT	Mainline	6.61	7.83	129.60	53.79	19925	19324	1.8827	1.7303	0.2034	0.0092	0.1562	0.3739	0.0430	0.0087	0.0087	1.8100	1.6520
59	2012	EXT	EB	NT	Mainline	1.66	1.96	32.88	12.87	4939	4786	0.4405	0.4048	0.0512	0.0024	0.0373	0.0902	0.0109	0.0022	0.0020	0.4219	0.3858
60	2012	EXT	EB	NT	Mainline	7.27	8.61	143.97	56.76	21685	21014	1.9498	1.7919	0.2246	0.0103	0.1644	0.3975	0.0478	0.0096	0.0090	1.8685	1.7070
61	2012	EXT	EB	NT	Mainline	1.57	1.86	31.20	12.03	4657	4512	0.4118	0.3784	0.0487	0.0022	0.0348	0.0846	0.0104	0.0021	0.0019	0.3941	0.3585
62	2012	EXT	EB	NT	Mainline	3.22	3.82	63.51	25.48	9629	9334	0.8859	0.8142	0.0995	0.0045	0.0740	0.1782	0.0211	0.0043	0.0041	0.8501	0.7725
63	2012	EXT	EB	NT	Mainline	1.29	1.52	24.96	10.84	3908	3793	0.3859	0.3547	0.0394	0.0018	0.0316	0.0749	0.0083	0.0017	0.0018	0.3720	0.3387
64	2012	EXT	EB	NT	Mainline	4.19	4.96	80.24	37.37	12952	12585	1.3516	1.2424	0.1274	0.0056	0.1090	0.2555	0.0265	0.0056	0.0062	1.3074	1.1965
65	2012	EXT	EB	NT	Mainline	1.36	1.61	26.31	11.70	4163	4042	0.4167	0.3830	0.0415	0.0018	0.0341	0.0804	0.0087	0.0018	0.0019	0.4021	0.3685
66	2012	EXT	EB	NT	Mainline	0.42	0.50	8.30	3.42	1273	1235	0.1193	0.1096	0.0130	0.0006	0.0099	0.0238	0.0027	0.0006	0.0005	0.1146	0.1049
67	2012	EXT	EB	NT	Mainline	7.16	8.48	138.04	62.80	22064	21430	2.2496	2.0678	0.2184	0.0096	0.1830	0.4304	0.0455	0.0095	0.0103	2.1734	1.9944
68	2012	EXT	EB	NT	Mainline	2.26	2.68	43.96	19.21	6909	6706	0.6790	0.6241	0.0692	0.0031	0.0559	0.1324	0.0145	0.0030	0.0031	0.6546	0.6015
69	2012	EXT	EB	NT	Mainline	5.20	6.15	97.90	49.42	16383	15939	1.8246	1.6774	0.1569	0.0067	0.1447	0.3343	0.0322	0.0070	0.0083	1.7716	1.6235
70	2012	EXT	EB	NT	Mainline	3.17	3.75	60.27	28.82	9836	9561	1.0562	0.9709	0.0962	0.0042	0.0843	0.1966	0.0199	0.0042	0.0048	1.0232	0.9314
71	2012	EXT	EB	NT	Mainline	4.16	4.92	77.62	40.26	13135	12783	1.5105	1.3887	0.1253	0.0053	0.1181	0.2718	0.0256	0.0056	0.0068	1.4687	1.3337
72	2012	EXT	EB	NT	Mainline	4.98	5.99	45.99	22.08	8514	8277	0.5594	0.5140	0.1412	0.0047	0.2172	0.4666	0.0252	0.0050	0.0028	0.5106	2.7331
73	2012	EXT	EB	NT	Ramp	0.09	0.11	1.90	0.38	238	229	0.0064	0.0058	0.0030	0.0001	0.0014	0.0039	0.0007	0.0001	0.0000	0.0049	0.0125
74	2012	EXT	EB	NT	Ramp	0.09	0.11	1.41	0.31	201	193	0.0063	0.0058	0.0028	0.0001	0.0016	0.0042	0.0006	0.0001	0.0000	0.0049	0.0157
75	2012	EXT	EB	NT	Ramp	0.12	0.15	2.54	0.46	317	304	0.0075	0.0069	0.0041	0.0002	0.0018	0.0050	0.0009	0.0002	0.0000	0.0054	0.0143

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
76	2012	EXT	EB	NT	Ramp	0.22	0.28	3.70	0.64	502	482	0.0118	0.0108	0.0072	0.0004	0.0033	0.0090	0.0016	0.0003	0.0001	0.0079	0.0269
77	2012	EXT	EB	NT	Ramp	0.17	0.21	3.35	0.65	425	408	0.0111	0.0101	0.0054	0.0003	0.0026	0.0070	0.0012	0.0003	0.0001	0.0083	0.0219
78	2012	EXT	EB	NT	Ramp	0.20	0.25	3.23	0.58	446	428	0.0111	0.0101	0.0065	0.0003	0.0032	0.0086	0.0014	0.0003	0.0001	0.0077	0.0279
79	2012	EXT	EB	NT	Ramp	0.23	0.28	4.43	0.85	571	548	0.0146	0.0134	0.0075	0.0004	0.0035	0.0095	0.0017	0.0003	0.0001	0.0108	0.0293
80	2012	EXT	EB	NT	Ramp	0.33	0.41	5.60	0.98	759	728	0.0180	0.0165	0.0109	0.0005	0.0049	0.0135	0.0024	0.0005	0.0001	0.0123	0.0403
81	2012	EXT	EB	NT	Ramp	0.12	0.15	2.21	0.67	318	307	0.0134	0.0123	0.0038	0.0002	0.0029	0.0070	0.0008	0.0002	0.0001	0.0117	0.0309
82	2012	EXT	EB	NT	Ramp	0.07	0.09	1.27	0.18	167	160	0.0031	0.0028	0.0024	0.0001	0.0009	0.0026	0.0005	0.0001	0.0000	0.0017	0.0056
83	2012	EXT	EB	NT	Ramp	0.06	0.07	0.78	0.55	163	160	0.0129	0.0119	0.0017	0.0001	0.0025	0.0055	0.0003	0.0001	0.0001	0.0124	0.0321
84	2012	EXT	EB	NT	Ramp	0.10	0.13	2.27	0.38	269	258	0.0055	0.0050	0.0034	0.0002	0.0013	0.0038	0.0008	0.0002	0.0000	0.0038	0.0094
85	2012	EXT	EB	NT	Ramp	0.10	0.12	1.85	0.74	284	276	0.0159	0.0147	0.0029	0.0001	0.0029	0.0066	0.0006	0.0001	0.0001	0.0148	0.0329
86	2012	EXT	EB	NT	Ramp	0.39	0.48	7.66	1.91	1026	988	0.0356	0.0326	0.0125	0.0006	0.0078	0.0195	0.0027	0.0006	0.0002	0.0296	0.0767
87	2012	EXT	EB	NT	Ramp	0.17	0.22	2.87	0.54	395	380	0.0104	0.0096	0.0056	0.0003	0.0028	0.0075	0.0012	0.0003	0.0001	0.0075	0.0248
88	2012	EXT	EB	NT	Ramp	0.12	0.15	1.98	0.91	332	323	0.0200	0.0184	0.0036	0.0001	0.0040	0.0090	0.0007	0.0001	0.0001	0.0186	0.0474
89	2012	EXT	EB	NT	Ramp	0.10	0.13	1.69	0.31	231	222	0.0058	0.0054	0.0033	0.0002	0.0016	0.0043	0.0007	0.0002	0.0000	0.0041	0.0138
90	2012	EXT	EB	NT	Ramp	0.15	0.18	1.83	0.96	345	336	0.0233	0.0215	0.0044	0.0002	0.0056	0.0124	0.0008	0.0002	0.0001	0.0217	0.0692
91	2012	EXT	EB	NT	Ramp	0.28	0.34	5.36	1.37	724	698	0.0259	0.0238	0.0088	0.0004	0.0056	0.0140	0.0019	0.0004	0.0001	0.0218	0.0562
92	2012	EXT	EB	NT	Ramp	0.28	0.34	4.06	1.07	610	588	0.0232	0.0213	0.0087	0.0004	0.0066	0.0158	0.0018	0.0004	0.0001	0.0191	0.0703
93	2012	EXT	EB	NT	Ramp	4.22	4.99	56.71	45.68	12695	12456	1.1009	1.0123	0.1163	0.0036	0.1953	0.4155	0.0201	0.0043	0.0050	1.0679	2.4870
94	2012	EXT	EB	NT	Ramp	0.91	1.10	18.93	4.61	2448	2359	0.0830	0.0761	0.0287	0.0014	0.0173	0.0438	0.0062	0.0013	0.0005	0.0695	0.1674
95	2012	EXT	EB	NT	Ramp	0.10	0.12	1.97	0.59	270	261	0.0115	0.0105	0.0030	0.0001	0.0022	0.0054	0.0006	0.0001	0.0001	0.0101	0.0235
96	2012	EXT	EB	NT	Ramp	0.21	0.26	5.25	0.80	582	557	0.0097	0.0088	0.0071	0.0004	0.0023	0.0071	0.0016	0.0003	0.0001	0.0061	0.0132
97	2012	EXT	EB	NT	Ramp	0.11	0.13	1.25	1.15	306	301	0.0279	0.0256	0.0029	0.0001	0.0053	0.0112	0.0005	0.0001	0.0001	0.0271	0.0686
98	2012	EXT	EB	NT	Ramp	0.11	0.13	2.05	0.66	296	286	0.0133	0.0122	0.0034	0.0001	0.0027	0.0065	0.0007	0.0001	0.0001	0.0119	0.0298
99	2012	EXT	EB	NT	Ramp	0.30	0.36	5.50	1.90	814	789	0.0391	0.0359	0.0092	0.0004	0.0080	0.0187	0.0019	0.0004	0.0002	0.0352	0.0886
100	2012	EXT	EB	NT	Ramp	0.30	0.36	5.99	1.43	784	755	0.0258	0.0237	0.0095	0.0005	0.0056	0.0143	0.0021	0.0004	0.0001	0.0213	0.0541
101	2012	EXT	EB	NT	Ramp																	
102	2012	EXT	EB	NT	Ramp																	
103	2012	EXT	EB	NT	Ramp	0.08	0.09	1.70	0.36	209	201	0.0060	0.0055	0.0025	0.0001	0.0013	0.0034	0.0005	0.0001	0.0000	0.0048	0.0112
104	2012	EXT	EB	NT	Ramp	0.28	0.35	4.54	0.98	645	620	0.0198	0.0182	0.0091	0.0004	0.0053	0.0136	0.0020	0.0004	0.0001	0.0152	0.0511
105	2012	EXT	EB	NT	Ramp	0.16	0.19	3.24	0.65	405	389	0.0109	0.0100	0.0050	0.0002	0.0025	0.0066	0.0011	0.0002	0.0001	0.0084	0.0213
106	2012	EXT	EB	NT	Ramp	0.04	0.05	0.74	0.11	98	94	0.0018	0.0016	0.0014	0.0001	0.0005	0.0015	0.0003	0.0001	0.0000	0.0010	0.0033
107	2012	EXT	EB	NT	Ramp																	
108	2012	EXT	EB	NT	Ramp																	
109	2012	EXT	EB	NT	Ramp	0.22	0.26	4.10	0.96	548	528	0.0177	0.0162	0.0069	0.0003	0.0040	0.0102	0.0015	0.0003	0.0001	0.0143	0.0383
110	2012	EXT	EB	NT	Ramp	0.35	0.44	6.00	0.99	802	769	0.0176	0.0161	0.0115	0.0006	0.0048	0.0136	0.0026	0.0006	0.0001	0.0115	0.0370
111	2012	EXT	EB	NT	Ramp	0.11	0.13	2.25	0.58	295	285	0.0106	0.0098	0.0034	0.0002	0.0022	0.0055	0.0007	0.0002	0.0001	0.0091	0.0217
112	2012	EXT	EB	NT	Ramp	0.31	0.39	5.25	0.93	715	686	0.0174	0.0160	0.0103	0.0005	0.0048	0.0130	0.0023	0.0005	0.0001	0.0120	0.0401
113	2012	EXT	EB	NT	Ramp	0.18	0.22	3.76	0.66	457	438	0.0101	0.0092	0.0058	0.0003	0.0024	0.0068	0.0013	0.0003	0.0001	0.0071	0.0181
114	2012	EXT	EB	NT	Ramp	0.21	0.26	3.71	0.50	478	457	0.0079	0.0072	0.0069	0.0004	0.0022	0.0068	0.0016	0.0003	0.0001	0.0041	0.0123
115	2012	EXT	EB	NT	Ramp	0.17	0.21	3.57	0.68	441	423	0.0110	0.0101	0.0055	0.0003	0.0025	0.0069	0.0012	0.0003	0.0001	0.0082	0.0209
116	2012	EXT	EB	NT	Ramp	0.10	0.12	1.70	0.26	223	214	0.0045	0.0041	0.0032	0.0002	0.0012	0.0035	0.0007	0.0002	0.0000	0.0028	0.0082
117	2012	EXT	EB	NT	Ramp	0.12	0.15	2.40	0.63	325	313	0.0118	0.0109	0.0039	0.0002	0.0026	0.0063	0.0008	0.0002	0.0001	0.0100	0.0257
118	2012	EXT	EB	NT	Ramp	0.11	0.13	1.91	0.27	246	235	0.0043	0.0039	0.0035	0.0002	0.0012	0.0036	0.0008	0.0002	0.0000	0.0023	0.0069
119	2012	EXT	EB	NT	Ramp	0.15	0.18	3.09	0.61	384	369	0.0100	0.0091	0.0048	0.0002	0.0023	0.0061	0.0011	0.0002	0.0001	0.0076	0.0192
120	2012	EXT	EB	NT	Ramp	0.08	0.10	1.39	0.21	181	173	0.0034	0.0031	0.0026	0.0001	0.0009	0.0027	0.0006	0.0001	0.0000	0.0020	0.0060
121	2012	EXT	EB	NT	Ramp	0.13	0.16	2.85	0.76	371	358	0.0140	0.0128	0.0042	0.0002	0.0027	0.0067	0.0009	0.0002	0.0001	0.0121	0.0267
122	2012	EXT	EB	NT	Ramp	2.10	2.56	44.17	11.94	5842	5637	0.2237	0.2052	0.0661	0.0031	0.0438	0.1085	0.0142	0.0029	0.0012	0.1937	0.4434
123	2012	EXT	EB	NT	Ramp	1.49	1.80	29.62	9.74	4206	4070	0.1964	0.1803	0.0458	0.0020	0.0369	0.0877	0.0095	0.0020	0.0010	0.1768	0.4020

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
124	2012	EXT	EB	NT	Ramp	0.13	0.16	2.43	0.55	329	317	0.0103	0.0095	0.0043	0.0002	0.0024	0.0062	0.0009	0.0002	0.0001	0.0082	0.0226
125	2012	EXT	EB	NT	Ramp																	
126	2012	EXT	EB	NT	Ramp	0.10	0.12	1.69	0.27	225	216	0.0047	0.0043	0.0032	0.0002	0.0013	0.0037	0.0007	0.0002	0.0000	0.0029	0.0095
127	2012	EXT	EB	NT	Ramp	0.31	0.38	5.72	1.28	764	735	0.0236	0.0217	0.0098	0.0005	0.0055	0.0141	0.0021	0.0005	0.0001	0.0188	0.0511
128	2012	EXT	EB	NT	Ramp	0.03	0.03	0.63	0.08	70	67	0.0009	0.0009	0.0009	0.0000	0.0003	0.0008	0.0002	0.0000	0.0000	0.0005	0.0011
129	2012	EXT	EB	NT	Ramp	0.15	0.18	3.30	0.75	414	398	0.0129	0.0118	0.0048	0.0002	0.0027	0.0069	0.0011	0.0002	0.0001	0.0106	0.0245
130	2012	EXT	EB	NT	Ramp	0.27	0.34	6.05	0.95	708	678	0.0131	0.0120	0.0090	0.0005	0.0032	0.0096	0.0020	0.0004	0.0001	0.0085	0.0210
131	2012	EXT	EB	NT	Ramp	0.19	0.22	3.69	1.20	523	506	0.0242	0.0222	0.0057	0.0003	0.0046	0.0109	0.0012	0.0002	0.0001	0.0217	0.0498
132	2012	EXT	EB	NT	Ramp	0.10	0.12	2.26	0.36	264	253	0.0050	0.0045	0.0033	0.0002	0.0012	0.0036	0.0007	0.0002	0.0000	0.0033	0.0080
133	2012	EXT	EB	NT	Ramp	0.31	0.38	6.71	1.52	844	813	0.0263	0.0241	0.0099	0.0005	0.0055	0.0142	0.0022	0.0004	0.0002	0.0215	0.0507
134	2012	EXT	EB	NT	Ramp	0.81	1.00	17.56	3.37	2140	2055	0.0535	0.0490	0.0263	0.0013	0.0121	0.0331	0.0058	0.0012	0.0003	0.0405	0.1002
135	2012	EXT	EB	NT	Ramp	0.25	0.30	5.39	1.14	665	639	0.0190	0.0174	0.0079	0.0004	0.0040	0.0107	0.0017	0.0004	0.0001	0.0152	0.0358
136	2012	EXT	EB	NT	Ramp	0.06	0.08	1.11	0.16	144	138	0.0025	0.0023	0.0021	0.0001	0.0007	0.0021	0.0005	0.0001	0.0000	0.0013	0.0041
137	2012	EXT	EB	NT	Ramp	1.77	2.16	34.75	9.57	4733	4568	0.1827	0.1677	0.0555	0.0026	0.0383	0.0940	0.0118	0.0024	0.0010	0.1573	0.3948
138	2012	EXT	EB	NT	Ramp	0.12	0.15	2.36	0.41	294	283	0.0066	0.0061	0.0038	0.0002	0.0016	0.0045	0.0009	0.0002	0.0000	0.0046	0.0123
139	2012	EXT	EB	NT	Ramp	0.16	0.21	3.02	0.42	386	370	0.0066	0.0060	0.0055	0.0003	0.0018	0.0055	0.0013	0.0003	0.0001	0.0035	0.0100
140	2012	EXT	EB	NT	Ramp	0.33	0.41	7.45	1.08	859	822	0.0139	0.0127	0.0110	0.0006	0.0036	0.0110	0.0025	0.0005	0.0001	0.0081	0.0200
141	2012	EXT	EB	NT	Ramp	0.10	0.12	2.35	0.30	261	250	0.0032	0.0029	0.0034	0.0002	0.0009	0.0030	0.0008	0.0002	0.0000	0.0014	0.0032
142	2012	EXT	EB	NT	Ramp	0.13	0.17	3.28	0.49	362	347	0.0057	0.0052	0.0044	0.0002	0.0014	0.0044	0.0010	0.0002	0.0000	0.0035	0.0076
143	2012	EXT	EB	NT	Ramp	0.06	0.07	1.36	0.19	153	146	0.0021	0.0020	0.0020	0.0001	0.0006	0.0018	0.0004	0.0001	0.0000	0.0011	0.0027
144	2012	EXT	EB	NT	HOV	3.40	4.10	83.68	10.57	9029	8621	0.0640	0.0576	0.1128	0.0061	0.0242	0.0889	0.0263	0.0045	0.0007	0.0130	0.0169
145	2012	EXT	EB	NT	HOV	3.40	4.10	83.68	10.57	9029	8621	0.0640	0.0576	0.1128	0.0061	0.0242	0.0889	0.0263	0.0045	0.0007	0.0130	0.0169
146	2012	EXT	EB	NT	HOV	3.40	4.10	83.68	10.57	9029	8621	0.0640	0.0576	0.1128	0.0061	0.0242	0.0889	0.0263	0.0045	0.0007	0.0130	0.0169
147	2012	EXT	EB	NT	HOV	3.40	4.10	83.68	10.57	9029	8621	0.0640	0.0576	0.1128	0.0061	0.0242	0.0889	0.0263	0.0045	0.0007	0.0130	0.0169
148	2012	EXT	EB	NT	HOV	3.40	4.10	83.68	10.57	9029	8621	0.0640	0.0576	0.1128	0.0061	0.0242	0.0889	0.0263	0.0045	0.0007	0.0130	0.0169
149	2012	EXT	EB	NT	HOV	4.93	5.95	122.72	15.57	13170	12575	0.0934	0.0842	0.1636	0.0088	0.0351	0.1289	0.0382	0.0066	0.0010	0.0188	0.0248
150	2012	EXT	EB	NT	HOV	4.93	5.95	122.72	15.57	13170	12575	0.0934	0.0842	0.1636	0.0088	0.0351	0.1289	0.0382	0.0066	0.0010	0.0188	0.0248
151	2012	EXT	EB	NT	HOV	4.93	5.95	122.72	15.57	13170	12575	0.0934	0.0842	0.1636	0.0088	0.0351	0.1289	0.0382	0.0066	0.0010	0.0188	0.0248
152	2012	EXT	EB	NT	HOV	4.93	5.95	122.72	15.57	13170	12575	0.0934	0.0842	0.1636	0.0088	0.0351	0.1289	0.0382	0.0066	0.0010	0.0188	0.0248
153	2012	EXT	EB	NT	HOV	2.79	3.37	70.46	8.97	7506	7168	0.0534	0.0481	0.0926	0.0050	0.0198	0.0729	0.0216	0.0038	0.0006	0.0107	0.0143
154	2012	EXT	EB	NT	HOV	2.79	3.37	70.46	8.97	7506	7168	0.0534	0.0481	0.0926	0.0050	0.0198	0.0729	0.0216	0.0038	0.0006	0.0107	0.0143
155	2012	EXT	EB	NT	HOV	2.79	3.37	70.46	8.97	7506	7168	0.0534	0.0481	0.0926	0.0050	0.0198	0.0729	0.0216	0.0038	0.0006	0.0107	0.0143
156	2012	EXT	EB	NT	HOV	2.51	3.02	61.56	7.76	6653	6353	0.0471	0.0424	0.0833	0.0045	0.0179	0.0657	0.0194	0.0033	0.0005	0.0096	0.0124
157	2012	EXT	EB	NT	HOV	2.51	3.02	61.56	7.76	6653	6353	0.0471	0.0424	0.0833	0.0045	0.0179	0.0657	0.0194	0.0033	0.0005	0.0096	0.0124
158	2012	EXT	EB	NT	HOV	1.42	1.72	36.62	4.63	3859	3685	0.0276	0.0249	0.0472	0.0025	0.0101	0.0372	0.0110	0.0020	0.0003	0.0054	0.0075
159	2012	EXT	EB	NT	HOV	1.32	1.61	34.89	4.34	3616	3453	0.0263	0.0237	0.0440	0.0024	0.0094	0.0346	0.0102	0.0019	0.0003	0.0050	0.0074
160	2012	EXT	EB	NT	HOV	1.32	1.61	34.89	4.34	3616	3453	0.0263	0.0237	0.0440	0.0024	0.0094	0.0346	0.0102	0.0019	0.0003	0.0050	0.0074
161	2012	EXT	EB	NT	HOV																	
162	2012	EXT	EB	NT	HOV																	
163	2012	EXT	EB	NT	HOV																	
164	2012	EXT	EB	NT	HOV																	
165	2012	EXT	EB	NT	HOV																	
166	2012	EXT	EB	NT	HOV																	
167	2012	EXT	EB	NT	HOV																	
168	2012	EXT	EB	NT	HOV																	
169	2012	EXT	EB	NT	HOV																	
170	2012	EXT	EB	NT	HOV																	
171	2012	EXT	EB	NT	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
172	2012	EXT	EB	NT	HOV																	
173	2012	EXT	EB	NT	HOV																	
174	2012	EXT	EB	NT	HOV																	
175	2012	EXT	EB	NT	HOV																	
176	2012	EXT	EB	NT	HOV																	
177	2012	EXT	EB	NT	HOV																	
178	2012	EXT	EB	NT	HOV																	
179	2012	EXT	EB	NT	HOV																	
180	2012	EXT	EB	NT	HOV																	
181	2012	EXT	EB	NT	HOV																	
182	2012	EXT	EB	NT	HOV																	
183	2012	EXT	EB	NT	HOV																	
184	2012	EXT	EB	NT	HOV																	
185	2012	EXT	EB	NT	HOV																	
186	2012	EXT	EB	NT	HOV																	
187	2012	EXT	EB	NT	HOV																	
188	2012	EXT	EB	NT	HOV																	
189	2012	EXT	EB	NT	HOV																	
190	2012	EXT	EB	NT	HOV																	
191	2012	EXT	EB	NT	HOV																	
192	2012	EXT	EB	NT	HOV																	
193	2012	EXT	EB	NT	HOV																	
194	2012	EXT	EB	NT	HOV																	
195	2012	EXT	EB	NT	HOV																	
196	2012	EXT	EB	NT	HOV																	
197	2012	EXT	EB	NT	HOV																	
198	2012	EXT	EB	NT	HOV																	
199	2012	EXT	EB	NT	HOV																	
200	2012	EXT	EB	NT	HOV																	
201	2012	EXT	EB	NT	HOV																	
202	2012	EXT	EB	NT	HOV																	
203	2012	EXT	EB	NT	HOV																	
204	2012	EXT	EB	NT	HOV																	
205	2012	EXT	EB	NT	HOV																	
206	2012	EXT	EB	NT	HOV																	
207	2012	EXT	EB	NT	HOV																	
208	2012	EXT	EB	NT	HOV																	
209	2012	EXT	EB	NT	HOV																	
210	2012	EXT	EB	NT	HOV																	
211	2012	EXT	EB	NT	HOV																	
212	2012	EXT	EB	NT	HOV																	
213	2012	EXT	EB	NT	HOV																	
214	2012	EXT	EB	NT	HOV																	
215	2012	EXT	EB	NT	HOV																	
216	2012	EXT	WB	AM	Mainline	5.16	6.27	120.97	26.96	14690	14136	0.4580	0.4198	0.1651	0.0081	0.0849	0.2244	0.0364	0.0072	0.0026	0.3815	0.7503
217	2012	EXT	WB	AM	Mainline	4.29	5.17	102.15	24.46	12600	12130	0.4639	0.4254	0.1370	0.0068	0.0687	0.1827	0.0303	0.0058	0.0025	0.4034	0.5931
218	2012	EXT	WB	AM	Mainline	3.34	4.01	76.56	17.42	9525	9158	0.3819	0.3503	0.1077	0.0054	0.0465	0.1292	0.0242	0.0044	0.0020	0.3367	0.3532
219	2012	EXT	WB	AM	Mainline	4.66	5.59	108.96	25.29	13492	12977	0.5237	0.4803	0.1496	0.0075	0.0671	0.1844	0.0335	0.0062	0.0028	0.4596	0.5293

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
220	2012	EXT	WB	AM	Mainline	2.70	3.25	64.66	14.03	7793	7490	0.2622	0.2404	0.0869	0.0044	0.0370	0.1035	0.0195	0.0036	0.0014	0.2241	0.2807
221	2012	EXT	WB	AM	Mainline	2.89	3.47	68.26	15.16	8329	8007	0.2992	0.2744	0.0931	0.0047	0.0399	0.1113	0.0209	0.0039	0.0016	0.2590	0.3035
222	2012	EXT	WB	AM	Mainline	2.87	3.45	66.71	14.39	8150	7831	0.2946	0.2701	0.0928	0.0047	0.0379	0.1073	0.0209	0.0038	0.0016	0.2550	0.2735
223	2012	EXT	WB	AM	Mainline	1.36	1.63	31.92	6.82	3872	3720	0.1343	0.1231	0.0439	0.0022	0.0178	0.0506	0.0099	0.0018	0.0007	0.1154	0.1281
224	2012	EXT	WB	AM	Mainline	1.71	2.06	40.57	7.78	4787	4593	0.1371	0.1256	0.0556	0.0029	0.0199	0.0590	0.0127	0.0023	0.0008	0.1129	0.1236
225	2012	EXT	WB	AM	Mainline	1.10	1.32	26.02	5.02	3081	2956	0.0902	0.0826	0.0359	0.0019	0.0129	0.0381	0.0082	0.0015	0.0005	0.0746	0.0806
226	2012	EXT	WB	AM	Mainline	5.13	6.16	118.03	22.60	14117	13542	0.4344	0.3980	0.1671	0.0086	0.0593	0.1761	0.0381	0.0067	0.0024	0.3636	0.3616
227	2012	EXT	WB	AM	Mainline	2.01	2.41	46.15	8.44	5463	5238	0.1555	0.1424	0.0657	0.0034	0.0222	0.0671	0.0150	0.0026	0.0009	0.1277	0.1256
228	2012	EXT	WB	AM	Mainline	1.02	1.23	23.89	4.36	2811	2695	0.0762	0.0697	0.0334	0.0017	0.0112	0.0340	0.0076	0.0013	0.0004	0.0618	0.0635
229	2012	EXT	WB	AM	Mainline	6.49	7.81	155.86	29.12	18194	17450	0.4843	0.4433	0.2114	0.0110	0.0736	0.2202	0.0482	0.0087	0.0028	0.3913	0.4405
230	2012	EXT	WB	AM	Mainline	1.48	1.78	35.79	6.73	4165	3995	0.1102	0.1009	0.0481	0.0025	0.0170	0.0506	0.0109	0.0020	0.0006	0.0889	0.1046
231	2012	EXT	WB	AM	Mainline	6.18	7.43	146.77	27.98	17294	16590	0.4897	0.4485	0.2012	0.0104	0.0715	0.2124	0.0458	0.0082	0.0028	0.4022	0.4402
232	2012	EXT	WB	AM	Mainline	1.59	1.92	38.55	7.32	4495	4312	0.1211	0.1109	0.0518	0.0027	0.0186	0.0550	0.0118	0.0021	0.0007	0.0982	0.1161
233	2012	EXT	WB	AM	Mainline	5.26	6.35	130.03	25.06	15059	14452	0.4006	0.3668	0.1709	0.0087	0.0645	0.1877	0.0387	0.0072	0.0024	0.3234	0.4332
234	2012	EXT	WB	AM	Mainline	0.85	1.02	20.41	3.94	2396	2299	0.0673	0.0616	0.0276	0.0014	0.0100	0.0295	0.0063	0.0011	0.0004	0.0551	0.0634
235	2012	EXT	WB	AM	Mainline	3.27	3.95	80.47	15.70	9365	8989	0.2567	0.2351	0.1062	0.0054	0.0404	0.1173	0.0240	0.0045	0.0015	0.2090	0.2738
236	2012	EXT	WB	AM	Mainline	2.11	2.53	50.07	9.89	5938	5698	0.1776	0.1627	0.0683	0.0035	0.0254	0.0742	0.0155	0.0028	0.0010	0.1478	0.1653
237	2012	EXT	WB	AM	Mainline	3.60	4.32	82.72	16.99	10051	9650	0.3482	0.3191	0.1168	0.0060	0.0448	0.1296	0.0265	0.0047	0.0019	0.2988	0.3023
238	2012	EXT	WB	AM	Mainline	1.13	1.35	26.09	5.30	3154	3028	0.1057	0.0969	0.0366	0.0019	0.0139	0.0404	0.0083	0.0015	0.0006	0.0901	0.0928
239	2012	EXT	WB	AM	Mainline	1.01	1.21	23.45	4.73	2824	2711	0.0925	0.0848	0.0328	0.0017	0.0124	0.0359	0.0074	0.0013	0.0005	0.0786	0.0817
240	2012	EXT	WB	AM	Mainline	1.21	1.45	27.97	5.48	3353	3218	0.1057	0.0968	0.0393	0.0020	0.0143	0.0421	0.0089	0.0016	0.0006	0.0889	0.0907
241	2012	EXT	WB	AM	Mainline	4.45	5.34	103.91	20.67	12447	11947	0.3939	0.3609	0.1445	0.0074	0.0538	0.1571	0.0328	0.0059	0.0022	0.3319	0.3500
242	2012	EXT	WB	AM	Mainline	0.31	0.37	7.14	1.40	859	824	0.0275	0.0252	0.0101	0.0005	0.0037	0.0108	0.0023	0.0004	0.0002	0.0232	0.0232
243	2012	EXT	WB	AM	Mainline	3.77	4.52	87.72	17.66	10548	10126	0.3427	0.3141	0.1223	0.0063	0.0461	0.1341	0.0277	0.0050	0.0019	0.2904	0.3048
244	2012	EXT	WB	AM	Mainline	0.55	0.66	12.90	2.60	1547	1485	0.0495	0.0454	0.0179	0.0009	0.0067	0.0196	0.0041	0.0007	0.0003	0.0418	0.0447
245	2012	EXT	WB	AM	Mainline	3.56	4.27	82.68	16.73	9956	9558	0.3266	0.2993	0.1153	0.0059	0.0437	0.1269	0.0261	0.0047	0.0018	0.2774	0.2911
246	2012	EXT	WB	AM	Mainline	2.64	3.17	61.83	12.81	7464	7168	0.2505	0.2296	0.0856	0.0044	0.0334	0.0961	0.0194	0.0035	0.0014	0.2137	0.2305
247	2012	EXT	WB	AM	Mainline	3.66	4.39	84.77	17.77	10299	9891	0.3587	0.3288	0.1183	0.0060	0.0467	0.1337	0.0268	0.0048	0.0019	0.3083	0.3250
248	2012	EXT	WB	AM	Mainline	1.10	1.32	25.83	5.33	3107	2984	0.1021	0.0936	0.0356	0.0018	0.0138	0.0398	0.0081	0.0015	0.0006	0.0867	0.0950
249	2012	EXT	WB	AM	Mainline	3.82	4.58	86.77	17.95	10590	10169	0.3802	0.3485	0.1238	0.0063	0.0478	0.1379	0.0281	0.0050	0.0020	0.3283	0.3241
250	2012	EXT	WB	AM	Mainline	5.62	6.75	132.97	27.49	15955	15322	0.5172	0.4740	0.1818	0.0093	0.0711	0.2043	0.0411	0.0075	0.0028	0.4384	0.4921
251	2012	EXT	WB	AM	Mainline	4.62	5.54	107.96	22.47	13046	12529	0.4405	0.4037	0.1495	0.0076	0.0586	0.1683	0.0338	0.0061	0.0024	0.3764	0.4065
252	2012	EXT	WB	AM	Mainline	3.50	4.20	83.14	17.08	9939	9544	0.3154	0.2891	0.1131	0.0058	0.0441	0.1268	0.0256	0.0047	0.0017	0.2662	0.3038
253	2012	EXT	WB	AM	Mainline																	
254	2012	EXT	WB	AM	Mainline																	
255	2012	EXT	WB	AM	Mainline	4.38	5.26	102.19	21.46	12383	11894	0.4254	0.3899	0.1417	0.0072	0.0561	0.1605	0.0320	0.0058	0.0023	0.3647	0.3932
256	2012	EXT	WB	AM	Mainline	2.88	3.46	66.88	13.67	8079	7757	0.2707	0.2481	0.0935	0.0048	0.0358	0.1036	0.0212	0.0038	0.0015	0.2309	0.2413
257	2012	EXT	WB	AM	Mainline	3.55	4.26	83.83	17.55	10096	9697	0.3350	0.3071	0.1148	0.0059	0.0455	0.1302	0.0259	0.0047	0.0018	0.2854	0.3198
258	2012	EXT	WB	AM	Mainline	3.12	3.75	73.52	14.90	8808	8456	0.2811	0.2576	0.1013	0.0052	0.0386	0.1119	0.0230	0.0041	0.0016	0.2374	0.2591
259	2012	EXT	WB	AM	Mainline																	
260	2012	EXT	WB	AM	Mainline																	
261	2012	EXT	WB	AM	Mainline	3.93	4.71	90.90	18.54	10988	10550	0.3691	0.3383	0.1274	0.0065	0.0486	0.1408	0.0289	0.0052	0.0020	0.3149	0.3261
262	2012	EXT	WB	AM	Mainline	9.62	11.56	228.23	47.53	27406	26321	0.8939	0.8193	0.3113	0.0159	0.1230	0.3521	0.0703	0.0129	0.0049	0.7588	0.8608
263	2012	EXT	WB	AM	Mainline	5.04	6.05	117.80	24.58	14249	13685	0.4840	0.4436	0.1633	0.0083	0.0642	0.1841	0.0369	0.0067	0.0026	0.4140	0.4462
264	2012	EXT	WB	AM	Mainline	1.89	2.28	45.96	9.76	5463	5250	0.1696	0.1555	0.0608	0.0031	0.0263	0.0732	0.0136	0.0026	0.0009	0.1423	0.2027
265	2012	EXT	WB	AM	Mainline	1.01	1.21	23.81	5.13	2888	2775	0.1001	0.0917	0.0326	0.0017	0.0134	0.0378	0.0073	0.0013	0.0005	0.0860	0.0976
266	2012	EXT	WB	AM	Mainline	6.55	7.87	153.70	34.43	18852	18123	0.6962	0.6384	0.2110	0.0107	0.0905	0.2521	0.0474	0.0087	0.0037	0.6057	0.6865
267	2012	EXT	WB	AM	Mainline	1.07	1.29	25.64	5.60	3098	2978	0.1055	0.0967	0.0345	0.0017	0.0148	0.0413	0.0077	0.0014	0.0006	0.0904	0.1128

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
268	2012	EXT	WB	AM	Mainline	0.19	0.23	4.53	1.01	551	530	0.0195	0.0179	0.0061	0.0003	0.0027	0.0074	0.0014	0.0003	0.0001	0.0168	0.0204
269	2012	EXT	WB	AM	Mainline	4.87	5.87	117.10	26.42	14204	13661	0.4916	0.4508	0.1563	0.0078	0.0714	0.1953	0.0349	0.0066	0.0027	0.4226	0.5762
270	2012	EXT	WB	AM	Mainline	2.18	2.63	52.45	11.96	6365	6123	0.2176	0.1995	0.0699	0.0035	0.0332	0.0898	0.0155	0.0030	0.0012	0.1864	0.2768
271	2012	EXT	WB	AM	Mainline	2.62	3.14	59.25	16.58	7809	7531	0.3968	0.3643	0.0831	0.0040	0.0454	0.1178	0.0183	0.0035	0.0020	0.3625	0.4109
272	2012	EXT	WB	AM	Mainline	1.88	2.25	42.60	11.98	5618	5419	0.2845	0.2612	0.0596	0.0029	0.0329	0.0853	0.0131	0.0025	0.0014	0.2598	0.3009
273	2012	EXT	WB	AM	Mainline	1.96	2.34	43.60	12.02	5755	5548	0.3025	0.2777	0.0622	0.0030	0.0329	0.0862	0.0137	0.0026	0.0015	0.2771	0.2923
274	2012	EXT	WB	AM	Mainline	2.27	2.71	50.08	14.02	6656	6418	0.3615	0.3319	0.0719	0.0035	0.0386	0.1006	0.0158	0.0030	0.0018	0.3323	0.3449
275	2012	EXT	WB	AM	Mainline	4.00	4.77	86.10	25.01	11633	11222	0.6980	0.6409	0.1267	0.0062	0.0697	0.1805	0.0279	0.0052	0.0034	0.6479	0.6311
276	2012	EXT	WB	AM	Mainline	1.08	1.29	23.10	6.57	3098	2988	0.1856	0.1704	0.0343	0.0017	0.0184	0.0480	0.0076	0.0014	0.0009	0.1721	0.1640
277	2012	EXT	WB	AM	Mainline	2.34	2.80	50.49	14.82	6845	6605	0.4142	0.3803	0.0742	0.0036	0.0413	0.1066	0.0163	0.0031	0.0020	0.3848	0.3763
278	2012	EXT	WB	AM	Mainline	1.20	1.43	26.21	8.05	3592	3469	0.2159	0.1983	0.0378	0.0018	0.0224	0.0569	0.0083	0.0016	0.0010	0.2008	0.2116
279	2012	EXT	WB	AM	Mainline	2.37	2.84	52.35	15.67	7094	6847	0.4055	0.3723	0.0749	0.0036	0.0434	0.1108	0.0164	0.0031	0.0020	0.3753	0.4058
280	2012	EXT	WB	AM	Mainline	3.34	3.99	72.76	22.46	9996	9652	0.6071	0.5575	0.1053	0.0050	0.0625	0.1587	0.0229	0.0044	0.0029	0.5652	0.5922
281	2012	EXT	WB	AM	Mainline	4.32	5.16	95.92	28.42	12927	12476	0.7176	0.6589	0.1362	0.0066	0.0785	0.2009	0.0298	0.0057	0.0035	0.6623	0.7325
282	2012	EXT	WB	AM	Mainline	2.55	3.05	55.89	17.03	7633	7369	0.4510	0.4142	0.0804	0.0039	0.0473	0.1204	0.0175	0.0034	0.0022	0.4188	0.4460
283	2012	EXT	WB	AM	Mainline	2.43	2.91	54.52	15.87	7287	7032	0.3895	0.3576	0.0768	0.0037	0.0437	0.1122	0.0168	0.0032	0.0019	0.3580	0.4050
284	2012	EXT	WB	AM	Mainline	3.05	3.66	70.00	19.35	9134	8809	0.4360	0.4002	0.0967	0.0047	0.0537	0.1389	0.0212	0.0041	0.0022	0.3955	0.4932
285	2012	EXT	WB	AM	Mainline	4.53	5.43	102.06	29.19	13550	13072	0.7052	0.6474	0.1433	0.0069	0.0803	0.2071	0.0314	0.0060	0.0035	0.6462	0.7386
286	2012	EXT	WB	AM	Mainline	2.00	2.40	46.22	12.54	5982	5768	0.2751	0.2525	0.0634	0.0031	0.0348	0.0904	0.0139	0.0027	0.0014	0.2483	0.3179
287	2012	EXT	WB	AM	Mainline	3.57	4.28	80.37	23.07	10688	10311	0.5606	0.5147	0.1130	0.0055	0.0634	0.1635	0.0248	0.0047	0.0028	0.5141	0.5837
288	2012	EXT	WB	AM	Mainline	0.39	0.47	8.81	2.38	1153	1111	0.0581	0.0533	0.0125	0.0006	0.0065	0.0171	0.0028	0.0005	0.0003	0.0529	0.0568
289	2012	EXT	WB	AM	Mainline	4.00	4.79	91.62	25.05	11924	11497	0.5669	0.5203	0.1267	0.0062	0.0692	0.1797	0.0278	0.0053	0.0029	0.5137	0.6284
290	2012	EXT	WB	AM	Ramp	0.21	0.26	5.18	0.64	555	530	0.0057	0.0052	0.0070	0.0004	0.0017	0.0059	0.0016	0.0003	0.0001	0.0021	0.0044
291	2012	EXT	WB	AM	Ramp	0.21	0.26	4.76	0.58	534	510	0.0061	0.0056	0.0070	0.0004	0.0018	0.0060	0.0016	0.0003	0.0001	0.0023	0.0055
292	2012	EXT	WB	AM	Ramp	0.04	0.05	0.93	0.12	99	95	0.0011	0.0010	0.0012	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0004	0.0009
293	2012	EXT	WB	AM	Ramp	0.64	0.82	9.86	1.13	1365	1305	0.0192	0.0175	0.0218	0.0011	0.0063	0.0203	0.0050	0.0011	0.0002	0.0066	0.0295
294	2012	EXT	WB	AM	Ramp	0.14	0.18	3.21	0.41	364	348	0.0046	0.0042	0.0048	0.0003	0.0013	0.0043	0.0011	0.0002	0.0000	0.0020	0.0049
295	2012	EXT	WB	AM	Ramp	0.25	0.32	3.91	0.49	539	516	0.0085	0.0078	0.0085	0.0004	0.0028	0.0086	0.0019	0.0004	0.0001	0.0037	0.0166
296	2012	EXT	WB	AM	Ramp	0.16	0.20	2.51	0.33	340	325	0.0057	0.0052	0.0052	0.0003	0.0018	0.0054	0.0012	0.0003	0.0000	0.0027	0.0113
297	2012	EXT	WB	AM	Ramp	2.00	2.44	36.98	10.59	5203	5024	0.2091	0.1918	0.0625	0.0029	0.0450	0.1095	0.0132	0.0028	0.0011	0.1804	0.4725
298	2012	EXT	WB	AM	Ramp	0.02	0.02	0.34	0.04	38	37	0.0004	0.0004	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0002	0.0004
299	2012	EXT	WB	AM	Ramp	0.07	0.09	1.70	0.22	187	178	0.0023	0.0021	0.0024	0.0001	0.0006	0.0021	0.0005	0.0001	0.0000	0.0011	0.0025
300	2012	EXT	WB	AM	Ramp	1.17	1.45	27.11	3.31	3013	2880	0.0337	0.0306	0.0392	0.0021	0.0098	0.0336	0.0091	0.0019	0.0003	0.0127	0.0294
301	2012	EXT	WB	AM	Ramp	0.22	0.27	4.09	0.57	515	493	0.0086	0.0079	0.0072	0.0004	0.0023	0.0071	0.0016	0.0004	0.0001	0.0047	0.0127
302	2012	EXT	WB	AM	Ramp	0.05	0.06	1.20	0.15	133	127	0.0016	0.0014	0.0017	0.0001	0.0004	0.0015	0.0004	0.0001	0.0000	0.0006	0.0015
303	2012	EXT	WB	AM	Ramp	0.04	0.05	0.92	0.18	114	110	0.0030	0.0028	0.0014	0.0001	0.0007	0.0018	0.0003	0.0001	0.0000	0.0023	0.0058
304	2012	EXT	WB	AM	Ramp	0.28	0.34	5.72	0.68	674	644	0.0080	0.0072	0.0093	0.0005	0.0023	0.0079	0.0021	0.0005	0.0001	0.0029	0.0071
305	2012	EXT	WB	AM	Ramp	0.11	0.13	2.26	0.33	268	257	0.0046	0.0042	0.0035	0.0002	0.0012	0.0036	0.0008	0.0002	0.0000	0.0027	0.0070
306	2012	EXT	WB	AM	Ramp	0.20	0.25	4.00	0.46	478	457	0.0054	0.0049	0.0067	0.0004	0.0016	0.0056	0.0015	0.0003	0.0001	0.0017	0.0042
307	2012	EXT	WB	AM	Ramp	0.13	0.16	1.94	0.27	268	257	0.0050	0.0045	0.0042	0.0002	0.0016	0.0047	0.0009	0.0002	0.0000	0.0026	0.0117
308	2012	EXT	WB	AM	Ramp	0.30	0.37	4.83	0.57	646	618	0.0091	0.0082	0.0099	0.0005	0.0029	0.0092	0.0023	0.0005	0.0001	0.0034	0.0132
309	2012	EXT	WB	AM	Ramp	0.08	0.09	1.13	0.25	164	157	0.0052	0.0047	0.0024	0.0001	0.0015	0.0039	0.0005	0.0001	0.0000	0.0040	0.0155
310	2012	EXT	WB	AM	Ramp	0.57	0.71	13.23	2.14	1523	1460	0.0290	0.0265	0.0188	0.0010	0.0069	0.0203	0.0043	0.0009	0.0002	0.0195	0.0457
311	2012	EXT	WB	AM	Ramp	0.26	0.32	4.14	0.57	561	537	0.0099	0.0090	0.0086	0.0004	0.0031	0.0092	0.0019	0.0004	0.0001	0.0051	0.0211
312	2012	EXT	WB	AM	Ramp	0.13	0.16	2.76	0.34	325	310	0.0040	0.0037	0.0044	0.0002	0.0012	0.0039	0.0010	0.0002	0.0000	0.0016	0.0041
313	2012	EXT	WB	AM	Ramp	0.43	0.53	10.18	1.56	1149	1101	0.0197	0.0180	0.0142	0.0007	0.0048	0.0145	0.0032	0.0007	0.0001	0.0125	0.0285
314	2012	EXT	WB	AM	Ramp	0.08	0.10	1.72	0.22	200	191	0.0027	0.0024	0.0027	0.0001	0.0007	0.0024	0.0006	0.0001	0.0000	0.0012	0.0031
315	2012	EXT	WB	AM	Ramp	0.19	0.24	3.07	0.45	415	398	0.0079	0.0073	0.0062	0.0003	0.0024	0.0070	0.0014	0.0003	0.0001	0.0045	0.0175

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
316	2012	EXT	WB	AM	Ramp	0.13	0.17	2.68	0.32	323	309	0.0039	0.0036	0.0045	0.0002	0.0011	0.0039	0.0010	0.0002	0.0000	0.0014	0.0036
317	2012	EXT	WB	AM	Ramp	0.18	0.22	2.91	0.45	393	377	0.0081	0.0074	0.0058	0.0003	0.0024	0.0068	0.0013	0.0003	0.0001	0.0049	0.0180
318	2012	EXT	WB	AM	Ramp	0.10	0.12	2.08	0.29	246	236	0.0038	0.0035	0.0033	0.0002	0.0010	0.0032	0.0007	0.0002	0.0000	0.0021	0.0053
319	2012	EXT	WB	AM	Ramp	0.33	0.40	4.53	1.10	681	656	0.0240	0.0220	0.0103	0.0005	0.0077	0.0186	0.0022	0.0005	0.0001	0.0190	0.0822
320	2012	EXT	WB	AM	Ramp	0.08	0.10	1.71	0.22	203	194	0.0027	0.0025	0.0028	0.0001	0.0008	0.0025	0.0006	0.0001	0.0000	0.0012	0.0032
321	2012	EXT	WB	AM	Ramp	0.42	0.54	6.65	0.82	910	871	0.0141	0.0129	0.0142	0.0007	0.0046	0.0142	0.0032	0.0007	0.0001	0.0060	0.0263
322	2012	EXT	WB	AM	Ramp	0.11	0.14	2.00	0.26	260	249	0.0040	0.0036	0.0038	0.0002	0.0012	0.0037	0.0009	0.0002	0.0000	0.0018	0.0062
323	2012	EXT	WB	AM	Ramp	0.37	0.46	7.47	1.09	907	868	0.0156	0.0142	0.0122	0.0006	0.0041	0.0124	0.0028	0.0006	0.0001	0.0091	0.0240
324	2012	EXT	WB	AM	Ramp	0.10	0.12	1.85	0.26	233	223	0.0040	0.0036	0.0033	0.0002	0.0011	0.0033	0.0007	0.0002	0.0000	0.0022	0.0060
325	2012	EXT	WB	AM	Ramp	0.69	0.87	9.91	1.32	1414	1353	0.0250	0.0228	0.0230	0.0012	0.0088	0.0255	0.0052	0.0012	0.0002	0.0120	0.0620
326	2012	EXT	WB	AM	Ramp																	
327	2012	EXT	WB	AM	Ramp																	
328	2012	EXT	WB	AM	Ramp	0.09	0.11	2.03	0.25	232	222	0.0028	0.0025	0.0031	0.0002	0.0008	0.0027	0.0007	0.0001	0.0000	0.0011	0.0028
329	2012	EXT	WB	AM	Ramp	0.53	0.66	8.38	1.23	1147	1098	0.0222	0.0203	0.0175	0.0009	0.0070	0.0201	0.0039	0.0009	0.0002	0.0126	0.0523
330	2012	EXT	WB	AM	Ramp	0.10	0.12	1.75	0.25	224	215	0.0039	0.0035	0.0032	0.0002	0.0010	0.0032	0.0007	0.0002	0.0000	0.0021	0.0060
331	2012	EXT	WB	AM	Ramp	0.35	0.44	7.30	0.96	871	833	0.0126	0.0115	0.0118	0.0006	0.0034	0.0111	0.0027	0.0006	0.0001	0.0062	0.0161
332	2012	EXT	WB	AM	Ramp																	
333	2012	EXT	WB	AM	Ramp																	
334	2012	EXT	WB	AM	Ramp	0.15	0.18	2.72	0.39	346	332	0.0060	0.0055	0.0049	0.0003	0.0016	0.0049	0.0011	0.0002	0.0000	0.0033	0.0092
335	2012	EXT	WB	AM	Ramp	0.46	0.57	8.42	1.58	1108	1064	0.0281	0.0257	0.0149	0.0007	0.0068	0.0187	0.0033	0.0007	0.0002	0.0204	0.0564
336	2012	EXT	WB	AM	Ramp	0.32	0.39	6.66	1.03	799	765	0.0147	0.0134	0.0104	0.0005	0.0037	0.0110	0.0024	0.0005	0.0001	0.0092	0.0239
337	2012	EXT	WB	AM	Ramp	0.10	0.12	1.93	0.56	266	257	0.0109	0.0100	0.0031	0.0001	0.0022	0.0054	0.0006	0.0001	0.0001	0.0095	0.0235
338	2012	EXT	WB	AM	Ramp	0.03	0.04	0.43	0.14	68	66	0.0032	0.0030	0.0009	0.0000	0.0008	0.0018	0.0002	0.0000	0.0000	0.0028	0.0086
339	2012	EXT	WB	AM	Ramp	0.36	0.43	9.02	1.55	1007	965	0.0208	0.0190	0.0117	0.0006	0.0041	0.0122	0.0026	0.0005	0.0001	0.0152	0.0251
340	2012	EXT	WB	AM	Ramp	1.85	2.28	38.06	6.88	4708	4519	0.1098	0.1005	0.0603	0.0030	0.0261	0.0727	0.0134	0.0028	0.0007	0.0790	0.2056
341	2012	EXT	WB	AM	Ramp	2.47	3.06	40.37	8.45	5664	5446	0.1675	0.1535	0.0795	0.0038	0.0438	0.1138	0.0173	0.0037	0.0010	0.1269	0.4082
342	2012	EXT	WB	AM	Ramp	0.21	0.27	4.43	0.62	530	508	0.0085	0.0077	0.0071	0.0004	0.0022	0.0070	0.0016	0.0003	0.0001	0.0047	0.0122
343	2012	EXT	WB	AM	Ramp	0.17	0.21	2.15	0.66	344	332	0.0154	0.0141	0.0052	0.0002	0.0050	0.0115	0.0010	0.0002	0.0001	0.0131	0.0575
344	2012	EXT	WB	AM	Ramp	0.32	0.41	6.16	0.76	766	733	0.0106	0.0096	0.0109	0.0006	0.0030	0.0098	0.0025	0.0005	0.0001	0.0045	0.0120
345	2012	EXT	WB	AM	Ramp	0.04	0.05	0.58	0.18	90	87	0.0040	0.0036	0.0013	0.0001	0.0011	0.0026	0.0003	0.0001	0.0000	0.0034	0.0124
346	2012	EXT	WB	AM	Ramp	0.15	0.19	2.29	0.43	326	313	0.0085	0.0078	0.0049	0.0002	0.0027	0.0070	0.0011	0.0002	0.0001	0.0060	0.0252
347	2012	EXT	WB	AM	Ramp	0.35	0.45	5.01	0.56	722	690	0.0103	0.0094	0.0120	0.0006	0.0035	0.0112	0.0027	0.0006	0.0001	0.0033	0.0166
348	2012	EXT	WB	AM	Ramp	0.87	1.06	18.96	3.39	2270	2179	0.0513	0.0469	0.0282	0.0014	0.0119	0.0334	0.0063	0.0013	0.0003	0.0371	0.0916
349	2012	EXT	WB	AM	Ramp	0.11	0.13	2.11	0.46	272	262	0.0081	0.0074	0.0034	0.0002	0.0018	0.0047	0.0007	0.0002	0.0000	0.0064	0.0166
350	2012	EXT	WB	AM	Ramp	0.11	0.14	2.59	0.42	301	289	0.0057	0.0052	0.0038	0.0002	0.0014	0.0041	0.0009	0.0002	0.0000	0.0038	0.0092
351	2012	EXT	WB	AM	Ramp	0.10	0.12	1.07	0.58	205	200	0.0143	0.0132	0.0028	0.0001	0.0039	0.0085	0.0005	0.0001	0.0001	0.0134	0.0490
352	2012	EXT	WB	AM	Ramp	0.15	0.18	2.47	0.31	327	312	0.0049	0.0045	0.0049	0.0003	0.0015	0.0048	0.0011	0.0002	0.0000	0.0021	0.0079
353	2012	EXT	WB	AM	Ramp	0.05	0.06	0.99	0.13	123	118	0.0019	0.0017	0.0017	0.0001	0.0005	0.0016	0.0004	0.0001	0.0000	0.0010	0.0026
354	2012	EXT	WB	AM	Ramp	0.26	0.33	3.41	0.50	508	487	0.0105	0.0096	0.0086	0.0004	0.0040	0.0110	0.0019	0.0004	0.0001	0.0057	0.0343
355	2012	EXT	WB	AM	Ramp	0.11	0.14	2.23	0.34	277	265	0.0051	0.0047	0.0038	0.0002	0.0013	0.0039	0.0009	0.0002	0.0000	0.0031	0.0083
356	2012	EXT	WB	AM	Ramp	0.50	0.63	6.85	0.86	999	955	0.0166	0.0152	0.0167	0.0009	0.0060	0.0178	0.0038	0.0009	0.0001	0.0070	0.0393
357	2012	EXT	WB	AM	Ramp	0.81	1.03	11.13	1.35	1625	1554	0.0259	0.0236	0.0272	0.0014	0.0092	0.0280	0.0062	0.0014	0.0002	0.0102	0.0566
358	2012	EXT	WB	AM	Ramp	0.19	0.24	3.01	0.45	412	394	0.0081	0.0074	0.0062	0.0003	0.0026	0.0073	0.0014	0.0003	0.0001	0.0047	0.0193
359	2012	EXT	WB	AM	Ramp	0.52	0.66	6.79	0.84	1017	972	0.0170	0.0155	0.0174	0.0009	0.0063	0.0186	0.0039	0.0009	0.0002	0.0069	0.0414
360	2012	EXT	WB	AM	Ramp	0.22	0.28	3.40	0.44	472	452	0.0080	0.0073	0.0075	0.0004	0.0027	0.0079	0.0017	0.0004	0.0001	0.0038	0.0175
361	2012	EXT	WB	AM	Ramp	0.41	0.53	4.86	0.60	768	734	0.0133	0.0122	0.0139	0.0007	0.0051	0.0151	0.0031	0.0007	0.0001	0.0051	0.0351
362	2012	EXT	WB	AM	Ramp	0.09	0.11	1.82	0.33	230	220	0.0055	0.0050	0.0030	0.0001	0.0013	0.0036	0.0007	0.0001	0.0000	0.0039	0.0105
363	2012	EXT	WB	AM	Ramp	0.60	0.75	8.41	1.09	1211	1159	0.0208	0.0190	0.0199	0.0010	0.0074	0.0217	0.0045	0.0010	0.0002	0.0095	0.0509

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
364	2012	EXT	WB	AM	HOV																	
365	2012	EXT	WB	AM	HOV																	
366	2012	EXT	WB	AM	HOV																	
367	2012	EXT	WB	AM	HOV																	
368	2012	EXT	WB	AM	HOV																	
369	2012	EXT	WB	AM	HOV																	
370	2012	EXT	WB	AM	HOV																	
371	2012	EXT	WB	AM	HOV																	
372	2012	EXT	WB	AM	HOV																	
373	2012	EXT	WB	AM	HOV																	
374	2012	EXT	WB	AM	HOV																	
375	2012	EXT	WB	AM	HOV																	
376	2012	EXT	WB	AM	HOV																	
377	2012	EXT	WB	AM	HOV																	
378	2012	EXT	WB	AM	HOV																	
379	2012	EXT	WB	AM	HOV																	
380	2012	EXT	WB	AM	HOV																	
381	2012	EXT	WB	AM	HOV																	
382	2012	EXT	WB	AM	HOV																	
383	2012	EXT	WB	AM	HOV																	
384	2012	EXT	WB	AM	HOV																	
385	2012	EXT	WB	AM	HOV																	
386	2012	EXT	WB	AM	HOV																	
387	2012	EXT	WB	AM	HOV																	
388	2012	EXT	WB	AM	HOV																	
389	2012	EXT	WB	AM	HOV																	
390	2012	EXT	WB	AM	HOV																	
391	2012	EXT	WB	AM	HOV																	
392	2012	EXT	WB	AM	HOV																	
393	2012	EXT	WB	AM	HOV																	
394	2012	EXT	WB	AM	HOV																	
395	2012	EXT	WB	AM	HOV																	
396	2012	EXT	WB	AM	HOV																	
397	2012	EXT	WB	AM	HOV																	
398	2012	EXT	WB	AM	HOV																	
399	2012	EXT	WB	AM	HOV																	
400	2012	EXT	WB	AM	HOV																	
401	2012	EXT	WB	AM	HOV																	
402	2012	EXT	WB	AM	HOV																	
403	2012	EXT	WB	AM	HOV																	
404	2012	EXT	WB	AM	HOV																	
405	2012	EXT	WB	AM	HOV																	
406	2012	EXT	WB	AM	HOV																	
407	2012	EXT	WB	AM	HOV																	
408	2012	EXT	WB	AM	HOV																	
409	2012	EXT	WB	AM	HOV																	
410	2012	EXT	WB	AM	HOV																	
411	2012	EXT	WB	AM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
412	2012	EXT	WB	AM	HOV																	
413	2012	EXT	WB	AM	HOV																	
414	2012	EXT	WB	AM	HOV																	
415	2012	EXT	WB	AM	HOV																	
416	2012	EXT	WB	AM	HOV																	
417	2012	EXT	WB	AM	HOV																	
418	2012	EXT	WB	AM	HOV																	
419	2012	EXT	WB	AM	HOV	0.96	1.20	22.15	2.42	2446	2335	0.0211	0.0191	0.0325	0.0017	0.0068	0.0254	0.0075	0.0016	0.0002	0.0034	0.0063
420	2012	EXT	WB	AM	HOV	0.68	0.84	15.55	1.70	1717	1639	0.0148	0.0134	0.0228	0.0012	0.0048	0.0179	0.0053	0.0011	0.0002	0.0024	0.0044
421	2012	EXT	WB	AM	HOV	0.65	0.80	14.81	1.62	1638	1564	0.0142	0.0129	0.0218	0.0012	0.0046	0.0171	0.0051	0.0011	0.0002	0.0023	0.0042
422	2012	EXT	WB	AM	HOV	0.43	0.52	11.26	1.40	1169	1116	0.0085	0.0077	0.0142	0.0008	0.0030	0.0112	0.0033	0.0006	0.0001	0.0016	0.0024
423	2012	EXT	WB	AM	HOV	0.82	1.00	21.71	2.71	2254	2153	0.0164	0.0148	0.0274	0.0015	0.0058	0.0216	0.0064	0.0012	0.0002	0.0031	0.0046
424	2012	EXT	WB	AM	HOV	0.20	0.24	5.31	0.66	551	526	0.0040	0.0036	0.0067	0.0004	0.0014	0.0053	0.0016	0.0003	0.0000	0.0008	0.0011
425	2012	EXT	WB	AM	HOV	0.48	0.58	12.55	1.56	1303	1244	0.0094	0.0085	0.0158	0.0009	0.0034	0.0125	0.0037	0.0007	0.0001	0.0018	0.0026
426	2012	EXT	WB	AM	HOV	0.27	0.33	7.08	0.83	727	695	0.0055	0.0050	0.0089	0.0005	0.0019	0.0070	0.0021	0.0004	0.0001	0.0010	0.0016
427	2012	EXT	WB	AM	HOV	0.51	0.62	13.53	1.60	1391	1328	0.0105	0.0095	0.0170	0.0009	0.0036	0.0134	0.0040	0.0008	0.0001	0.0019	0.0031
428	2012	EXT	WB	AM	HOV	0.75	0.92	19.88	2.34	2044	1951	0.0155	0.0140	0.0250	0.0013	0.0053	0.0196	0.0058	0.0011	0.0002	0.0028	0.0046
429	2012	EXT	WB	AM	HOV	0.91	1.11	24.08	2.84	2475	2364	0.0187	0.0169	0.0303	0.0016	0.0064	0.0238	0.0070	0.0014	0.0002	0.0034	0.0055
430	2012	EXT	WB	AM	HOV	0.62	0.76	16.07	1.87	1664	1588	0.0129	0.0116	0.0206	0.0011	0.0044	0.0162	0.0048	0.0009	0.0001	0.0023	0.0038
431	2012	EXT	WB	AM	HOV	0.56	0.68	14.49	1.69	1499	1432	0.0116	0.0105	0.0186	0.0010	0.0039	0.0146	0.0043	0.0008	0.0001	0.0021	0.0034
432	2012	EXT	WB	AM	HOV	0.65	0.80	17.06	1.99	1766	1686	0.0137	0.0124	0.0219	0.0012	0.0046	0.0172	0.0051	0.0010	0.0002	0.0024	0.0041
433	2012	EXT	WB	AM	HOV	1.03	1.26	26.77	3.12	2771	2646	0.0214	0.0194	0.0343	0.0018	0.0073	0.0269	0.0080	0.0016	0.0002	0.0038	0.0064
434	2012	EXT	WB	AM	HOV	0.42	0.52	11.07	1.29	1146	1094	0.0089	0.0080	0.0142	0.0008	0.0030	0.0111	0.0033	0.0006	0.0001	0.0016	0.0026
435	2012	EXT	WB	AM	HOV	0.95	1.17	24.04	2.74	2526	2412	0.0203	0.0183	0.0319	0.0017	0.0067	0.0250	0.0074	0.0015	0.0002	0.0035	0.0061
436	2012	EXT	WB	AM	HOV	0.09	0.11	2.30	0.26	242	231	0.0019	0.0018	0.0031	0.0002	0.0006	0.0024	0.0007	0.0001	0.0000	0.0003	0.0006
437	2012	EXT	WB	AM	HOV	1.01	1.25	25.58	2.92	2687	2566	0.0216	0.0195	0.0339	0.0018	0.0072	0.0266	0.0079	0.0016	0.0002	0.0037	0.0065
216	2012	EXT	WB	MD	Mainline	7.08	8.47	157.20	43.04	20732	19985	1.0915	1.0020	0.2251	0.0110	0.1180	0.3098	0.0497	0.0093	0.0054	0.9999	1.0403
217	2012	EXT	WB	MD	Mainline	6.60	7.89	145.06	40.64	19328	18637	1.0702	0.9825	0.2097	0.0102	0.1120	0.2924	0.0462	0.0087	0.0053	0.9857	0.9978
218	2012	EXT	WB	MD	Mainline	5.00	5.96	108.06	28.32	14127	13608	0.7611	0.6986	0.1595	0.0079	0.0788	0.2102	0.0355	0.0065	0.0038	0.6974	0.6645
219	2012	EXT	WB	MD	Mainline	6.98	8.34	152.87	41.12	20142	19410	1.0836	0.9947	0.2224	0.0110	0.1133	0.2996	0.0493	0.0092	0.0054	0.9940	0.9778
220	2012	EXT	WB	MD	Mainline	4.14	4.96	92.24	23.14	11884	11441	0.5733	0.5261	0.1327	0.0066	0.0630	0.1701	0.0296	0.0054	0.0029	0.5190	0.5174
221	2012	EXT	WB	MD	Mainline	4.40	5.26	97.14	24.90	12607	12141	0.6347	0.5826	0.1407	0.0070	0.0682	0.1830	0.0313	0.0058	0.0032	0.5776	0.5686
222	2012	EXT	WB	MD	Mainline	4.50	5.38	99.32	24.01	12669	12190	0.5976	0.5483	0.1446	0.0072	0.0658	0.1799	0.0324	0.0059	0.0030	0.5387	0.5217
223	2012	EXT	WB	MD	Mainline	2.15	2.57	47.67	11.43	6064	5834	0.2803	0.2572	0.0691	0.0035	0.0312	0.0855	0.0155	0.0028	0.0014	0.2521	0.2459
224	2012	EXT	WB	MD	Mainline	2.58	3.08	58.03	12.09	7100	6818	0.2616	0.2399	0.0834	0.0043	0.0324	0.0933	0.0189	0.0034	0.0014	0.2269	0.2213
225	2012	EXT	WB	MD	Mainline	1.64	1.97	36.91	7.76	4527	4348	0.1704	0.1563	0.0532	0.0027	0.0209	0.0599	0.0120	0.0021	0.0009	0.1483	0.1441
226	2012	EXT	WB	MD	Mainline	7.51	8.98	165.97	34.79	20373	19567	0.7902	0.7246	0.2432	0.0124	0.0951	0.2731	0.0551	0.0097	0.0042	0.6904	0.6513
227	2012	EXT	WB	MD	Mainline	2.85	3.40	62.90	12.74	7655	7350	0.2817	0.2582	0.0924	0.0047	0.0348	0.1012	0.0210	0.0037	0.0015	0.2437	0.2284
228	2012	EXT	WB	MD	Mainline	1.57	1.87	34.94	6.94	4229	4059	0.1479	0.1355	0.0509	0.0026	0.0188	0.0550	0.0116	0.0020	0.0008	0.1268	0.1204
229	2012	EXT	WB	MD	Mainline	10.39	12.44	234.24	47.24	28428	27290	0.9954	0.9123	0.3372	0.0173	0.1267	0.3687	0.0766	0.0135	0.0054	0.8547	0.8291
230	2012	EXT	WB	MD	Mainline	2.45	2.93	55.55	11.27	6746	6477	0.2352	0.2156	0.0794	0.0041	0.0300	0.0872	0.0180	0.0032	0.0013	0.2020	0.1983
231	2012	EXT	WB	MD	Mainline	10.09	12.08	227.22	46.64	27699	26596	0.9996	0.9163	0.3271	0.0168	0.1252	0.3622	0.0742	0.0131	0.0054	0.8633	0.8385
232	2012	EXT	WB	MD	Mainline	2.67	3.19	60.50	12.43	7371	7078	0.2619	0.2400	0.0864	0.0044	0.0331	0.0957	0.0196	0.0035	0.0014	0.2257	0.2223
233	2012	EXT	WB	MD	Mainline	8.71	10.45	201.89	42.74	24584	23615	0.8694	0.7970	0.2818	0.0144	0.1124	0.3207	0.0637	0.0115	0.0047	0.7495	0.7921
234	2012	EXT	WB	MD	Mainline	1.44	1.73	33.03	6.85	4022	3862	0.1415	0.1297	0.0467	0.0024	0.0181	0.0521	0.0106	0.0019	0.0008	0.1218	0.1233
235	2012	EXT	WB	MD	Mainline	5.56	6.67	129.20	27.38	15719	15099	0.5533	0.5072	0.1798	0.0092	0.0719	0.2050	0.0406	0.0074	0.0030	0.4766	0.5083
236	2012	EXT	WB	MD	Mainline	3.66	4.38	83.74	17.58	10231	9826	0.3680	0.3373	0.1183	0.0060	0.0465	0.1334	0.0268	0.0048	0.0020	0.3181	0.3224
237	2012	EXT	WB	MD	Mainline	5.89	7.06	133.54	25.95	16054	15404	0.5227	0.4789	0.1916	0.0099	0.0692	0.2042	0.0436	0.0076	0.0029	0.4423	0.4304

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
238	2012	EXT	WB	MD	Mainline	1.88	2.25	42.90	8.28	5145	4936	0.1630	0.1494	0.0612	0.0032	0.0219	0.0648	0.0139	0.0024	0.0009	0.1372	0.1349
239	2012	EXT	WB	MD	Mainline	1.69	2.02	38.59	7.42	4622	4434	0.1446	0.1324	0.0549	0.0028	0.0196	0.0580	0.0125	0.0022	0.0008	0.1214	0.1199
240	2012	EXT	WB	MD	Mainline	2.08	2.50	47.54	8.99	5674	5442	0.1734	0.1589	0.0678	0.0035	0.0238	0.0709	0.0155	0.0027	0.0010	0.1448	0.1421
241	2012	EXT	WB	MD	Mainline	7.69	9.23	177.22	33.91	21189	20327	0.6490	0.5945	0.2505	0.0129	0.0888	0.2639	0.0571	0.0101	0.0036	0.5427	0.5413
242	2012	EXT	WB	MD	Mainline	0.54	0.65	12.31	2.33	1470	1410	0.0455	0.0417	0.0177	0.0009	0.0062	0.0185	0.0040	0.0007	0.0003	0.0380	0.0370
243	2012	EXT	WB	MD	Mainline	6.58	7.89	151.35	29.24	18139	17403	0.5661	0.5187	0.2140	0.0110	0.0767	0.2270	0.0487	0.0086	0.0032	0.4754	0.4742
244	2012	EXT	WB	MD	Mainline	0.97	1.17	22.50	4.36	2694	2585	0.0836	0.0766	0.0317	0.0016	0.0114	0.0337	0.0072	0.0013	0.0005	0.0701	0.0708
245	2012	EXT	WB	MD	Mainline	6.29	7.54	144.84	28.13	17373	16669	0.5458	0.5000	0.2045	0.0105	0.0737	0.2178	0.0466	0.0082	0.0030	0.4590	0.4595
246	2012	EXT	WB	MD	Mainline	4.72	5.66	108.34	22.55	13204	12680	0.4673	0.4284	0.1530	0.0078	0.0596	0.1714	0.0346	0.0062	0.0025	0.4027	0.4087
247	2012	EXT	WB	MD	Mainline	6.40	7.66	145.67	30.87	17880	17174	0.6611	0.6061	0.2070	0.0106	0.0821	0.2346	0.0468	0.0084	0.0035	0.5743	0.5730
248	2012	EXT	WB	MD	Mainline	1.94	2.32	44.24	9.47	5433	5220	0.2020	0.1852	0.0626	0.0032	0.0252	0.0716	0.0141	0.0025	0.0011	0.1757	0.1783
249	2012	EXT	WB	MD	Mainline	6.60	7.89	146.59	31.48	18096	17386	0.7187	0.6590	0.2133	0.0109	0.0857	0.2437	0.0482	0.0085	0.0038	0.6308	0.6037
250	2012	EXT	WB	MD	Mainline	9.86	11.82	225.58	48.75	27751	26663	1.0430	0.9563	0.3187	0.0162	0.1295	0.3671	0.0719	0.0130	0.0055	0.9089	0.9282
251	2012	EXT	WB	MD	Mainline	7.83	9.38	177.49	38.99	22001	21143	0.8653	0.7935	0.2528	0.0128	0.1042	0.2941	0.0570	0.0103	0.0046	0.7597	0.7576
252	2012	EXT	WB	MD	Mainline	6.02	7.21	137.21	30.09	16956	16294	0.6549	0.6005	0.1942	0.0099	0.0802	0.2261	0.0438	0.0079	0.0035	0.5734	0.5836
253	2012	EXT	WB	MD	Mainline																	
254	2012	EXT	WB	MD	Mainline																	
255	2012	EXT	WB	MD	Mainline	7.31	8.75	164.59	37.29	20589	19794	0.8558	0.7850	0.2355	0.0119	0.1003	0.2800	0.0530	0.0096	0.0044	0.7582	0.7518
256	2012	EXT	WB	MD	Mainline	4.84	5.80	108.36	24.20	13508	12984	0.5585	0.5122	0.1562	0.0079	0.0655	0.1837	0.0352	0.0063	0.0029	0.4939	0.4824
257	2012	EXT	WB	MD	Mainline	6.00	7.19	135.75	30.97	16988	16333	0.7056	0.6472	0.1934	0.0098	0.0831	0.2314	0.0435	0.0079	0.0037	0.6251	0.6288
258	2012	EXT	WB	MD	Mainline	5.33	6.38	119.58	26.57	14884	14306	0.6081	0.5577	0.1720	0.0087	0.0717	0.2016	0.0388	0.0070	0.0032	0.5369	0.5260
259	2012	EXT	WB	MD	Mainline																	
260	2012	EXT	WB	MD	Mainline																	
261	2012	EXT	WB	MD	Mainline	6.58	7.87	146.37	32.66	18251	17543	0.7636	0.7004	0.2123	0.0108	0.0888	0.2494	0.0479	0.0086	0.0040	0.6763	0.6532
262	2012	EXT	WB	MD	Mainline	16.67	19.95	373.52	86.96	47097	45295	2.0516	1.8821	0.5365	0.0270	0.2351	0.6505	0.1204	0.0218	0.0106	1.8302	1.8079
263	2012	EXT	WB	MD	Mainline	8.54	10.21	189.80	44.42	23978	23062	1.0690	0.9808	0.2747	0.0138	0.1209	0.3340	0.0617	0.0111	0.0055	0.9564	0.9323
264	2012	EXT	WB	MD	Mainline	3.17	3.80	72.29	18.04	9208	8865	0.4125	0.3785	0.1013	0.0050	0.0486	0.1308	0.0226	0.0042	0.0021	0.3702	0.4034
265	2012	EXT	WB	MD	Mainline	1.72	2.06	38.45	9.53	4930	4745	0.2319	0.2128	0.0551	0.0027	0.0259	0.0701	0.0123	0.0023	0.0012	0.2093	0.2108
266	2012	EXT	WB	MD	Mainline	10.84	12.97	241.07	62.09	31273	30118	1.5521	1.4246	0.3463	0.0172	0.1694	0.4534	0.0770	0.0143	0.0078	1.4107	1.4226
267	2012	EXT	WB	MD	Mainline	1.75	2.10	39.15	9.85	5040	4852	0.2410	0.2212	0.0561	0.0028	0.0268	0.0722	0.0125	0.0023	0.0012	0.2180	0.2211
268	2012	EXT	WB	MD	Mainline	0.31	0.37	6.84	1.77	890	857	0.0451	0.0414	0.0099	0.0005	0.0048	0.0130	0.0022	0.0004	0.0002	0.0411	0.0408
269	2012	EXT	WB	MD	Mainline	7.84	9.38	174.00	46.52	22810	21980	1.1792	1.0824	0.2498	0.0123	0.1273	0.3369	0.0553	0.0103	0.0059	1.0775	1.1014
270	2012	EXT	WB	MD	Mainline	3.58	4.28	80.04	21.48	10472	10092	0.5312	0.4876	0.1140	0.0056	0.0587	0.1548	0.0252	0.0047	0.0027	0.4845	0.5114
271	2012	EXT	WB	MD	Mainline	3.65	4.34	74.03	29.29	11211	10866	0.9487	0.8718	0.1128	0.0051	0.0838	0.2021	0.0239	0.0048	0.0044	0.9071	0.8770
272	2012	EXT	WB	MD	Mainline	2.66	3.16	53.94	21.43	8185	7933	0.6911	0.6351	0.0820	0.0037	0.0613	0.1475	0.0174	0.0035	0.0032	0.6608	0.6424
273	2012	EXT	WB	MD	Mainline	2.76	3.27	55.86	21.46	8351	8090	0.6989	0.6422	0.0854	0.0039	0.0615	0.1492	0.0182	0.0036	0.0032	0.6673	0.6353
274	2012	EXT	WB	MD	Mainline	3.16	3.75	63.69	24.87	9582	9285	0.8182	0.7519	0.0977	0.0045	0.0714	0.1728	0.0208	0.0042	0.0038	0.7823	0.7420
275	2012	EXT	WB	MD	Mainline	5.32	6.30	104.94	43.51	16148	15661	1.4972	1.3760	0.1636	0.0074	0.1260	0.3014	0.0345	0.0070	0.0069	1.4384	1.3338
276	2012	EXT	WB	MD	Mainline	1.45	1.72	28.63	11.57	4357	4224	0.3972	0.3650	0.0446	0.0020	0.0335	0.0805	0.0095	0.0019	0.0018	0.3811	0.3511
277	2012	EXT	WB	MD	Mainline	3.14	3.72	61.66	26.24	9593	9307	0.9099	0.8363	0.0964	0.0043	0.0761	0.1811	0.0203	0.0042	0.0042	0.8755	0.8126
278	2012	EXT	WB	MD	Mainline	1.74	2.06	34.32	15.07	5425	5266	0.5121	0.4707	0.0532	0.0024	0.0435	0.1029	0.0111	0.0023	0.0023	0.4931	0.4713
279	2012	EXT	WB	MD	Mainline	3.52	4.18	70.47	29.32	10894	10566	0.9705	0.8919	0.1081	0.0049	0.0843	0.2012	0.0228	0.0047	0.0045	0.9311	0.8970
280	2012	EXT	WB	MD	Mainline	4.72	5.60	92.32	41.86	14789	14364	1.4425	1.3259	0.1439	0.0063	0.1212	0.2849	0.0299	0.0063	0.0066	1.3916	1.3243
281	2012	EXT	WB	MD	Mainline	6.23	7.39	123.92	53.09	19393	18818	1.7765	1.6328	0.1909	0.0085	0.1529	0.3630	0.0401	0.0083	0.0082	1.7077	1.6433
282	2012	EXT	WB	MD	Mainline	3.54	4.19	68.99	31.69	11115	10798	1.0957	1.0071	0.1077	0.0047	0.0918	0.2153	0.0224	0.0047	0.0050	1.0578	1.0071
283	2012	EXT	WB	MD	Mainline	3.42	4.06	67.84	29.33	10656	10342	0.9859	0.9062	0.1047	0.0047	0.0845	0.2004	0.0219	0.0045	0.0045	0.9483	0.9112
284	2012	EXT	WB	MD	Mainline	4.36	5.18	88.38	35.66	13500	13088	1.1541	1.0606	0.1345	0.0061	0.1021	0.2449	0.0284	0.0058	0.0053	1.1046	1.0762
285	2012	EXT	WB	MD	Mainline	6.30	7.48	125.30	53.58	19590	19009	1.7951	1.6498	0.1932	0.0086	0.1544	0.3666	0.0405	0.0084	0.0083	1.7254	1.6575

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
286	2012	EXT	WB	MD	Mainline	2.86	3.40	58.10	23.18	8835	8564	0.7454	0.6850	0.0882	0.0040	0.0662	0.1593	0.0187	0.0038	0.0035	0.7128	0.6959
287	2012	EXT	WB	MD	Mainline	4.92	5.84	97.11	42.80	15376	14927	1.4513	1.3339	0.1504	0.0067	0.1236	0.2918	0.0314	0.0065	0.0067	1.3975	1.3392
288	2012	EXT	WB	MD	Mainline	0.56	0.66	11.23	4.34	1683	1630	0.1420	0.1304	0.0172	0.0008	0.0124	0.0302	0.0037	0.0007	0.0007	0.1356	0.1289
289	2012	EXT	WB	MD	Mainline	5.70	6.78	115.85	45.96	17571	17030	1.4817	1.3616	0.1761	0.0080	0.1314	0.3165	0.0373	0.0076	0.0069	1.4166	1.3773
290	2012	EXT	WB	MD	Ramp	0.24	0.30	5.92	0.80	642	614	0.0083	0.0075	0.0080	0.0004	0.0022	0.0072	0.0018	0.0004	0.0001	0.0042	0.0090
291	2012	EXT	WB	MD	Ramp	0.23	0.29	5.32	0.74	606	580	0.0091	0.0083	0.0078	0.0004	0.0024	0.0075	0.0018	0.0004	0.0001	0.0050	0.0121
292	2012	EXT	WB	MD	Ramp	0.06	0.08	1.61	0.21	174	166	0.0022	0.0020	0.0022	0.0001	0.0006	0.0019	0.0005	0.0001	0.0000	0.0011	0.0022
293	2012	EXT	WB	MD	Ramp	0.82	1.03	13.39	1.84	1802	1725	0.0316	0.0289	0.0273	0.0014	0.0098	0.0291	0.0062	0.0014	0.0003	0.0164	0.0648
294	2012	EXT	WB	MD	Ramp	0.21	0.26	4.66	0.67	537	514	0.0085	0.0077	0.0069	0.0004	0.0022	0.0068	0.0016	0.0003	0.0001	0.0048	0.0120
295	2012	EXT	WB	MD	Ramp	0.72	0.91	10.21	1.28	1469	1404	0.0243	0.0221	0.0242	0.0012	0.0085	0.0256	0.0055	0.0012	0.0002	0.0104	0.0555
296	2012	EXT	WB	MD	Ramp	0.19	0.23	3.05	0.50	417	399	0.0092	0.0084	0.0062	0.0003	0.0027	0.0076	0.0014	0.0003	0.0001	0.0059	0.0222
297	2012	EXT	WB	MD	Ramp	3.35	4.07	59.52	20.27	8869	8586	0.4200	0.3857	0.1028	0.0045	0.0877	0.2061	0.0212	0.0044	0.0022	0.3754	0.9739
298	2012	EXT	WB	MD	Ramp	0.03	0.03	0.56	0.07	64	61	0.0008	0.0007	0.0008	0.0000	0.0002	0.0008	0.0002	0.0000	0.0000	0.0004	0.0009
299	2012	EXT	WB	MD	Ramp	0.09	0.12	2.27	0.32	251	240	0.0037	0.0034	0.0031	0.0002	0.0009	0.0030	0.0007	0.0001	0.0000	0.0021	0.0047
300	2012	EXT	WB	MD	Ramp	1.27	1.57	28.98	4.09	3293	3151	0.0498	0.0454	0.0420	0.0022	0.0129	0.0407	0.0096	0.0020	0.0004	0.0278	0.0673
301	2012	EXT	WB	MD	Ramp	0.40	0.50	7.55	1.17	958	918	0.0186	0.0170	0.0132	0.0007	0.0048	0.0141	0.0030	0.0006	0.0001	0.0115	0.0315
302	2012	EXT	WB	MD	Ramp	0.05	0.06	1.21	0.18	136	130	0.0022	0.0020	0.0017	0.0001	0.0005	0.0017	0.0004	0.0001	0.0000	0.0013	0.0031
303	2012	EXT	WB	MD	Ramp	0.13	0.16	2.73	0.51	339	325	0.0083	0.0076	0.0043	0.0002	0.0019	0.0053	0.0010	0.0002	0.0001	0.0061	0.0158
304	2012	EXT	WB	MD	Ramp	0.30	0.38	6.85	0.95	783	749	0.0116	0.0106	0.0101	0.0005	0.0031	0.0097	0.0023	0.0005	0.0001	0.0063	0.0153
305	2012	EXT	WB	MD	Ramp	0.17	0.22	3.63	0.64	445	427	0.0099	0.0091	0.0057	0.0003	0.0024	0.0067	0.0013	0.0003	0.0001	0.0070	0.0181
306	2012	EXT	WB	MD	Ramp	0.17	0.20	3.82	0.51	429	410	0.0058	0.0053	0.0055	0.0003	0.0016	0.0051	0.0013	0.0003	0.0000	0.0029	0.0069
307	2012	EXT	WB	MD	Ramp	0.38	0.47	5.25	0.79	759	727	0.0157	0.0144	0.0124	0.0006	0.0057	0.0156	0.0027	0.0006	0.0001	0.0089	0.0474
308	2012	EXT	WB	MD	Ramp	0.33	0.42	6.20	0.86	786	753	0.0131	0.0119	0.0111	0.0006	0.0035	0.0109	0.0025	0.0005	0.0001	0.0070	0.0191
309	2012	EXT	WB	MD	Ramp	0.29	0.36	4.18	0.76	602	578	0.0154	0.0141	0.0094	0.0005	0.0052	0.0134	0.0020	0.0004	0.0001	0.0105	0.0485
310	2012	EXT	WB	MD	Ramp	0.91	1.11	20.78	4.58	2538	2442	0.0769	0.0705	0.0291	0.0014	0.0151	0.0398	0.0064	0.0013	0.0004	0.0633	0.1348
311	2012	EXT	WB	MD	Ramp	0.55	0.69	8.70	1.27	1195	1144	0.0230	0.0210	0.0183	0.0009	0.0073	0.0210	0.0041	0.0009	0.0002	0.0129	0.0543
312	2012	EXT	WB	MD	Ramp	0.22	0.28	4.59	0.65	554	530	0.0091	0.0083	0.0075	0.0004	0.0024	0.0074	0.0017	0.0004	0.0001	0.0051	0.0134
313	2012	EXT	WB	MD	Ramp	0.86	1.06	20.11	3.32	2312	2217	0.0455	0.0416	0.0283	0.0015	0.0106	0.0310	0.0064	0.0013	0.0003	0.0312	0.0719
314	2012	EXT	WB	MD	Ramp	0.11	0.14	2.36	0.34	277	265	0.0045	0.0041	0.0036	0.0002	0.0012	0.0036	0.0008	0.0002	0.0000	0.0026	0.0065
315	2012	EXT	WB	MD	Ramp	0.36	0.45	5.81	0.93	794	761	0.0171	0.0156	0.0118	0.0006	0.0052	0.0144	0.0026	0.0006	0.0001	0.0107	0.0412
316	2012	EXT	WB	MD	Ramp	0.18	0.23	3.77	0.51	449	429	0.0067	0.0061	0.0060	0.0003	0.0018	0.0057	0.0014	0.0003	0.0001	0.0034	0.0090
317	2012	EXT	WB	MD	Ramp	0.37	0.46	5.96	0.99	815	781	0.0183	0.0168	0.0120	0.0006	0.0054	0.0149	0.0027	0.0006	0.0001	0.0119	0.0442
318	2012	EXT	WB	MD	Ramp	0.13	0.16	2.72	0.41	322	308	0.0057	0.0052	0.0042	0.0002	0.0014	0.0043	0.0010	0.0002	0.0000	0.0034	0.0088
319	2012	EXT	WB	MD	Ramp	0.62	0.75	7.10	3.11	1258	1222	0.0760	0.0698	0.0182	0.0007	0.0233	0.0513	0.0034	0.0007	0.0004	0.0690	0.2852
320	2012	EXT	WB	MD	Ramp	0.20	0.25	3.99	0.51	480	459	0.0066	0.0060	0.0066	0.0003	0.0018	0.0060	0.0015	0.0003	0.0001	0.0030	0.0078
321	2012	EXT	WB	MD	Ramp	0.62	0.76	9.03	1.90	1312	1261	0.0397	0.0363	0.0197	0.0009	0.0125	0.0312	0.0042	0.0009	0.0003	0.0297	0.1242
322	2012	EXT	WB	MD	Ramp	0.20	0.26	3.64	0.52	473	453	0.0085	0.0078	0.0068	0.0004	0.0023	0.0071	0.0015	0.0003	0.0001	0.0048	0.0147
323	2012	EXT	WB	MD	Ramp	0.55	0.68	11.23	1.94	1386	1330	0.0304	0.0278	0.0180	0.0009	0.0074	0.0209	0.0040	0.0008	0.0002	0.0211	0.0555
324	2012	EXT	WB	MD	Ramp	0.24	0.30	4.30	0.62	555	532	0.0100	0.0091	0.0079	0.0004	0.0027	0.0081	0.0018	0.0004	0.0001	0.0056	0.0163
325	2012	EXT	WB	MD	Ramp	0.89	1.11	13.20	2.37	1880	1804	0.0476	0.0436	0.0288	0.0014	0.0155	0.0405	0.0063	0.0014	0.0003	0.0325	0.1424
326	2012	EXT	WB	MD	Ramp																	
327	2012	EXT	WB	MD	Ramp																	
328	2012	EXT	WB	MD	Ramp	0.17	0.21	3.70	0.48	425	407	0.0058	0.0052	0.0056	0.0003	0.0016	0.0051	0.0013	0.0003	0.0000	0.0028	0.0068
329	2012	EXT	WB	MD	Ramp	0.83	1.04	13.05	2.40	1827	1753	0.0471	0.0431	0.0270	0.0013	0.0141	0.0372	0.0059	0.0013	0.0003	0.0329	0.1272
330	2012	EXT	WB	MD	Ramp	0.16	0.19	2.89	0.47	373	357	0.0078	0.0072	0.0051	0.0003	0.0020	0.0057	0.0012	0.0002	0.0001	0.0051	0.0141
331	2012	EXT	WB	MD	Ramp	0.50	0.62	10.37	1.72	1266	1214	0.0263	0.0240	0.0165	0.0008	0.0064	0.0186	0.0037	0.0008	0.0002	0.0177	0.0464
332	2012	EXT	WB	MD	Ramp																	
333	2012	EXT	WB	MD	Ramp																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
334	2012	EXT	WB	MD	Ramp	0.19	0.24	3.81	0.68	478	458	0.0110	0.0101	0.0062	0.0003	0.0027	0.0075	0.0014	0.0003	0.0001	0.0078	0.0208
335	2012	EXT	WB	MD	Ramp	0.69	0.85	12.37	3.26	1734	1672	0.0642	0.0589	0.0218	0.0010	0.0144	0.0358	0.0047	0.0010	0.0004	0.0539	0.1469
336	2012	EXT	WB	MD	Ramp	0.54	0.66	11.24	2.03	1377	1321	0.0318	0.0291	0.0174	0.0009	0.0075	0.0210	0.0039	0.0008	0.0002	0.0230	0.0588
337	2012	EXT	WB	MD	Ramp	0.19	0.23	3.32	1.41	533	518	0.0305	0.0281	0.0057	0.0002	0.0059	0.0135	0.0011	0.0002	0.0001	0.0283	0.0694
338	2012	EXT	WB	MD	Ramp	0.05	0.07	0.67	0.37	129	126	0.0091	0.0083	0.0016	0.0001	0.0021	0.0046	0.0003	0.0001	0.0000	0.0085	0.0256
339	2012	EXT	WB	MD	Ramp	0.63	0.77	15.50	3.24	1828	1756	0.0536	0.0491	0.0204	0.0010	0.0090	0.0249	0.0046	0.0009	0.0003	0.0443	0.0709
340	2012	EXT	WB	MD	Ramp	2.12	2.59	45.45	9.67	5656	5440	0.1622	0.1487	0.0679	0.0033	0.0351	0.0928	0.0149	0.0031	0.0010	0.1293	0.3137
341	2012	EXT	WB	MD	Ramp	2.29	2.78	40.98	12.70	5943	5746	0.2580	0.2368	0.0709	0.0032	0.0553	0.1322	0.0148	0.0031	0.0014	0.2261	0.5968
342	2012	EXT	WB	MD	Ramp	0.32	0.40	6.69	1.11	816	783	0.0169	0.0154	0.0106	0.0005	0.0041	0.0119	0.0024	0.0005	0.0001	0.0114	0.0297
343	2012	EXT	WB	MD	Ramp	0.73	0.90	8.39	2.02	1324	1274	0.0469	0.0430	0.0226	0.0010	0.0193	0.0454	0.0047	0.0010	0.0003	0.0361	0.2153
344	2012	EXT	WB	MD	Ramp	0.90	1.13	15.43	1.91	2018	1930	0.0295	0.0269	0.0302	0.0016	0.0089	0.0286	0.0069	0.0015	0.0003	0.0125	0.0442
345	2012	EXT	WB	MD	Ramp	0.09	0.11	1.13	0.42	187	181	0.0098	0.0090	0.0026	0.0001	0.0027	0.0062	0.0005	0.0001	0.0001	0.0087	0.0319
346	2012	EXT	WB	MD	Ramp	0.27	0.33	3.93	0.89	577	555	0.0189	0.0173	0.0086	0.0004	0.0058	0.0144	0.0018	0.0004	0.0001	0.0146	0.0598
347	2012	EXT	WB	MD	Ramp	0.75	0.94	10.11	1.34	1485	1420	0.0266	0.0243	0.0249	0.0013	0.0098	0.0282	0.0056	0.0013	0.0002	0.0125	0.0715
348	2012	EXT	WB	MD	Ramp	1.22	1.49	25.57	6.37	3322	3202	0.1155	0.1059	0.0387	0.0018	0.0237	0.0599	0.0084	0.0017	0.0006	0.0975	0.2323
349	2012	EXT	WB	MD	Ramp	0.20	0.24	3.66	1.11	523	505	0.0222	0.0204	0.0062	0.0003	0.0047	0.0113	0.0013	0.0003	0.0001	0.0194	0.0505
350	2012	EXT	WB	MD	Ramp	0.23	0.28	5.07	0.95	612	588	0.0148	0.0136	0.0075	0.0004	0.0034	0.0093	0.0017	0.0003	0.0001	0.0111	0.0272
351	2012	EXT	WB	MD	Ramp	0.38	0.46	4.10	1.89	742	721	0.0466	0.0428	0.0110	0.0004	0.0149	0.0325	0.0020	0.0004	0.0002	0.0425	0.1837
352	2012	EXT	WB	MD	Ramp	0.26	0.33	4.40	0.60	586	561	0.0100	0.0091	0.0088	0.0005	0.0030	0.0091	0.0020	0.0004	0.0001	0.0051	0.0191
353	2012	EXT	WB	MD	Ramp	0.12	0.16	2.30	0.32	293	280	0.0050	0.0046	0.0041	0.0002	0.0013	0.0041	0.0009	0.0002	0.0000	0.0028	0.0076
354	2012	EXT	WB	MD	Ramp	0.26	0.32	3.72	0.76	544	522	0.0161	0.0147	0.0083	0.0004	0.0053	0.0132	0.0018	0.0004	0.0001	0.0119	0.0526
355	2012	EXT	WB	MD	Ramp	0.19	0.23	3.65	0.68	466	448	0.0116	0.0106	0.0061	0.0003	0.0028	0.0076	0.0014	0.0003	0.0001	0.0084	0.0227
356	2012	EXT	WB	MD	Ramp	0.39	0.49	6.18	1.00	853	818	0.0188	0.0172	0.0129	0.0006	0.0058	0.0161	0.0029	0.0006	0.0001	0.0119	0.0482
357	2012	EXT	WB	MD	Ramp	0.89	1.12	13.56	2.10	1900	1820	0.0401	0.0367	0.0294	0.0015	0.0132	0.0364	0.0065	0.0014	0.0003	0.0241	0.1080
358	2012	EXT	WB	MD	Ramp	0.25	0.31	4.42	0.80	594	571	0.0147	0.0134	0.0083	0.0004	0.0037	0.0101	0.0018	0.0004	0.0001	0.0103	0.0296
359	2012	EXT	WB	MD	Ramp	0.64	0.79	8.80	1.56	1286	1233	0.0323	0.0296	0.0206	0.0010	0.0116	0.0299	0.0045	0.0010	0.0002	0.0215	0.1091
360	2012	EXT	WB	MD	Ramp	0.27	0.33	4.64	0.72	614	589	0.0124	0.0113	0.0088	0.0004	0.0034	0.0099	0.0020	0.0004	0.0001	0.0076	0.0243
361	2012	EXT	WB	MD	Ramp	0.62	0.78	7.99	1.04	1199	1147	0.0215	0.0197	0.0206	0.0010	0.0082	0.0235	0.0046	0.0010	0.0002	0.0098	0.0603
362	2012	EXT	WB	MD	Ramp	0.15	0.18	2.79	0.67	375	361	0.0125	0.0115	0.0047	0.0002	0.0028	0.0071	0.0010	0.0002	0.0001	0.0103	0.0274
363	2012	EXT	WB	MD	Ramp	0.76	0.96	11.76	1.70	1632	1563	0.0315	0.0287	0.0253	0.0013	0.0103	0.0293	0.0057	0.0013	0.0002	0.0175	0.0776
364	2012	EXT	WB	MD	HOV																	
365	2012	EXT	WB	MD	HOV																	
366	2012	EXT	WB	MD	HOV																	
367	2012	EXT	WB	MD	HOV																	
368	2012	EXT	WB	MD	HOV																	
369	2012	EXT	WB	MD	HOV																	
370	2012	EXT	WB	MD	HOV																	
371	2012	EXT	WB	MD	HOV																	
372	2012	EXT	WB	MD	HOV																	
373	2012	EXT	WB	MD	HOV																	
374	2012	EXT	WB	MD	HOV																	
375	2012	EXT	WB	MD	HOV																	
376	2012	EXT	WB	MD	HOV																	
377	2012	EXT	WB	MD	HOV																	
378	2012	EXT	WB	MD	HOV																	
379	2012	EXT	WB	MD	HOV																	
380	2012	EXT	WB	MD	HOV																	
381	2012	EXT	WB	MD	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
382	2012	EXT	WB	MD	HOV																	
383	2012	EXT	WB	MD	HOV																	
384	2012	EXT	WB	MD	HOV																	
385	2012	EXT	WB	MD	HOV																	
386	2012	EXT	WB	MD	HOV																	
387	2012	EXT	WB	MD	HOV																	
388	2012	EXT	WB	MD	HOV																	
389	2012	EXT	WB	MD	HOV																	
390	2012	EXT	WB	MD	HOV																	
391	2012	EXT	WB	MD	HOV																	
392	2012	EXT	WB	MD	HOV																	
393	2012	EXT	WB	MD	HOV																	
394	2012	EXT	WB	MD	HOV																	
395	2012	EXT	WB	MD	HOV																	
396	2012	EXT	WB	MD	HOV																	
397	2012	EXT	WB	MD	HOV																	
398	2012	EXT	WB	MD	HOV																	
399	2012	EXT	WB	MD	HOV																	
400	2012	EXT	WB	MD	HOV																	
401	2012	EXT	WB	MD	HOV																	
402	2012	EXT	WB	MD	HOV																	
403	2012	EXT	WB	MD	HOV																	
404	2012	EXT	WB	MD	HOV																	
405	2012	EXT	WB	MD	HOV																	
406	2012	EXT	WB	MD	HOV																	
407	2012	EXT	WB	MD	HOV																	
408	2012	EXT	WB	MD	HOV																	
409	2012	EXT	WB	MD	HOV																	
410	2012	EXT	WB	MD	HOV																	
411	2012	EXT	WB	MD	HOV																	
412	2012	EXT	WB	MD	HOV																	
413	2012	EXT	WB	MD	HOV																	
414	2012	EXT	WB	MD	HOV																	
415	2012	EXT	WB	MD	HOV																	
416	2012	EXT	WB	MD	HOV																	
417	2012	EXT	WB	MD	HOV																	
418	2012	EXT	WB	MD	HOV																	
419	2012	EXT	WB	MD	HOV	2.12	2.64	47.21	5.11	5304	5065	0.0469	0.0424	0.0716	0.0038	0.0150	0.0560	0.0166	0.0035	0.0005	0.0074	0.0137
420	2012	EXT	WB	MD	HOV	1.49	1.86	33.14	3.59	3724	3556	0.0329	0.0298	0.0502	0.0027	0.0105	0.0393	0.0117	0.0024	0.0004	0.0052	0.0096
421	2012	EXT	WB	MD	HOV	1.42	1.77	31.53	3.41	3548	3388	0.0314	0.0284	0.0479	0.0026	0.0100	0.0375	0.0111	0.0023	0.0004	0.0049	0.0092
422	2012	EXT	WB	MD	HOV	0.84	1.02	22.05	2.76	2293	2190	0.0166	0.0150	0.0279	0.0015	0.0059	0.0219	0.0065	0.0012	0.0002	0.0032	0.0046
423	2012	EXT	WB	MD	HOV	1.62	1.96	42.52	5.31	4421	4222	0.0320	0.0288	0.0538	0.0029	0.0115	0.0423	0.0125	0.0023	0.0003	0.0061	0.0089
424	2012	EXT	WB	MD	HOV	0.40	0.48	10.40	1.30	1081	1032	0.0078	0.0071	0.0131	0.0007	0.0028	0.0103	0.0031	0.0006	0.0001	0.0015	0.0022
425	2012	EXT	WB	MD	HOV	0.93	1.13	24.57	3.07	2555	2440	0.0185	0.0167	0.0311	0.0017	0.0066	0.0244	0.0072	0.0013	0.0002	0.0035	0.0052
426	2012	EXT	WB	MD	HOV	0.52	0.64	13.80	1.64	1418	1354	0.0107	0.0096	0.0173	0.0009	0.0037	0.0136	0.0040	0.0008	0.0001	0.0019	0.0031
427	2012	EXT	WB	MD	HOV	0.99	1.21	26.38	3.13	2710	2588	0.0204	0.0184	0.0331	0.0018	0.0070	0.0260	0.0077	0.0015	0.0002	0.0037	0.0060
428	2012	EXT	WB	MD	HOV	1.46	1.79	38.76	4.60	3983	3803	0.0300	0.0271	0.0486	0.0026	0.0103	0.0382	0.0113	0.0022	0.0003	0.0054	0.0088
429	2012	EXT	WB	MD	HOV	1.77	2.16	46.95	5.57	4824	4606	0.0363	0.0328	0.0589	0.0032	0.0125	0.0463	0.0137	0.0026	0.0004	0.0066	0.0107

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
430	2012	EXT	WB	MD	HOV	1.22	1.50	31.82	3.71	3291	3143	0.0254	0.0230	0.0407	0.0022	0.0086	0.0319	0.0095	0.0019	0.0003	0.0045	0.0075
431	2012	EXT	WB	MD	HOV	1.10	1.35	28.68	3.35	2967	2833	0.0229	0.0207	0.0367	0.0020	0.0078	0.0288	0.0085	0.0017	0.0003	0.0041	0.0068
432	2012	EXT	WB	MD	HOV	1.29	1.59	33.78	3.94	3494	3336	0.0270	0.0244	0.0432	0.0023	0.0091	0.0339	0.0100	0.0020	0.0003	0.0048	0.0080
433	2012	EXT	WB	MD	HOV	2.03	2.49	53.01	6.19	5483	5235	0.0423	0.0382	0.0678	0.0036	0.0144	0.0532	0.0158	0.0031	0.0005	0.0075	0.0125
434	2012	EXT	WB	MD	HOV	0.84	1.03	21.92	2.56	2267	2165	0.0175	0.0158	0.0280	0.0015	0.0059	0.0220	0.0065	0.0013	0.0002	0.0031	0.0052
435	2012	EXT	WB	MD	HOV	1.85	2.28	47.05	5.39	4922	4700	0.0392	0.0355	0.0619	0.0033	0.0131	0.0486	0.0144	0.0029	0.0004	0.0068	0.0117
436	2012	EXT	WB	MD	HOV	0.18	0.22	4.51	0.52	472	451	0.0038	0.0034	0.0059	0.0003	0.0013	0.0047	0.0014	0.0003	0.0000	0.0006	0.0011
437	2012	EXT	WB	MD	HOV	1.97	2.42	50.05	5.74	5236	5000	0.0417	0.0377	0.0658	0.0035	0.0139	0.0517	0.0153	0.0031	0.0005	0.0072	0.0125
216	2012	EXT	WB	PM	Mainline	4.88	5.84	109.97	28.12	14160	13637	0.6710	0.6158	0.1557	0.0077	0.0763	0.2041	0.0346	0.0064	0.0034	0.6066	0.6422
217	2012	EXT	WB	PM	Mainline	4.54	5.43	101.01	26.47	13155	12672	0.6612	0.6069	0.1447	0.0072	0.0723	0.1923	0.0321	0.0060	0.0033	0.6021	0.6162
218	2012	EXT	WB	PM	Mainline	3.44	4.11	75.28	18.50	9652	9289	0.4728	0.4339	0.1104	0.0055	0.0511	0.1389	0.0247	0.0045	0.0024	0.4282	0.4098
219	2012	EXT	WB	PM	Mainline	4.79	5.73	106.30	26.81	13725	13214	0.6714	0.6162	0.1534	0.0076	0.0731	0.1972	0.0342	0.0063	0.0034	0.6088	0.6025
220	2012	EXT	WB	PM	Mainline	2.89	3.46	65.15	15.27	8210	7897	0.3538	0.3246	0.0928	0.0047	0.0411	0.1134	0.0208	0.0038	0.0018	0.3153	0.3194
221	2012	EXT	WB	PM	Mainline	3.06	3.66	68.58	16.40	8708	8378	0.3914	0.3592	0.0983	0.0049	0.0444	0.1216	0.0220	0.0040	0.0020	0.3509	0.3499
222	2012	EXT	WB	PM	Mainline	3.15	3.78	70.66	15.88	8823	8481	0.3673	0.3369	0.1017	0.0051	0.0429	0.1202	0.0229	0.0041	0.0019	0.3252	0.3186
223	2012	EXT	WB	PM	Mainline	1.53	1.83	34.51	7.64	4289	4122	0.1715	0.1573	0.0493	0.0025	0.0205	0.0576	0.0111	0.0020	0.0009	0.1510	0.1499
224	2012	EXT	WB	PM	Mainline	1.69	2.02	38.55	7.13	4577	4389	0.1342	0.1229	0.0551	0.0029	0.0188	0.0567	0.0126	0.0022	0.0008	0.1109	0.1085
225	2012	EXT	WB	PM	Mainline	1.08	1.30	24.65	4.58	2931	2811	0.0871	0.0798	0.0353	0.0018	0.0121	0.0364	0.0081	0.0014	0.0005	0.0722	0.0704
226	2012	EXT	WB	PM	Mainline	4.98	5.95	111.53	20.55	13258	12714	0.4015	0.3677	0.1622	0.0084	0.0553	0.1666	0.0371	0.0064	0.0023	0.3338	0.3164
227	2012	EXT	WB	PM	Mainline	1.93	2.31	43.17	7.75	5104	4893	0.1475	0.1350	0.0629	0.0033	0.0209	0.0636	0.0144	0.0025	0.0008	0.1212	0.1143
228	2012	EXT	WB	PM	Mainline	1.10	1.32	24.94	4.39	2931	2809	0.0792	0.0725	0.0359	0.0019	0.0117	0.0358	0.0082	0.0014	0.0005	0.0640	0.0615
229	2012	EXT	WB	PM	Mainline	7.26	8.71	167.12	29.77	19656	18840	0.5264	0.4818	0.2372	0.0124	0.0777	0.2378	0.0543	0.0094	0.0031	0.4254	0.4196
230	2012	EXT	WB	PM	Mainline	1.75	2.10	40.84	7.29	4791	4592	0.1252	0.1146	0.0572	0.0030	0.0188	0.0574	0.0131	0.0023	0.0007	0.1006	0.1021
231	2012	EXT	WB	PM	Mainline	7.23	8.68	167.40	30.05	19708	18891	0.5293	0.4845	0.2362	0.0123	0.0780	0.2379	0.0541	0.0094	0.0031	0.4284	0.4270
232	2012	EXT	WB	PM	Mainline	1.94	2.33	45.38	8.16	5319	5099	0.1394	0.1276	0.0632	0.0033	0.0209	0.0638	0.0145	0.0025	0.0008	0.1121	0.1156
233	2012	EXT	WB	PM	Mainline	6.33	7.62	152.92	28.10	17737	17007	0.4514	0.4132	0.2063	0.0107	0.0705	0.2125	0.0471	0.0085	0.0027	0.3602	0.4122
234	2012	EXT	WB	PM	Mainline	1.07	1.29	25.54	4.56	2966	2843	0.0738	0.0675	0.0350	0.0018	0.0115	0.0352	0.0080	0.0014	0.0004	0.0585	0.0634
235	2012	EXT	WB	PM	Mainline	4.13	4.97	100.77	18.19	11585	11107	0.2800	0.2562	0.1346	0.0070	0.0455	0.1377	0.0307	0.0056	0.0017	0.2199	0.2628
236	2012	EXT	WB	PM	Mainline	2.77	3.33	66.37	11.93	7694	7376	0.1911	0.1748	0.0904	0.0047	0.0300	0.0914	0.0207	0.0037	0.0011	0.1514	0.1674
237	2012	EXT	WB	PM	Mainline	4.77	5.72	111.56	19.39	13001	12458	0.3187	0.2916	0.1559	0.0081	0.0497	0.1536	0.0358	0.0062	0.0019	0.2514	0.2559
238	2012	EXT	WB	PM	Mainline	1.54	1.85	36.39	6.27	4213	4036	0.0990	0.0906	0.0503	0.0026	0.0159	0.0493	0.0115	0.0020	0.0006	0.0771	0.0808
239	2012	EXT	WB	PM	Mainline	1.38	1.65	32.69	5.62	3776	3617	0.0876	0.0801	0.0450	0.0024	0.0142	0.0441	0.0103	0.0018	0.0005	0.0679	0.0719
240	2012	EXT	WB	PM	Mainline	1.69	2.03	40.05	6.82	4623	4429	0.1055	0.0964	0.0553	0.0029	0.0172	0.0538	0.0127	0.0022	0.0006	0.0813	0.0854
241	2012	EXT	WB	PM	Mainline	6.20	7.45	148.85	25.64	17098	16382	0.3867	0.3537	0.2026	0.0106	0.0640	0.1986	0.0465	0.0082	0.0024	0.2974	0.3268
242	2012	EXT	WB	PM	Mainline	0.44	0.53	10.41	1.77	1204	1154	0.0278	0.0254	0.0145	0.0008	0.0045	0.0140	0.0033	0.0006	0.0002	0.0215	0.0223
243	2012	EXT	WB	PM	Mainline	5.35	6.43	128.85	22.33	14793	14174	0.3363	0.3076	0.1748	0.0091	0.0556	0.1721	0.0400	0.0071	0.0021	0.2591	0.2880
244	2012	EXT	WB	PM	Mainline	0.78	0.94	19.11	3.31	2182	2091	0.0487	0.0445	0.0256	0.0013	0.0082	0.0253	0.0059	0.0011	0.0003	0.0372	0.0430
245	2012	EXT	WB	PM	Mainline	5.07	6.10	122.46	21.28	14053	13466	0.3199	0.2926	0.1657	0.0087	0.0529	0.1635	0.0380	0.0068	0.0020	0.2465	0.2759
246	2012	EXT	WB	PM	Mainline	3.74	4.50	91.22	16.07	10446	10012	0.2406	0.2201	0.1222	0.0064	0.0399	0.1223	0.0279	0.0050	0.0015	0.1861	0.2173
247	2012	EXT	WB	PM	Mainline	5.14	6.18	123.41	21.97	14263	13671	0.3454	0.3160	0.1677	0.0087	0.0551	0.1684	0.0384	0.0068	0.0021	0.2716	0.3016
248	2012	EXT	WB	PM	Mainline	1.51	1.82	36.79	6.55	4229	4054	0.1002	0.0916	0.0494	0.0026	0.0163	0.0498	0.0113	0.0020	0.0006	0.0782	0.0901
249	2012	EXT	WB	PM	Mainline	5.27	6.33	122.79	21.73	14391	13792	0.3704	0.3390	0.1723	0.0090	0.0560	0.1718	0.0395	0.0069	0.0022	0.2964	0.2986
250	2012	EXT	WB	PM	Mainline	7.64	9.20	185.68	33.37	21382	20498	0.5161	0.4722	0.2493	0.0130	0.0833	0.2532	0.0569	0.0103	0.0031	0.4053	0.4711
251	2012	EXT	WB	PM	Mainline	6.16	7.40	146.71	26.61	17087	16381	0.4378	0.4007	0.2009	0.0104	0.0674	0.2044	0.0459	0.0082	0.0026	0.3500	0.3808
252	2012	EXT	WB	PM	Mainline	4.60	5.53	110.93	20.27	12865	12335	0.3252	0.2977	0.1500	0.0078	0.0508	0.1537	0.0342	0.0062	0.0019	0.2590	0.2933
253	2012	EXT	WB	PM	Mainline																	
254	2012	EXT	WB	PM	Mainline																	
255	2012	EXT	WB	PM	Mainline	5.74	6.89	135.68	25.12	15923	15269	0.4317	0.3953	0.1870	0.0097	0.0642	0.1930	0.0427	0.0076	0.0025	0.3505	0.3752

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
256	2012	EXT	WB	PM	Mainline	3.76	4.51	88.03	16.18	10364	9938	0.2838	0.2598	0.1226	0.0064	0.0417	0.1257	0.0280	0.0049	0.0016	0.2310	0.2394
257	2012	EXT	WB	PM	Mainline	4.59	5.52	109.17	20.41	12806	12281	0.3492	0.3197	0.1496	0.0077	0.0520	0.1557	0.0341	0.0061	0.0020	0.2840	0.3099
258	2012	EXT	WB	PM	Mainline	4.04	4.85	95.06	17.54	11173	10713	0.3044	0.2787	0.1317	0.0068	0.0450	0.1355	0.0301	0.0053	0.0018	0.2474	0.2607
259	2012	EXT	WB	PM	Mainline																	
260	2012	EXT	WB	PM	Mainline																	
261	2012	EXT	WB	PM	Mainline	5.01	6.01	116.52	21.44	13767	13201	0.3840	0.3516	0.1635	0.0085	0.0555	0.1676	0.0373	0.0066	0.0022	0.3140	0.3182
262	2012	EXT	WB	PM	Mainline	12.53	15.05	295.89	56.69	34981	33559	1.0111	0.9260	0.4075	0.0210	0.1455	0.4315	0.0928	0.0166	0.0057	0.8344	0.9009
263	2012	EXT	WB	PM	Mainline	6.53	7.84	152.77	29.05	18109	17371	0.5276	0.4832	0.2124	0.0110	0.0750	0.2233	0.0484	0.0086	0.0030	0.4362	0.4567
264	2012	EXT	WB	PM	Mainline	2.47	2.98	60.94	11.96	7082	6799	0.1932	0.1769	0.0801	0.0041	0.0313	0.0899	0.0181	0.0034	0.0011	0.1569	0.2180
265	2012	EXT	WB	PM	Mainline	1.33	1.60	31.81	6.33	3774	3623	0.1135	0.1040	0.0433	0.0022	0.0162	0.0473	0.0098	0.0018	0.0006	0.0946	0.1068
266	2012	EXT	WB	PM	Mainline	8.53	10.24	201.54	40.98	24111	23149	0.7651	0.7011	0.2762	0.0142	0.1059	0.3063	0.0626	0.0114	0.0042	0.6455	0.7163
267	2012	EXT	WB	PM	Mainline	1.32	1.59	31.29	6.27	3727	3578	0.1148	0.1052	0.0428	0.0022	0.0161	0.0469	0.0097	0.0018	0.0006	0.0962	0.1069
268	2012	EXT	WB	PM	Mainline	0.24	0.29	5.56	1.19	676	649	0.0237	0.0218	0.0077	0.0004	0.0031	0.0088	0.0017	0.0003	0.0001	0.0205	0.0222
269	2012	EXT	WB	PM	Mainline	6.08	7.31	144.81	31.14	17478	16795	0.5915	0.5422	0.1963	0.0100	0.0815	0.2296	0.0442	0.0082	0.0032	0.5060	0.6017
270	2012	EXT	WB	PM	Mainline	2.75	3.31	66.60	14.34	7970	7660	0.2582	0.2367	0.0885	0.0045	0.0380	0.1060	0.0199	0.0037	0.0014	0.2190	0.2910
271	2012	EXT	WB	PM	Mainline	3.12	3.73	69.30	18.96	9138	8808	0.4805	0.4411	0.0992	0.0049	0.0520	0.1365	0.0219	0.0041	0.0024	0.4401	0.4583
272	2012	EXT	WB	PM	Mainline	2.29	2.75	51.30	14.02	6745	6502	0.3474	0.3189	0.0729	0.0036	0.0384	0.1006	0.0161	0.0030	0.0017	0.3175	0.3391
273	2012	EXT	WB	PM	Mainline	2.42	2.90	53.81	14.22	7033	6776	0.3597	0.3302	0.0773	0.0038	0.0389	0.1033	0.0171	0.0032	0.0018	0.3282	0.3334
274	2012	EXT	WB	PM	Mainline	2.80	3.34	61.84	16.47	8110	7814	0.4223	0.3877	0.0892	0.0044	0.0451	0.1196	0.0198	0.0037	0.0021	0.3862	0.3881
275	2012	EXT	WB	PM	Mainline	5.06	6.04	109.91	29.05	14405	13878	0.7743	0.7108	0.1614	0.0080	0.0805	0.2142	0.0358	0.0066	0.0038	0.7097	0.6844
276	2012	EXT	WB	PM	Mainline	1.42	1.69	30.77	7.86	3991	3843	0.2075	0.1905	0.0454	0.0023	0.0218	0.0586	0.0101	0.0018	0.0010	0.1893	0.1803
277	2012	EXT	WB	PM	Mainline	3.01	3.59	65.55	17.44	8608	8294	0.4637	0.4257	0.0960	0.0047	0.0483	0.1281	0.0213	0.0039	0.0023	0.4252	0.4125
278	2012	EXT	WB	PM	Mainline	1.57	1.88	34.86	9.64	4610	4445	0.2451	0.2250	0.0499	0.0024	0.0265	0.0692	0.0110	0.0021	0.0012	0.2248	0.2349
279	2012	EXT	WB	PM	Mainline	3.11	3.72	69.72	18.87	9134	8803	0.4634	0.4254	0.0989	0.0049	0.0515	0.1355	0.0219	0.0041	0.0023	0.4228	0.4527
280	2012	EXT	WB	PM	Mainline	4.21	5.03	92.33	26.44	12383	11944	0.7005	0.6432	0.1335	0.0065	0.0730	0.1894	0.0294	0.0056	0.0034	0.6469	0.6601
281	2012	EXT	WB	PM	Mainline	5.45	6.52	121.10	33.78	16047	15473	0.8553	0.7852	0.1730	0.0084	0.0927	0.2420	0.0381	0.0072	0.0042	0.7849	0.8296
282	2012	EXT	WB	PM	Mainline	3.09	3.69	67.24	19.75	9103	8784	0.5346	0.4909	0.0976	0.0047	0.0547	0.1411	0.0214	0.0041	0.0026	0.4956	0.5021
283	2012	EXT	WB	PM	Mainline	2.97	3.55	65.55	18.57	8741	8431	0.4795	0.4402	0.0941	0.0046	0.0511	0.1329	0.0207	0.0039	0.0024	0.4414	0.4611
284	2012	EXT	WB	PM	Mainline	3.70	4.43	83.16	22.77	10917	10524	0.5543	0.5088	0.1175	0.0058	0.0622	0.1628	0.0259	0.0049	0.0028	0.5060	0.5522
285	2012	EXT	WB	PM	Mainline	5.41	6.46	119.18	33.88	15922	15356	0.8819	0.8097	0.1714	0.0083	0.0934	0.2425	0.0377	0.0071	0.0043	0.8127	0.8426
286	2012	EXT	WB	PM	Mainline	2.40	2.87	53.98	14.74	7081	6826	0.3583	0.3289	0.0763	0.0037	0.0403	0.1055	0.0168	0.0032	0.0018	0.3269	0.3569
287	2012	EXT	WB	PM	Mainline	4.32	5.17	95.44	26.95	12717	12264	0.6964	0.6394	0.1370	0.0067	0.0742	0.1930	0.0302	0.0057	0.0034	0.6410	0.6672
288	2012	EXT	WB	PM	Mainline	0.48	0.57	10.57	2.79	1381	1330	0.0706	0.0648	0.0152	0.0008	0.0076	0.0203	0.0034	0.0006	0.0004	0.0645	0.0652
289	2012	EXT	WB	PM	Mainline	4.78	5.72	107.07	29.05	14042	13535	0.7157	0.6569	0.1520	0.0075	0.0794	0.2087	0.0336	0.0063	0.0036	0.6533	0.6987
290	2012	EXT	WB	PM	Ramp	0.19	0.24	4.73	0.61	510	488	0.0060	0.0054	0.0064	0.0003	0.0017	0.0056	0.0015	0.0003	0.0001	0.0027	0.0057
291	2012	EXT	WB	PM	Ramp	0.16	0.20	3.71	0.50	420	401	0.0058	0.0053	0.0054	0.0003	0.0016	0.0050	0.0012	0.0003	0.0000	0.0030	0.0072
292	2012	EXT	WB	PM	Ramp	0.05	0.06	1.14	0.15	122	116	0.0014	0.0013	0.0015	0.0001	0.0004	0.0013	0.0003	0.0001	0.0000	0.0006	0.0013
293	2012	EXT	WB	PM	Ramp	0.66	0.83	10.62	1.38	1440	1378	0.0235	0.0215	0.0222	0.0011	0.0075	0.0228	0.0050	0.0011	0.0002	0.0110	0.0461
294	2012	EXT	WB	PM	Ramp	0.14	0.18	3.22	0.45	369	353	0.0055	0.0050	0.0048	0.0002	0.0014	0.0046	0.0011	0.0002	0.0000	0.0030	0.0073
295	2012	EXT	WB	PM	Ramp	0.62	0.79	8.39	0.95	1242	1187	0.0185	0.0169	0.0211	0.0011	0.0065	0.0204	0.0048	0.0011	0.0002	0.0061	0.0341
296	2012	EXT	WB	PM	Ramp	0.22	0.28	3.49	0.49	479	459	0.0087	0.0079	0.0074	0.0004	0.0028	0.0082	0.0017	0.0004	0.0001	0.0046	0.0196
297	2012	EXT	WB	PM	Ramp	3.44	4.20	62.20	17.74	8822	8518	0.3531	0.3240	0.1075	0.0049	0.0773	0.1882	0.0228	0.0048	0.0019	0.3034	0.8112
298	2012	EXT	WB	PM	Ramp	0.01	0.02	0.29	0.04	34	32	0.0005	0.0004	0.0004	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0002	0.0005
299	2012	EXT	WB	PM	Ramp	0.05	0.06	1.15	0.18	129	123	0.0022	0.0020	0.0016	0.0001	0.0005	0.0016	0.0004	0.0001	0.0000	0.0014	0.0032
300	2012	EXT	WB	PM	Ramp	1.03	1.27	23.48	3.30	2669	2555	0.0402	0.0366	0.0341	0.0018	0.0105	0.0330	0.0078	0.0016	0.0003	0.0222	0.0539
301	2012	EXT	WB	PM	Ramp	0.44	0.55	7.40	1.01	984	942	0.0168	0.0153	0.0147	0.0008	0.0051	0.0153	0.0033	0.0007	0.0001	0.0086	0.0321
302	2012	EXT	WB	PM	Ramp	0.03	0.04	0.74	0.12	84	81	0.0015	0.0014	0.0010	0.0001	0.0004	0.0011	0.0002	0.0000	0.0000	0.0010	0.0022
303	2012	EXT	WB	PM	Ramp	0.16	0.19	3.24	0.49	391	375	0.0070	0.0064	0.0052	0.0003	0.0018	0.0054	0.0012	0.0002	0.0001	0.0042	0.0111

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
304	2012	EXT	WB	PM	Ramp	0.23	0.28	5.08	0.69	583	558	0.0084	0.0077	0.0076	0.0004	0.0022	0.0072	0.0017	0.0004	0.0001	0.0044	0.0108
305	2012	EXT	WB	PM	Ramp	0.17	0.22	3.62	0.55	436	418	0.0078	0.0072	0.0058	0.0003	0.0020	0.0060	0.0013	0.0003	0.0001	0.0048	0.0126
306	2012	EXT	WB	PM	Ramp	0.09	0.11	2.09	0.28	234	223	0.0032	0.0029	0.0030	0.0002	0.0009	0.0028	0.0007	0.0001	0.0000	0.0017	0.0039
307	2012	EXT	WB	PM	Ramp	0.48	0.61	5.90	0.70	915	875	0.0149	0.0135	0.0163	0.0008	0.0055	0.0167	0.0037	0.0009	0.0001	0.0052	0.0335
308	2012	EXT	WB	PM	Ramp	0.22	0.27	4.08	0.55	515	493	0.0083	0.0075	0.0073	0.0004	0.0022	0.0070	0.0017	0.0004	0.0001	0.0043	0.0116
309	2012	EXT	WB	PM	Ramp	0.43	0.55	5.39	0.81	821	786	0.0174	0.0159	0.0142	0.0007	0.0070	0.0188	0.0031	0.0007	0.0001	0.0096	0.0614
310	2012	EXT	WB	PM	Ramp	0.70	0.86	16.33	2.79	1885	1808	0.0392	0.0358	0.0229	0.0012	0.0089	0.0257	0.0052	0.0010	0.0003	0.0278	0.0631
311	2012	EXT	WB	PM	Ramp	0.71	0.90	10.15	1.28	1455	1392	0.0242	0.0221	0.0239	0.0012	0.0085	0.0253	0.0054	0.0012	0.0002	0.0105	0.0555
312	2012	EXT	WB	PM	Ramp	0.19	0.24	3.91	0.51	466	446	0.0066	0.0060	0.0063	0.0003	0.0018	0.0059	0.0015	0.0003	0.0001	0.0031	0.0082
313	2012	EXT	WB	PM	Ramp	0.76	0.93	17.73	2.64	2003	1918	0.0329	0.0300	0.0250	0.0013	0.0082	0.0251	0.0057	0.0012	0.0002	0.0200	0.0466
314	2012	EXT	WB	PM	Ramp	0.10	0.12	2.12	0.28	247	236	0.0035	0.0032	0.0033	0.0002	0.0009	0.0031	0.0008	0.0002	0.0000	0.0017	0.0043
315	2012	EXT	WB	PM	Ramp	0.38	0.48	6.00	0.85	826	791	0.0155	0.0141	0.0128	0.0006	0.0050	0.0144	0.0029	0.0006	0.0001	0.0084	0.0365
316	2012	EXT	WB	PM	Ramp	0.13	0.16	2.69	0.35	321	307	0.0046	0.0041	0.0043	0.0002	0.0012	0.0040	0.0010	0.0002	0.0000	0.0022	0.0057
317	2012	EXT	WB	PM	Ramp	0.36	0.46	5.86	0.82	794	760	0.0143	0.0131	0.0121	0.0006	0.0045	0.0132	0.0027	0.0006	0.0001	0.0076	0.0309
318	2012	EXT	WB	PM	Ramp	0.16	0.20	3.27	0.45	391	374	0.0060	0.0055	0.0053	0.0003	0.0016	0.0051	0.0012	0.0003	0.0000	0.0032	0.0082
319	2012	EXT	WB	PM	Ramp	0.40	0.50	6.05	1.12	861	826	0.0226	0.0207	0.0130	0.0006	0.0072	0.0187	0.0028	0.0006	0.0002	0.0158	0.0669
320	2012	EXT	WB	PM	Ramp	0.20	0.24	3.72	0.44	461	440	0.0058	0.0052	0.0066	0.0003	0.0017	0.0057	0.0015	0.0003	0.0001	0.0021	0.0054
321	2012	EXT	WB	PM	Ramp	0.37	0.47	6.09	0.85	822	787	0.0148	0.0135	0.0125	0.0006	0.0046	0.0135	0.0028	0.0006	0.0001	0.0078	0.0313
322	2012	EXT	WB	PM	Ramp	0.23	0.29	3.59	0.46	497	475	0.0081	0.0074	0.0078	0.0004	0.0027	0.0081	0.0018	0.0004	0.0001	0.0037	0.0167
323	2012	EXT	WB	PM	Ramp	0.42	0.52	8.74	1.33	1056	1012	0.0192	0.0175	0.0140	0.0007	0.0049	0.0147	0.0032	0.0007	0.0001	0.0118	0.0311
324	2012	EXT	WB	PM	Ramp	0.32	0.40	4.72	0.60	665	636	0.0108	0.0099	0.0107	0.0006	0.0037	0.0111	0.0024	0.0005	0.0001	0.0048	0.0234
325	2012	EXT	WB	PM	Ramp	0.61	0.76	9.27	1.47	1297	1243	0.0281	0.0257	0.0200	0.0010	0.0091	0.0251	0.0044	0.0010	0.0002	0.0172	0.0758
326	2012	EXT	WB	PM	Ramp																	
327	2012	EXT	WB	PM	Ramp																	
328	2012	EXT	WB	PM	Ramp	0.13	0.17	2.94	0.37	337	322	0.0042	0.0038	0.0045	0.0002	0.0012	0.0040	0.0010	0.0002	0.0000	0.0018	0.0043
329	2012	EXT	WB	PM	Ramp	0.63	0.79	10.11	1.56	1384	1326	0.0287	0.0262	0.0209	0.0010	0.0089	0.0249	0.0047	0.0010	0.0002	0.0173	0.0694
330	2012	EXT	WB	PM	Ramp	0.20	0.25	3.20	0.45	437	418	0.0080	0.0073	0.0067	0.0003	0.0025	0.0074	0.0015	0.0003	0.0001	0.0043	0.0179
331	2012	EXT	WB	PM	Ramp	0.39	0.49	8.18	1.23	986	944	0.0175	0.0160	0.0130	0.0007	0.0045	0.0135	0.0030	0.0006	0.0001	0.0106	0.0277
332	2012	EXT	WB	PM	Ramp																	
333	2012	EXT	WB	PM	Ramp																	
334	2012	EXT	WB	PM	Ramp	0.19	0.24	3.56	0.53	457	438	0.0086	0.0079	0.0064	0.0003	0.0022	0.0067	0.0014	0.0003	0.0001	0.0052	0.0143
335	2012	EXT	WB	PM	Ramp	0.58	0.72	10.67	2.18	1426	1371	0.0400	0.0367	0.0189	0.0009	0.0095	0.0254	0.0042	0.0009	0.0002	0.0304	0.0840
336	2012	EXT	WB	PM	Ramp	0.33	0.41	7.07	1.28	862	827	0.0199	0.0183	0.0109	0.0005	0.0047	0.0131	0.0024	0.0005	0.0001	0.0144	0.0367
337	2012	EXT	WB	PM	Ramp	0.26	0.32	4.97	1.17	668	643	0.0218	0.0200	0.0084	0.0004	0.0050	0.0126	0.0018	0.0004	0.0001	0.0177	0.0477
338	2012	EXT	WB	PM	Ramp	0.07	0.08	1.08	0.26	157	151	0.0055	0.0051	0.0022	0.0001	0.0014	0.0035	0.0005	0.0001	0.0000	0.0044	0.0140
339	2012	EXT	WB	PM	Ramp	0.54	0.65	13.57	2.34	1517	1454	0.0315	0.0288	0.0176	0.0009	0.0062	0.0186	0.0040	0.0008	0.0002	0.0231	0.0394
340	2012	EXT	WB	PM	Ramp	1.38	1.70	31.28	5.25	3655	3505	0.0745	0.0681	0.0453	0.0023	0.0175	0.0506	0.0102	0.0021	0.0005	0.0515	0.1238
341	2012	EXT	WB	PM	Ramp	2.80	3.45	45.53	12.86	6759	6524	0.2716	0.2493	0.0881	0.0040	0.0623	0.1522	0.0187	0.0040	0.0015	0.2297	0.6511
342	2012	EXT	WB	PM	Ramp	0.17	0.21	3.54	0.64	438	420	0.0102	0.0093	0.0056	0.0003	0.0024	0.0067	0.0012	0.0003	0.0001	0.0074	0.0191
343	2012	EXT	WB	PM	Ramp	0.69	0.86	7.55	1.59	1209	1162	0.0374	0.0343	0.0219	0.0010	0.0170	0.0406	0.0046	0.0010	0.0002	0.0264	0.1831
344	2012	EXT	WB	PM	Ramp	0.91	1.15	13.58	1.54	1898	1814	0.0265	0.0241	0.0306	0.0016	0.0087	0.0284	0.0070	0.0016	0.0003	0.0087	0.0401
345	2012	EXT	WB	PM	Ramp	0.13	0.16	1.77	0.39	263	253	0.0085	0.0078	0.0040	0.0002	0.0028	0.0069	0.0009	0.0002	0.0001	0.0065	0.0291
346	2012	EXT	WB	PM	Ramp	0.36	0.45	5.09	0.82	736	706	0.0166	0.0152	0.0119	0.0006	0.0059	0.0158	0.0026	0.0006	0.0001	0.0102	0.0523
347	2012	EXT	WB	PM	Ramp	0.46	0.58	6.39	0.81	924	883	0.0156	0.0142	0.0153	0.0008	0.0055	0.0164	0.0034	0.0008	0.0001	0.0069	0.0372
348	2012	EXT	WB	PM	Ramp	0.82	1.00	17.33	4.12	2219	2137	0.0732	0.0671	0.0260	0.0012	0.0152	0.0389	0.0057	0.0012	0.0004	0.0609	0.1452
349	2012	EXT	WB	PM	Ramp	0.25	0.31	5.01	0.90	628	603	0.0146	0.0134	0.0082	0.0004	0.0035	0.0098	0.0018	0.0004	0.0001	0.0104	0.0277
350	2012	EXT	WB	PM	Ramp	0.29	0.36	6.13	0.88	730	699	0.0119	0.0109	0.0097	0.0005	0.0031	0.0096	0.0022	0.0005	0.0001	0.0068	0.0176
351	2012	EXT	WB	PM	Ramp	0.22	0.27	2.73	0.91	445	430	0.0214	0.0196	0.0066	0.0003	0.0067	0.0153	0.0013	0.0003	0.0001	0.0185	0.0787

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
352	2012	EXT	WB	PM	Ramp	0.20	0.25	3.34	0.43	444	424	0.0071	0.0065	0.0067	0.0003	0.0022	0.0067	0.0015	0.0003	0.0001	0.0033	0.0127
353	2012	EXT	WB	PM	Ramp	0.23	0.29	3.15	0.37	461	441	0.0072	0.0066	0.0078	0.0004	0.0026	0.0079	0.0018	0.0004	0.0001	0.0027	0.0152
354	2012	EXT	WB	PM	Ramp	0.25	0.31	3.46	0.58	503	482	0.0119	0.0109	0.0081	0.0004	0.0043	0.0113	0.0018	0.0004	0.0001	0.0076	0.0391
355	2012	EXT	WB	PM	Ramp	0.35	0.44	5.73	0.79	772	739	0.0136	0.0124	0.0117	0.0006	0.0042	0.0125	0.0026	0.0006	0.0001	0.0071	0.0281
356	2012	EXT	WB	PM	Ramp	0.43	0.54	6.46	0.92	906	867	0.0172	0.0157	0.0143	0.0007	0.0058	0.0165	0.0032	0.0007	0.0001	0.0093	0.0438
357	2012	EXT	WB	PM	Ramp	0.82	1.03	11.84	1.62	1687	1615	0.0309	0.0282	0.0273	0.0014	0.0108	0.0311	0.0061	0.0014	0.0003	0.0156	0.0798
358	2012	EXT	WB	PM	Ramp	0.40	0.50	5.42	0.80	793	759	0.0161	0.0147	0.0131	0.0007	0.0060	0.0164	0.0029	0.0006	0.0001	0.0088	0.0493
359	2012	EXT	WB	PM	Ramp	0.65	0.82	8.43	1.20	1263	1209	0.0250	0.0228	0.0216	0.0011	0.0097	0.0267	0.0048	0.0011	0.0002	0.0129	0.0792
360	2012	EXT	WB	PM	Ramp	0.24	0.29	3.77	0.57	514	493	0.0103	0.0094	0.0078	0.0004	0.0032	0.0090	0.0017	0.0004	0.0001	0.0060	0.0241
361	2012	EXT	WB	PM	Ramp	0.56	0.71	6.56	0.81	1039	993	0.0180	0.0164	0.0188	0.0010	0.0069	0.0204	0.0042	0.0010	0.0002	0.0068	0.0469
362	2012	EXT	WB	PM	Ramp	0.22	0.28	4.13	0.67	534	512	0.0113	0.0103	0.0074	0.0004	0.0028	0.0082	0.0017	0.0004	0.0001	0.0073	0.0203
363	2012	EXT	WB	PM	Ramp	0.81	1.02	11.32	1.50	1634	1563	0.0290	0.0264	0.0269	0.0014	0.0104	0.0301	0.0061	0.0014	0.0002	0.0137	0.0742
364	2012	EXT	WB	PM	HOV																	
365	2012	EXT	WB	PM	HOV																	
366	2012	EXT	WB	PM	HOV																	
367	2012	EXT	WB	PM	HOV																	
368	2012	EXT	WB	PM	HOV																	
369	2012	EXT	WB	PM	HOV																	
370	2012	EXT	WB	PM	HOV																	
371	2012	EXT	WB	PM	HOV																	
372	2012	EXT	WB	PM	HOV																	
373	2012	EXT	WB	PM	HOV																	
374	2012	EXT	WB	PM	HOV																	
375	2012	EXT	WB	PM	HOV																	
376	2012	EXT	WB	PM	HOV																	
377	2012	EXT	WB	PM	HOV																	
378	2012	EXT	WB	PM	HOV																	
379	2012	EXT	WB	PM	HOV																	
380	2012	EXT	WB	PM	HOV																	
381	2012	EXT	WB	PM	HOV																	
382	2012	EXT	WB	PM	HOV																	
383	2012	EXT	WB	PM	HOV																	
384	2012	EXT	WB	PM	HOV																	
385	2012	EXT	WB	PM	HOV																	
386	2012	EXT	WB	PM	HOV																	
387	2012	EXT	WB	PM	HOV																	
388	2012	EXT	WB	PM	HOV																	
389	2012	EXT	WB	PM	HOV																	
390	2012	EXT	WB	PM	HOV																	
391	2012	EXT	WB	PM	HOV																	
392	2012	EXT	WB	PM	HOV																	
393	2012	EXT	WB	PM	HOV																	
394	2012	EXT	WB	PM	HOV																	
395	2012	EXT	WB	PM	HOV																	
396	2012	EXT	WB	PM	HOV																	
397	2012	EXT	WB	PM	HOV																	
398	2012	EXT	WB	PM	HOV																	
399	2012	EXT	WB	PM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
400	2012	EXT	WB	PM	HOV																	
401	2012	EXT	WB	PM	HOV																	
402	2012	EXT	WB	PM	HOV																	
403	2012	EXT	WB	PM	HOV																	
404	2012	EXT	WB	PM	HOV																	
405	2012	EXT	WB	PM	HOV																	
406	2012	EXT	WB	PM	HOV																	
407	2012	EXT	WB	PM	HOV																	
408	2012	EXT	WB	PM	HOV																	
409	2012	EXT	WB	PM	HOV																	
410	2012	EXT	WB	PM	HOV																	
411	2012	EXT	WB	PM	HOV																	
412	2012	EXT	WB	PM	HOV																	
413	2012	EXT	WB	PM	HOV																	
414	2012	EXT	WB	PM	HOV																	
415	2012	EXT	WB	PM	HOV																	
416	2012	EXT	WB	PM	HOV																	
417	2012	EXT	WB	PM	HOV																	
418	2012	EXT	WB	PM	HOV																	
419	2012	EXT	WB	PM	HOV	1.95	2.45	38.51	4.00	4630	4421	0.0441	0.0399	0.0661	0.0036	0.0138	0.0516	0.0153	0.0033	0.0005	0.0064	0.0124
420	2012	EXT	WB	PM	HOV	1.37	1.72	27.04	2.81	3250	3103	0.0309	0.0280	0.0464	0.0025	0.0097	0.0362	0.0108	0.0023	0.0003	0.0045	0.0087
421	2012	EXT	WB	PM	HOV	1.31	1.64	25.73	2.67	3098	2958	0.0295	0.0268	0.0443	0.0024	0.0092	0.0346	0.0103	0.0022	0.0003	0.0043	0.0083
422	2012	EXT	WB	PM	HOV	0.66	0.81	17.59	2.13	1810	1729	0.0135	0.0121	0.0221	0.0012	0.0047	0.0173	0.0051	0.0010	0.0001	0.0025	0.0039
423	2012	EXT	WB	PM	HOV	1.28	1.56	33.91	4.11	3490	3333	0.0259	0.0234	0.0425	0.0023	0.0090	0.0334	0.0099	0.0019	0.0003	0.0048	0.0075
424	2012	EXT	WB	PM	HOV	0.31	0.38	8.29	1.00	854	815	0.0063	0.0057	0.0104	0.0006	0.0022	0.0082	0.0024	0.0005	0.0001	0.0012	0.0018
425	2012	EXT	WB	PM	HOV	0.74	0.90	19.60	2.37	2017	1926	0.0150	0.0135	0.0246	0.0013	0.0052	0.0193	0.0057	0.0011	0.0002	0.0028	0.0043
426	2012	EXT	WB	PM	HOV	0.45	0.55	11.34	1.30	1186	1132	0.0094	0.0085	0.0149	0.0008	0.0032	0.0117	0.0035	0.0007	0.0001	0.0016	0.0028
427	2012	EXT	WB	PM	HOV	0.85	1.05	21.68	2.48	2268	2165	0.0181	0.0163	0.0285	0.0015	0.0060	0.0224	0.0066	0.0013	0.0002	0.0031	0.0054
428	2012	EXT	WB	PM	HOV	1.25	1.54	31.85	3.65	3332	3182	0.0265	0.0240	0.0419	0.0023	0.0089	0.0329	0.0097	0.0019	0.0003	0.0046	0.0080
429	2012	EXT	WB	PM	HOV	1.52	1.87	38.58	4.42	4035	3853	0.0321	0.0291	0.0507	0.0027	0.0107	0.0398	0.0118	0.0024	0.0004	0.0056	0.0096
430	2012	EXT	WB	PM	HOV	1.09	1.34	26.50	2.97	2832	2704	0.0234	0.0212	0.0364	0.0020	0.0077	0.0286	0.0085	0.0017	0.0003	0.0039	0.0070
431	2012	EXT	WB	PM	HOV	0.98	1.21	23.89	2.68	2552	2437	0.0211	0.0191	0.0328	0.0018	0.0069	0.0257	0.0076	0.0016	0.0002	0.0035	0.0063
432	2012	EXT	WB	PM	HOV	1.15	1.43	28.13	3.16	3006	2870	0.0248	0.0225	0.0387	0.0021	0.0082	0.0303	0.0090	0.0018	0.0003	0.0042	0.0074
433	2012	EXT	WB	PM	HOV	1.81	2.24	44.15	4.95	4717	4504	0.0389	0.0352	0.0607	0.0033	0.0128	0.0476	0.0141	0.0029	0.0004	0.0065	0.0117
434	2012	EXT	WB	PM	HOV	0.75	0.92	18.25	2.05	1950	1862	0.0161	0.0146	0.0251	0.0013	0.0053	0.0197	0.0058	0.0012	0.0002	0.0027	0.0048
435	2012	EXT	WB	PM	HOV	1.54	1.91	36.87	4.09	3978	3799	0.0334	0.0302	0.0517	0.0028	0.0109	0.0405	0.0120	0.0025	0.0004	0.0055	0.0100
436	2012	EXT	WB	PM	HOV	0.15	0.18	3.53	0.39	381	364	0.0032	0.0029	0.0050	0.0003	0.0010	0.0039	0.0012	0.0002	0.0000	0.0005	0.0010
437	2012	EXT	WB	PM	HOV	1.64	2.03	39.22	4.35	4231	4040	0.0355	0.0321	0.0550	0.0030	0.0116	0.0431	0.0128	0.0026	0.0004	0.0059	0.0106
216	2012	EXT	WB	NT	Mainline	4.29	5.07	81.38	39.60	13397	13026	1.4463	1.3296	0.1298	0.0056	0.1157	0.2691	0.0268	0.0057	0.0066	1.4019	1.2862
217	2012	EXT	WB	NT	Mainline	4.03	4.76	75.97	37.95	12650	12305	1.3985	1.2856	0.1217	0.0052	0.1110	0.2571	0.0250	0.0054	0.0063	1.3573	1.2425
218	2012	EXT	WB	NT	Mainline	2.83	3.34	54.16	24.91	8689	8440	0.9040	0.8310	0.0861	0.0038	0.0727	0.1708	0.0179	0.0038	0.0041	0.8741	0.7945
219	2012	EXT	WB	NT	Mainline	4.03	4.77	76.66	36.93	12558	12208	1.3499	1.2409	0.1223	0.0053	0.1079	0.2514	0.0253	0.0054	0.0061	1.3079	1.1959
220	2012	EXT	WB	NT	Mainline	2.47	2.92	48.50	19.95	7431	7206	0.6936	0.6375	0.0759	0.0034	0.0579	0.1387	0.0161	0.0033	0.0032	0.6664	0.6103
221	2012	EXT	WB	NT	Mainline	2.61	3.09	50.94	21.78	7929	7693	0.7679	0.7058	0.0801	0.0036	0.0633	0.1507	0.0169	0.0035	0.0035	0.7395	0.6763
222	2012	EXT	WB	NT	Mainline	2.64	3.12	52.35	20.29	7832	7588	0.6940	0.6378	0.0816	0.0038	0.0588	0.1426	0.0174	0.0035	0.0032	0.6644	0.6061
223	2012	EXT	WB	NT	Mainline	1.26	1.49	25.08	9.54	3725	3608	0.3239	0.2976	0.0390	0.0018	0.0276	0.0672	0.0083	0.0017	0.0015	0.3097	0.2827
224	2012	EXT	WB	NT	Mainline	1.65	1.95	32.09	13.73	4996	4847	0.4843	0.4451	0.0505	0.0023	0.0399	0.0950	0.0106	0.0022	0.0022	0.4664	0.4266
225	2012	EXT	WB	NT	Mainline	1.05	1.25	20.44	8.92	3208	3114	0.3167	0.2911	0.0322	0.0014	0.0260	0.0615	0.0068	0.0014	0.0014	0.3054	0.2791

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
226	2012	EXT	WB	NT	Mainline	4.69	5.55	90.63	39.92	14274	13856	1.4319	1.3161	0.1434	0.0064	0.1164	0.2755	0.0300	0.0062	0.0065	1.3815	1.2545
227	2012	EXT	WB	NT	Mainline	1.73	2.05	34.01	13.79	5178	5020	0.4825	0.4434	0.0534	0.0024	0.0401	0.0964	0.0113	0.0023	0.0022	0.4633	0.4200
228	2012	EXT	WB	NT	Mainline	0.98	1.16	19.62	7.17	2870	2778	0.2410	0.2214	0.0304	0.0014	0.0207	0.0509	0.0065	0.0013	0.0011	0.2297	0.2088
229	2012	EXT	WB	NT	Mainline	6.75	8.01	135.24	50.18	19897	19263	1.6882	1.5512	0.2099	0.0097	0.1450	0.3550	0.0450	0.0089	0.0079	1.6111	1.4698
230	2012	EXT	WB	NT	Mainline	1.61	1.91	32.29	11.74	4715	4563	0.3915	0.3597	0.0500	0.0023	0.0339	0.0833	0.0107	0.0021	0.0018	0.3731	0.3408
231	2012	EXT	WB	NT	Mainline	6.57	7.79	131.16	49.41	19408	18795	1.6716	1.5361	0.2038	0.0094	0.1428	0.3487	0.0436	0.0086	0.0078	1.5970	1.4571
232	2012	EXT	WB	NT	Mainline	1.76	2.09	35.50	12.92	5185	5018	0.4305	0.3956	0.0549	0.0026	0.0373	0.0916	0.0118	0.0023	0.0020	0.4102	0.3749
233	2012	EXT	WB	NT	Mainline	6.12	7.26	123.04	46.17	18197	17621	1.5357	1.4111	0.1899	0.0088	0.1330	0.3247	0.0406	0.0080	0.0071	1.4657	1.3571
234	2012	EXT	WB	NT	Mainline	1.00	1.18	20.16	7.19	2923	2829	0.2358	0.2166	0.0310	0.0015	0.0207	0.0511	0.0067	0.0013	0.0011	0.2242	0.2064
235	2012	EXT	WB	NT	Mainline	3.99	4.74	80.54	29.72	11836	11458	0.9802	0.9007	0.1240	0.0058	0.0855	0.2095	0.0266	0.0052	0.0046	0.9343	0.8664
236	2012	EXT	WB	NT	Mainline	2.54	3.02	51.31	18.53	7477	7236	0.6110	0.5614	0.0791	0.0037	0.0534	0.1314	0.0170	0.0033	0.0029	0.5817	0.5355
237	2012	EXT	WB	NT	Mainline	3.98	4.72	78.93	31.16	11899	11531	1.0678	0.9813	0.1230	0.0056	0.0902	0.2181	0.0262	0.0052	0.0049	1.0232	0.9376
238	2012	EXT	WB	NT	Mainline	1.28	1.52	25.57	9.64	3786	3666	0.3239	0.2976	0.0396	0.0018	0.0278	0.0679	0.0085	0.0017	0.0015	0.3094	0.2841
239	2012	EXT	WB	NT	Mainline	1.13	1.34	22.64	8.48	3344	3238	0.2842	0.2612	0.0351	0.0016	0.0245	0.0598	0.0075	0.0015	0.0013	0.2714	0.2492
240	2012	EXT	WB	NT	Mainline	1.37	1.63	27.92	9.62	3997	3866	0.3125	0.2871	0.0429	0.0020	0.0276	0.0688	0.0093	0.0018	0.0015	0.2964	0.2717
241	2012	EXT	WB	NT	Mainline	5.23	6.21	106.06	37.16	15280	14780	1.2120	1.1135	0.1632	0.0077	0.1068	0.2648	0.0352	0.0068	0.0057	1.1511	1.0578
242	2012	EXT	WB	NT	Mainline	0.36	0.43	7.29	2.48	1038	1004	0.0801	0.0736	0.0112	0.0005	0.0071	0.0178	0.0024	0.0005	0.0004	0.0759	0.0694
243	2012	EXT	WB	NT	Mainline	4.56	5.41	92.64	32.30	13324	12887	1.0508	0.9655	0.1424	0.0067	0.0928	0.2304	0.0308	0.0060	0.0049	0.9976	0.9173
244	2012	EXT	WB	NT	Mainline	0.68	0.80	13.80	4.74	1975	1909	0.1531	0.1407	0.0212	0.0010	0.0136	0.0339	0.0046	0.0009	0.0007	0.1452	0.1337
245	2012	EXT	WB	NT	Mainline	4.37	5.19	88.85	31.07	12792	12374	1.0112	0.9291	0.1366	0.0064	0.0893	0.2214	0.0295	0.0057	0.0047	0.9602	0.8833
246	2012	EXT	WB	NT	Mainline	3.29	3.90	66.78	23.42	9626	9312	0.7624	0.7005	0.1026	0.0048	0.0673	0.1668	0.0222	0.0043	0.0036	0.7241	0.6671
247	2012	EXT	WB	NT	Mainline	4.41	5.23	88.76	32.62	13018	12601	1.0844	0.9964	0.1372	0.0064	0.0940	0.2306	0.0294	0.0058	0.0051	1.0337	0.9503
248	2012	EXT	WB	NT	Mainline	1.34	1.60	27.19	9.78	3955	3827	0.3215	0.2954	0.0419	0.0020	0.0281	0.0693	0.0090	0.0018	0.0015	0.3059	0.2818
249	2012	EXT	WB	NT	Mainline	4.33	5.13	86.36	32.59	12787	12383	1.1048	1.0152	0.1343	0.0062	0.0943	0.2300	0.0287	0.0057	0.0051	1.0556	0.9620
250	2012	EXT	WB	NT	Mainline	6.80	8.07	137.12	50.07	20064	19420	1.6565	1.5220	0.2116	0.0099	0.1442	0.3542	0.0454	0.0089	0.0077	1.5782	1.4539
251	2012	EXT	WB	NT	Mainline	5.31	6.30	105.72	41.05	15836	15343	1.3945	1.2815	0.1643	0.0075	0.1187	0.2878	0.0350	0.0070	0.0065	1.3346	1.2260
252	2012	EXT	WB	NT	Mainline	4.17	4.94	83.53	31.50	12372	11981	1.0555	0.9699	0.1293	0.0060	0.0909	0.2217	0.0277	0.0055	0.0049	1.0080	0.9283
253	2012	EXT	WB	NT	Mainline																	
254	2012	EXT	WB	NT	Mainline																	
255	2012	EXT	WB	NT	Mainline	5.03	5.96	99.34	40.22	15129	14667	1.3871	1.2748	0.1551	0.0071	0.1165	0.2802	0.0329	0.0066	0.0064	1.3312	1.2225
256	2012	EXT	WB	NT	Mainline	3.16	3.75	62.99	24.04	9370	9076	0.8154	0.7493	0.0979	0.0045	0.0695	0.1692	0.0209	0.0042	0.0038	0.7796	0.7131
257	2012	EXT	WB	NT	Mainline	4.03	4.78	79.89	31.78	12083	11711	1.0886	1.0004	0.1245	0.0057	0.0920	0.2220	0.0264	0.0053	0.0050	1.0435	0.9590
258	2012	EXT	WB	NT	Mainline	3.48	4.13	69.51	26.41	10320	9995	0.8957	0.8230	0.1081	0.0050	0.0764	0.1861	0.0231	0.0046	0.0042	0.8562	0.7818
259	2012	EXT	WB	NT	Mainline																	
260	2012	EXT	WB	NT	Mainline																	
261	2012	EXT	WB	NT	Mainline	4.19	4.97	82.96	32.82	12511	12124	1.1317	1.0400	0.1296	0.0059	0.0951	0.2299	0.0276	0.0055	0.0052	1.0848	0.9888
262	2012	EXT	WB	NT	Mainline	11.21	13.29	222.40	87.25	33436	32400	2.9908	2.7485	0.3467	0.0159	0.2527	0.6115	0.0738	0.0148	0.0138	2.8650	2.6187
263	2012	EXT	WB	NT	Mainline	5.62	6.66	110.74	44.77	16846	16332	1.5533	1.4275	0.1733	0.0079	0.1299	0.3125	0.0367	0.0074	0.0072	1.4909	1.3608
264	2012	EXT	WB	NT	Mainline	2.22	2.64	43.85	18.22	6754	6551	0.6276	0.5768	0.0684	0.0031	0.0528	0.1262	0.0144	0.0029	0.0029	0.6030	0.5592
265	2012	EXT	WB	NT	Mainline	1.16	1.37	22.78	9.48	3508	3402	0.3296	0.3029	0.0357	0.0016	0.0275	0.0657	0.0075	0.0015	0.0015	0.3169	0.2911
266	2012	EXT	WB	NT	Mainline	7.29	8.63	140.74	63.77	22464	21817	2.2748	2.0909	0.2223	0.0098	0.1857	0.4371	0.0463	0.0097	0.0104	2.1970	2.0221
267	2012	EXT	WB	NT	Mainline	1.24	1.47	24.01	10.83	3824	3713	0.3857	0.3545	0.0379	0.0017	0.0315	0.0742	0.0079	0.0016	0.0018	0.3724	0.3427
268	2012	EXT	WB	NT	Mainline	0.22	0.26	4.29	1.86	672	653	0.0659	0.0605	0.0068	0.0003	0.0054	0.0129	0.0014	0.0003	0.0003	0.0635	0.0582
269	2012	EXT	WB	NT	Mainline	5.88	6.96	114.21	50.58	18057	17530	1.7869	1.6424	0.1797	0.0080	0.1470	0.3475	0.0376	0.0078	0.0082	1.7236	1.5903
270	2012	EXT	WB	NT	Mainline	2.74	3.25	53.55	23.18	8388	8140	0.8105	0.7449	0.0839	0.0038	0.0673	0.1597	0.0176	0.0036	0.0037	0.7807	0.7226
271	2012	EXT	WB	NT	Mainline	2.99	3.51	51.47	36.22	10164	9941	1.4300	1.3150	0.0866	0.0033	0.1072	0.2365	0.0166	0.0041	0.0063	1.4042	1.2912
272	2012	EXT	WB	NT	Mainline	2.16	2.54	37.37	26.12	7354	7192	1.0292	0.9464	0.0628	0.0024	0.0773	0.1706	0.0121	0.0030	0.0046	1.0104	0.9300
273	2012	EXT	WB	NT	Mainline	2.17	2.55	37.82	25.51	7294	7129	1.0050	0.9241	0.0633	0.0024	0.0754	0.1673	0.0123	0.0030	0.0045	0.9858	0.9016

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
274	2012	EXT	WB	NT	Mainline	2.47	2.91	42.57	29.83	8377	8193	1.1845	1.0892	0.0717	0.0027	0.0883	0.1949	0.0138	0.0034	0.0053	1.1631	1.0627
275	2012	EXT	WB	NT	Mainline	4.30	5.05	72.43	54.47	14792	14483	2.2030	2.0259	0.1237	0.0046	0.1616	0.3539	0.0234	0.0059	0.0097	2.1675	1.9674
276	2012	EXT	WB	NT	Mainline	1.15	1.35	19.66	13.87	3876	3791	0.5561	0.5114	0.0332	0.0013	0.0411	0.0906	0.0064	0.0016	0.0025	0.5463	0.4947
277	2012	EXT	WB	NT	Mainline	2.53	2.97	42.39	32.42	8739	8558	1.3142	1.2086	0.0726	0.0027	0.0962	0.2103	0.0137	0.0035	0.0058	1.2936	1.1744
278	2012	EXT	WB	NT	Mainline	1.39	1.63	23.25	17.77	4799	4700	0.7141	0.6567	0.0398	0.0015	0.0527	0.1152	0.0075	0.0019	0.0032	0.7028	0.6434
279	2012	EXT	WB	NT	Mainline	2.81	3.31	48.37	34.23	9577	9368	1.3563	1.2472	0.0816	0.0031	0.1013	0.2234	0.0156	0.0038	0.0060	1.3322	1.2219
280	2012	EXT	WB	NT	Mainline	3.79	4.45	62.50	50.38	13295	13031	2.0433	1.8791	0.1080	0.0038	0.1497	0.3252	0.0201	0.0052	0.0090	2.0134	1.8419
281	2012	EXT	WB	NT	Mainline	4.85	5.70	81.83	61.49	16739	16388	2.4634	2.2654	0.1395	0.0051	0.1823	0.3993	0.0264	0.0067	0.0109	2.4232	2.2204
282	2012	EXT	WB	NT	Mainline	2.78	3.26	45.33	37.69	9814	9624	1.5361	1.4127	0.0788	0.0028	0.1120	0.2427	0.0145	0.0038	0.0068	1.5146	1.3849
283	2012	EXT	WB	NT	Mainline	2.67	3.13	44.84	34.07	9227	9036	1.3674	1.2575	0.0766	0.0028	0.1010	0.2210	0.0145	0.0037	0.0060	1.3454	1.2325
284	2012	EXT	WB	NT	Mainline	3.52	4.15	62.10	40.47	11775	11503	1.5759	1.4491	0.1032	0.0040	0.1195	0.2661	0.0202	0.0048	0.0070	1.5442	1.4199
285	2012	EXT	WB	NT	Mainline	5.10	6.00	87.48	62.38	17390	17012	2.4749	2.2758	0.1477	0.0056	0.1847	0.4068	0.0283	0.0070	0.0110	2.4312	2.2297
286	2012	EXT	WB	NT	Mainline	2.33	2.74	41.38	26.20	7731	7549	1.0136	0.9320	0.0684	0.0027	0.0773	0.1727	0.0134	0.0032	0.0045	0.9923	0.9131
287	2012	EXT	WB	NT	Mainline	3.92	4.60	66.07	49.81	13538	13256	1.9967	1.8362	0.1127	0.0041	0.1477	0.3233	0.0213	0.0054	0.0088	1.9643	1.7996
288	2012	EXT	WB	NT	Mainline	0.42	0.50	7.40	4.87	1408	1376	0.1912	0.1758	0.0123	0.0005	0.0144	0.0320	0.0024	0.0006	0.0009	0.1874	0.1711
289	2012	EXT	WB	NT	Mainline	4.49	5.28	78.11	53.03	15128	14788	2.0830	1.9155	0.1307	0.0050	0.1568	0.3474	0.0253	0.0061	0.0092	2.0435	1.8766
290	2012	EXT	WB	NT	Ramp	0.07	0.08	1.64	0.23	180	172	0.0026	0.0024	0.0022	0.0001	0.0007	0.0021	0.0005	0.0001	0.0000	0.0015	0.0032
291	2012	EXT	WB	NT	Ramp	0.11	0.13	2.46	0.37	283	271	0.0049	0.0045	0.0036	0.0002	0.0012	0.0037	0.0008	0.0002	0.0000	0.0031	0.0075
292	2012	EXT	WB	NT	Ramp	0.06	0.07	1.48	0.20	160	153	0.0021	0.0019	0.0020	0.0001	0.0005	0.0018	0.0005	0.0001	0.0000	0.0010	0.0022
293	2012	EXT	WB	NT	Ramp	0.40	0.50	7.10	1.06	929	890	0.0176	0.0161	0.0133	0.0007	0.0048	0.0143	0.0030	0.0007	0.0001	0.0104	0.0320
294	2012	EXT	WB	NT	Ramp	0.09	0.11	2.00	0.32	234	224	0.0045	0.0041	0.0029	0.0002	0.0011	0.0032	0.0007	0.0001	0.0000	0.0030	0.0074
295	2012	EXT	WB	NT	Ramp	0.28	0.35	4.83	0.70	640	613	0.0118	0.0108	0.0094	0.0005	0.0034	0.0101	0.0021	0.0005	0.0001	0.0067	0.0231
296	2012	EXT	WB	NT	Ramp	0.07	0.09	1.19	0.23	163	157	0.0045	0.0041	0.0023	0.0001	0.0011	0.0030	0.0005	0.0001	0.0000	0.0033	0.0100
297	2012	EXT	WB	NT	Ramp	1.00	1.23	22.21	3.74	2623	2516	0.0542	0.0495	0.0328	0.0017	0.0129	0.0370	0.0074	0.0015	0.0004	0.0375	0.0923
298	2012	EXT	WB	NT	Ramp	0.01	0.01	0.23	0.04	27	26	0.0005	0.0004	0.0003	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0003	0.0008
299	2012	EXT	WB	NT	Ramp	0.03	0.04	0.77	0.14	90	86	0.0021	0.0019	0.0011	0.0001	0.0005	0.0013	0.0002	0.0000	0.0000	0.0016	0.0035
300	2012	EXT	WB	NT	Ramp	0.64	0.79	14.59	2.22	1679	1609	0.0292	0.0266	0.0212	0.0011	0.0072	0.0219	0.0048	0.0010	0.0002	0.0182	0.0443
301	2012	EXT	WB	NT	Ramp	0.20	0.24	4.02	0.81	506	487	0.0137	0.0125	0.0063	0.0003	0.0031	0.0084	0.0014	0.0003	0.0001	0.0105	0.0271
302	2012	EXT	WB	NT	Ramp	0.02	0.02	0.46	0.08	53	50	0.0011	0.0010	0.0006	0.0000	0.0003	0.0007	0.0001	0.0000	0.0000	0.0008	0.0018
303	2012	EXT	WB	NT	Ramp	0.07	0.08	1.34	0.34	177	171	0.0062	0.0057	0.0021	0.0001	0.0013	0.0033	0.0005	0.0001	0.0000	0.0052	0.0132
304	2012	EXT	WB	NT	Ramp	0.14	0.17	3.27	0.54	374	359	0.0073	0.0067	0.0046	0.0002	0.0017	0.0050	0.0010	0.0002	0.0001	0.0050	0.0114
305	2012	EXT	WB	NT	Ramp	0.09	0.12	1.97	0.42	249	240	0.0072	0.0066	0.0030	0.0001	0.0016	0.0042	0.0007	0.0001	0.0000	0.0057	0.0144
306	2012	EXT	WB	NT	Ramp	0.06	0.07	1.45	0.23	164	157	0.0029	0.0027	0.0020	0.0001	0.0007	0.0021	0.0005	0.0001	0.0000	0.0019	0.0043
307	2012	EXT	WB	NT	Ramp	0.18	0.23	2.96	0.53	410	393	0.0103	0.0094	0.0060	0.0003	0.0030	0.0080	0.0013	0.0003	0.0001	0.0071	0.0263
308	2012	EXT	WB	NT	Ramp	0.13	0.16	2.70	0.46	328	314	0.0070	0.0064	0.0042	0.0002	0.0017	0.0048	0.0009	0.0002	0.0000	0.0048	0.0124
309	2012	EXT	WB	NT	Ramp	0.13	0.17	2.06	0.50	302	291	0.0105	0.0096	0.0043	0.0002	0.0028	0.0071	0.0009	0.0002	0.0001	0.0084	0.0291
310	2012	EXT	WB	NT	Ramp	0.48	0.58	10.71	3.44	1471	1422	0.0767	0.0705	0.0150	0.0007	0.0104	0.0254	0.0032	0.0006	0.0004	0.0705	0.1059
311	2012	EXT	WB	NT	Ramp	0.26	0.33	4.46	0.77	604	579	0.0141	0.0129	0.0087	0.0004	0.0039	0.0107	0.0019	0.0004	0.0001	0.0094	0.0314
312	2012	EXT	WB	NT	Ramp	0.05	0.06	0.98	0.19	125	120	0.0032	0.0029	0.0016	0.0001	0.0008	0.0021	0.0004	0.0001	0.0000	0.0023	0.0063
313	2012	EXT	WB	NT	Ramp	0.49	0.60	11.08	2.35	1348	1296	0.0386	0.0354	0.0157	0.0008	0.0079	0.0211	0.0035	0.0007	0.0002	0.0311	0.0694
314	2012	EXT	WB	NT	Ramp	0.05	0.06	1.08	0.18	127	122	0.0026	0.0023	0.0016	0.0001	0.0006	0.0018	0.0004	0.0001	0.0000	0.0017	0.0043
315	2012	EXT	WB	NT	Ramp	0.22	0.27	3.69	0.69	506	486	0.0131	0.0120	0.0072	0.0004	0.0035	0.0094	0.0016	0.0003	0.0001	0.0093	0.0302
316	2012	EXT	WB	NT	Ramp	0.07	0.09	1.56	0.25	185	177	0.0036	0.0033	0.0023	0.0001	0.0009	0.0026	0.0005	0.0001	0.0000	0.0024	0.0061
317	2012	EXT	WB	NT	Ramp	0.19	0.23	3.06	0.66	432	415	0.0133	0.0122	0.0060	0.0003	0.0034	0.0088	0.0013	0.0003	0.0001	0.0102	0.0321
318	2012	EXT	WB	NT	Ramp	0.06	0.07	1.33	0.20	155	148	0.0028	0.0025	0.0020	0.0001	0.0007	0.0021	0.0004	0.0001	0.0000	0.0017	0.0043
319	2012	EXT	WB	NT	Ramp	0.25	0.31	3.64	1.21	580	561	0.0275	0.0252	0.0078	0.0003	0.0069	0.0161	0.0016	0.0003	0.0001	0.0240	0.0778
320	2012	EXT	WB	NT	Ramp	0.10	0.12	2.21	0.31	255	244	0.0039	0.0035	0.0033	0.0002	0.0010	0.0032	0.0008	0.0002	0.0000	0.0021	0.0052
321	2012	EXT	WB	NT	Ramp	0.31	0.38	4.92	1.11	704	678	0.0227	0.0208	0.0099	0.0005	0.0060	0.0152	0.0021	0.0005	0.0001	0.0178	0.0585

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
322	2012	EXT	WB	NT	Ramp	0.09	0.11	1.78	0.31	219	210	0.0049	0.0045	0.0028	0.0001	0.0012	0.0033	0.0006	0.0001	0.0000	0.0035	0.0091
323	2012	EXT	WB	NT	Ramp	0.27	0.33	5.43	1.29	709	683	0.0232	0.0213	0.0086	0.0004	0.0050	0.0129	0.0019	0.0004	0.0001	0.0191	0.0484
324	2012	EXT	WB	NT	Ramp	0.11	0.13	2.28	0.36	273	262	0.0052	0.0047	0.0035	0.0002	0.0013	0.0038	0.0008	0.0002	0.0000	0.0033	0.0085
325	2012	EXT	WB	NT	Ramp	0.52	0.65	8.06	1.94	1177	1134	0.0407	0.0373	0.0166	0.0008	0.0111	0.0274	0.0036	0.0008	0.0002	0.0325	0.1126
326	2012	EXT	WB	NT	Ramp																	
327	2012	EXT	WB	NT	Ramp																	
328	2012	EXT	WB	NT	Ramp	0.09	0.11	1.94	0.28	222	212	0.0034	0.0031	0.0028	0.0001	0.0009	0.0028	0.0006	0.0001	0.0000	0.0019	0.0047
329	2012	EXT	WB	NT	Ramp	0.32	0.40	5.45	1.01	740	711	0.0188	0.0172	0.0104	0.0005	0.0048	0.0132	0.0023	0.0005	0.0001	0.0134	0.0407
330	2012	EXT	WB	NT	Ramp	0.07	0.09	1.49	0.30	188	181	0.0051	0.0047	0.0024	0.0001	0.0012	0.0031	0.0005	0.0001	0.0000	0.0040	0.0102
331	2012	EXT	WB	NT	Ramp	0.26	0.32	5.36	1.24	694	669	0.0221	0.0202	0.0084	0.0004	0.0048	0.0124	0.0018	0.0004	0.0001	0.0180	0.0457
332	2012	EXT	WB	NT	Ramp																	
333	2012	EXT	WB	NT	Ramp																	
334	2012	EXT	WB	NT	Ramp	0.10	0.12	2.05	0.48	260	250	0.0083	0.0076	0.0030	0.0001	0.0017	0.0044	0.0007	0.0001	0.0000	0.0069	0.0162
335	2012	EXT	WB	NT	Ramp	0.43	0.53	7.62	2.71	1152	1116	0.0567	0.0520	0.0132	0.0006	0.0117	0.0274	0.0027	0.0006	0.0003	0.0510	0.1317
336	2012	EXT	WB	NT	Ramp	0.30	0.36	6.33	1.52	808	778	0.0269	0.0247	0.0094	0.0004	0.0055	0.0140	0.0020	0.0004	0.0002	0.0226	0.0525
337	2012	EXT	WB	NT	Ramp	0.10	0.12	1.57	0.94	295	289	0.0218	0.0200	0.0029	0.0001	0.0039	0.0084	0.0005	0.0001	0.0001	0.0208	0.0475
338	2012	EXT	WB	NT	Ramp	0.05	0.05	0.49	0.36	108	106	0.0090	0.0083	0.0013	0.0000	0.0020	0.0043	0.0002	0.0000	0.0000	0.0086	0.0254
339	2012	EXT	WB	NT	Ramp	0.39	0.46	8.74	2.63	1172	1132	0.0587	0.0539	0.0121	0.0006	0.0077	0.0192	0.0026	0.0005	0.0003	0.0536	0.0753
340	2012	EXT	WB	NT	Ramp	1.59	1.91	28.47	12.56	4595	4467	0.2749	0.2526	0.0474	0.0019	0.0502	0.1135	0.0094	0.0019	0.0013	0.2565	0.5887
341	2012	EXT	WB	NT	Ramp	1.39	1.68	26.98	8.76	3849	3724	0.1762	0.1618	0.0429	0.0019	0.0345	0.0820	0.0089	0.0018	0.0009	0.1577	0.3759
342	2012	EXT	WB	NT	Ramp	0.11	0.13	2.06	0.59	284	274	0.0114	0.0104	0.0033	0.0002	0.0024	0.0058	0.0007	0.0001	0.0001	0.0098	0.0248
343	2012	EXT	WB	NT	Ramp	0.34	0.42	4.68	1.40	732	707	0.0317	0.0291	0.0106	0.0005	0.0093	0.0218	0.0022	0.0005	0.0002	0.0269	0.1050
344	2012	EXT	WB	NT	Ramp	0.13	0.16	2.59	0.64	342	330	0.0117	0.0107	0.0041	0.0002	0.0025	0.0064	0.0009	0.0002	0.0001	0.0098	0.0247
345	2012	EXT	WB	NT	Ramp	0.05	0.06	0.58	0.29	107	105	0.0071	0.0066	0.0014	0.0001	0.0017	0.0038	0.0003	0.0001	0.0000	0.0066	0.0209
346	2012	EXT	WB	NT	Ramp	0.16	0.20	2.44	0.70	372	359	0.0153	0.0141	0.0051	0.0002	0.0040	0.0096	0.0011	0.0002	0.0001	0.0129	0.0437
347	2012	EXT	WB	NT	Ramp	0.51	0.63	9.04	1.16	1163	1112	0.0178	0.0162	0.0170	0.0009	0.0051	0.0162	0.0039	0.0008	0.0002	0.0083	0.0261
348	2012	EXT	WB	NT	Ramp	0.61	0.73	11.66	4.35	1741	1688	0.0913	0.0838	0.0184	0.0008	0.0167	0.0388	0.0038	0.0008	0.0005	0.0837	0.1884
349	2012	EXT	WB	NT	Ramp	0.13	0.15	2.35	0.77	342	331	0.0157	0.0144	0.0039	0.0002	0.0032	0.0076	0.0008	0.0002	0.0001	0.0140	0.0354
350	2012	EXT	WB	NT	Ramp	0.15	0.18	3.33	0.65	399	383	0.0103	0.0094	0.0048	0.0002	0.0022	0.0060	0.0011	0.0002	0.0001	0.0080	0.0182
351	2012	EXT	WB	NT	Ramp	0.14	0.17	1.81	0.84	325	316	0.0202	0.0185	0.0042	0.0002	0.0050	0.0112	0.0008	0.0002	0.0001	0.0185	0.0605
352	2012	EXT	WB	NT	Ramp	0.17	0.22	2.91	0.53	397	381	0.0099	0.0091	0.0056	0.0003	0.0027	0.0072	0.0012	0.0003	0.0001	0.0069	0.0225
353	2012	EXT	WB	NT	Ramp	0.06	0.07	1.28	0.19	152	145	0.0026	0.0024	0.0020	0.0001	0.0007	0.0020	0.0004	0.0001	0.0000	0.0016	0.0040
354	2012	EXT	WB	NT	Ramp	0.09	0.11	1.45	0.29	201	193	0.0056	0.0051	0.0028	0.0001	0.0015	0.0039	0.0006	0.0001	0.0000	0.0041	0.0132
355	2012	EXT	WB	NT	Ramp	0.10	0.13	2.11	0.43	266	256	0.0073	0.0067	0.0033	0.0002	0.0017	0.0044	0.0007	0.0002	0.0000	0.0057	0.0146
356	2012	EXT	WB	NT	Ramp	0.20	0.25	3.47	0.60	467	448	0.0109	0.0099	0.0067	0.0003	0.0029	0.0082	0.0015	0.0003	0.0001	0.0073	0.0236
357	2012	EXT	WB	NT	Ramp	0.69	0.86	11.40	1.78	1540	1476	0.0320	0.0292	0.0227	0.0011	0.0094	0.0266	0.0051	0.0011	0.0002	0.0197	0.0719
358	2012	EXT	WB	NT	Ramp	0.12	0.14	2.33	0.48	297	286	0.0083	0.0076	0.0037	0.0002	0.0019	0.0050	0.0008	0.0002	0.0001	0.0064	0.0167
359	2012	EXT	WB	NT	Ramp	0.32	0.40	5.31	0.92	727	697	0.0172	0.0157	0.0106	0.0005	0.0049	0.0135	0.0023	0.0005	0.0001	0.0116	0.0414
360	2012	EXT	WB	NT	Ramp	0.09	0.11	1.84	0.39	235	226	0.0067	0.0062	0.0029	0.0001	0.0015	0.0040	0.0006	0.0001	0.0000	0.0053	0.0136
361	2012	EXT	WB	NT	Ramp	0.20	0.25	3.33	0.58	457	438	0.0110	0.0100	0.0067	0.0003	0.0032	0.0086	0.0015	0.0003	0.0001	0.0074	0.0270
362	2012	EXT	WB	NT	Ramp	0.08	0.09	1.48	0.40	202	195	0.0077	0.0071	0.0024	0.0001	0.0016	0.0040	0.0005	0.0001	0.0000	0.0066	0.0168
363	2012	EXT	WB	NT	Ramp	0.35	0.44	5.93	0.97	797	764	0.0175	0.0160	0.0115	0.0006	0.0049	0.0137	0.0026	0.0006	0.0001	0.0113	0.0378
364	2012	EXT	WB	NT	HOV																	
365	2012	EXT	WB	NT	HOV																	
366	2012	EXT	WB	NT	HOV																	
367	2012	EXT	WB	NT	HOV																	
368	2012	EXT	WB	NT	HOV																	
369	2012	EXT	WB	NT	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
370	2012	EXT	WB	NT	HOV																	
371	2012	EXT	WB	NT	HOV																	
372	2012	EXT	WB	NT	HOV																	
373	2012	EXT	WB	NT	HOV																	
374	2012	EXT	WB	NT	HOV																	
375	2012	EXT	WB	NT	HOV																	
376	2012	EXT	WB	NT	HOV																	
377	2012	EXT	WB	NT	HOV																	
378	2012	EXT	WB	NT	HOV																	
379	2012	EXT	WB	NT	HOV																	
380	2012	EXT	WB	NT	HOV																	
381	2012	EXT	WB	NT	HOV																	
382	2012	EXT	WB	NT	HOV																	
383	2012	EXT	WB	NT	HOV																	
384	2012	EXT	WB	NT	HOV																	
385	2012	EXT	WB	NT	HOV																	
386	2012	EXT	WB	NT	HOV																	
387	2012	EXT	WB	NT	HOV																	
388	2012	EXT	WB	NT	HOV																	
389	2012	EXT	WB	NT	HOV																	
390	2012	EXT	WB	NT	HOV																	
391	2012	EXT	WB	NT	HOV																	
392	2012	EXT	WB	NT	HOV																	
393	2012	EXT	WB	NT	HOV																	
394	2012	EXT	WB	NT	HOV																	
395	2012	EXT	WB	NT	HOV																	
396	2012	EXT	WB	NT	HOV																	
397	2012	EXT	WB	NT	HOV																	
398	2012	EXT	WB	NT	HOV																	
399	2012	EXT	WB	NT	HOV																	
400	2012	EXT	WB	NT	HOV																	
401	2012	EXT	WB	NT	HOV																	
402	2012	EXT	WB	NT	HOV																	
403	2012	EXT	WB	NT	HOV																	
404	2012	EXT	WB	NT	HOV																	
405	2012	EXT	WB	NT	HOV																	
406	2012	EXT	WB	NT	HOV																	
407	2012	EXT	WB	NT	HOV																	
408	2012	EXT	WB	NT	HOV																	
409	2012	EXT	WB	NT	HOV																	
410	2012	EXT	WB	NT	HOV																	
411	2012	EXT	WB	NT	HOV																	
412	2012	EXT	WB	NT	HOV																	
413	2012	EXT	WB	NT	HOV																	
414	2012	EXT	WB	NT	HOV																	
415	2012	EXT	WB	NT	HOV																	
416	2012	EXT	WB	NT	HOV																	
417	2012	EXT	WB	NT	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
418	2012	EXT	WB	NT	HOV																	
419	2012	EXT	WB	NT	HOV	1.04	1.25	26.71	3.38	2813	2686	0.0201	0.0181	0.0344	0.0019	0.0073	0.0271	0.0080	0.0014	0.0002	0.0039	0.0055
420	2012	EXT	WB	NT	HOV	0.73	0.88	18.75	2.37	1975	1886	0.0141	0.0127	0.0241	0.0013	0.0052	0.0190	0.0056	0.0010	0.0002	0.0028	0.0038
421	2012	EXT	WB	NT	HOV	0.70	0.85	18.05	2.28	1898	1813	0.0136	0.0122	0.0232	0.0012	0.0050	0.0183	0.0054	0.0010	0.0001	0.0027	0.0037
422	2012	EXT	WB	NT	HOV	0.60	0.72	14.18	1.76	1549	1479	0.0110	0.0099	0.0198	0.0011	0.0043	0.0156	0.0046	0.0008	0.0001	0.0022	0.0028
423	2012	EXT	WB	NT	HOV	1.15	1.38	27.34	3.39	2986	2851	0.0211	0.0190	0.0382	0.0021	0.0082	0.0301	0.0089	0.0015	0.0002	0.0043	0.0054
424	2012	EXT	WB	NT	HOV	0.28	0.34	6.69	0.83	730	697	0.0052	0.0047	0.0093	0.0005	0.0020	0.0074	0.0022	0.0004	0.0001	0.0011	0.0013
425	2012	EXT	WB	NT	HOV	0.66	0.80	15.80	1.96	1726	1648	0.0122	0.0110	0.0221	0.0012	0.0047	0.0174	0.0052	0.0009	0.0001	0.0025	0.0031
426	2012	EXT	WB	NT	HOV	0.34	0.41	8.37	1.05	906	865	0.0064	0.0058	0.0114	0.0006	0.0024	0.0090	0.0027	0.0005	0.0001	0.0013	0.0017
427	2012	EXT	WB	NT	HOV	0.65	0.79	16.00	2.01	1732	1654	0.0123	0.0110	0.0217	0.0012	0.0047	0.0171	0.0051	0.0009	0.0001	0.0025	0.0032
428	2012	EXT	WB	NT	HOV	0.96	1.16	23.51	2.96	2545	2430	0.0180	0.0162	0.0319	0.0017	0.0069	0.0252	0.0075	0.0013	0.0002	0.0037	0.0047
429	2012	EXT	WB	NT	HOV	1.17	1.40	28.47	3.58	3083	2944	0.0218	0.0197	0.0387	0.0021	0.0083	0.0305	0.0090	0.0015	0.0002	0.0044	0.0057
430	2012	EXT	WB	NT	HOV	0.75	0.90	18.41	2.32	1990	1900	0.0141	0.0127	0.0249	0.0013	0.0054	0.0196	0.0058	0.0010	0.0002	0.0029	0.0037
431	2012	EXT	WB	NT	HOV	0.68	0.82	16.60	2.09	1794	1713	0.0127	0.0114	0.0225	0.0012	0.0048	0.0177	0.0052	0.0009	0.0001	0.0026	0.0034
432	2012	EXT	WB	NT	HOV	0.80	0.96	19.55	2.46	2113	2017	0.0150	0.0135	0.0264	0.0014	0.0057	0.0209	0.0062	0.0011	0.0002	0.0030	0.0039
433	2012	EXT	WB	NT	HOV	1.25	1.51	30.68	3.87	3315	3165	0.0235	0.0212	0.0415	0.0022	0.0089	0.0327	0.0097	0.0017	0.0003	0.0048	0.0062
434	2012	EXT	WB	NT	HOV	0.52	0.62	12.68	1.60	1371	1309	0.0097	0.0087	0.0172	0.0009	0.0037	0.0135	0.0040	0.0007	0.0001	0.0020	0.0026
435	2012	EXT	WB	NT	HOV	1.18	1.43	29.57	3.76	3166	3024	0.0225	0.0202	0.0392	0.0021	0.0084	0.0309	0.0092	0.0016	0.0002	0.0045	0.0060
436	2012	EXT	WB	NT	HOV	0.11	0.14	2.83	0.36	303	290	0.0022	0.0019	0.0038	0.0002	0.0008	0.0030	0.0009	0.0002	0.0000	0.0004	0.0006
437	2012	EXT	WB	NT	HOV	1.26	1.52	31.46	4.00	3368	3216	0.0239	0.0215	0.0417	0.0022	0.0089	0.0329	0.0097	0.0017	0.0003	0.0048	0.0064
1	2025	ALT1	EB	AM	Mainline	0.60	0.76	14.85	3.04	5140	3725	0.0652	0.0601	0.0181	0.0009	0.0102	0.0264	0.0039	0.0014	0.0004	0.0497	0.0996
2	2025	ALT1	EB	AM	Mainline	1.53	1.94	36.36	7.64	12890	9356	0.1719	0.1585	0.0461	0.0022	0.0256	0.0666	0.0099	0.0035	0.0010	0.1336	0.2486
3	2025	ALT1	EB	AM	Mainline	0.07	0.09	1.72	0.36	615	444	0.0081	0.0075	0.0023	0.0001	0.0012	0.0031	0.0005	0.0002	0.0000	0.0063	0.0108
4	2025	ALT1	EB	AM	Mainline	1.28	1.62	30.19	6.40	10772	7825	0.1461	0.1346	0.0386	0.0018	0.0215	0.0560	0.0083	0.0030	0.0009	0.1142	0.2096
5	2025	ALT1	EB	AM	Mainline	0.53	0.67	12.12	2.52	4350	3146	0.0580	0.0534	0.0160	0.0008	0.0082	0.0219	0.0035	0.0012	0.0004	0.0449	0.0768
6	2025	ALT1	EB	AM	Mainline	0.77	0.98	17.93	3.83	6451	4688	0.0889	0.0819	0.0233	0.0011	0.0129	0.0336	0.0050	0.0018	0.0005	0.0699	0.1249
7	2025	ALT1	EB	AM	Mainline	1.12	1.42	27.67	5.68	9585	6949	0.1219	0.1124	0.0337	0.0016	0.0190	0.0493	0.0073	0.0027	0.0008	0.0931	0.1864
8	2025	ALT1	EB	AM	Mainline	1.44	1.82	33.72	7.19	12073	8775	0.1652	0.1523	0.0433	0.0021	0.0242	0.0629	0.0093	0.0033	0.0010	0.1296	0.2360
9	2025	ALT1	EB	AM	Mainline	1.19	1.51	29.09	5.99	10128	7342	0.1299	0.1197	0.0358	0.0017	0.0200	0.0520	0.0077	0.0028	0.0008	0.0995	0.1953
10	2025	ALT1	EB	AM	Mainline	0.37	0.47	8.64	1.85	3118	2266	0.0433	0.0399	0.0113	0.0005	0.0062	0.0163	0.0024	0.0009	0.0003	0.0341	0.0605
11	2025	ALT1	EB	AM	Mainline	0.77	0.98	19.06	3.84	6559	4744	0.0813	0.0750	0.0232	0.0011	0.0127	0.0332	0.0050	0.0018	0.0005	0.0614	0.1227
12	2025	ALT1	EB	AM	Mainline	0.55	0.70	13.19	2.68	4614	3334	0.0585	0.0539	0.0167	0.0008	0.0087	0.0231	0.0036	0.0013	0.0004	0.0445	0.0827
13	2025	ALT1	EB	AM	Mainline	0.54	0.69	12.13	2.38	4321	3099	0.0533	0.0491	0.0165	0.0008	0.0075	0.0207	0.0036	0.0012	0.0003	0.0399	0.0644
14	2025	ALT1	EB	AM	Mainline	0.83	1.05	18.89	3.78	6715	4831	0.0847	0.0781	0.0251	0.0012	0.0120	0.0327	0.0055	0.0019	0.0005	0.0642	0.1077
15	2025	ALT1	EB	AM	Mainline	1.01	1.28	24.46	4.81	8434	6071	0.1017	0.0937	0.0305	0.0015	0.0154	0.0412	0.0066	0.0024	0.0006	0.0757	0.1427
16	2025	ALT1	EB	AM	Mainline	0.58	0.73	13.96	2.77	4833	3483	0.0591	0.0545	0.0175	0.0008	0.0089	0.0238	0.0038	0.0014	0.0004	0.0443	0.0834
17	2025	ALT1	EB	AM	Mainline	0.92	1.17	22.79	4.59	7837	5668	0.0971	0.0895	0.0277	0.0013	0.0152	0.0396	0.0060	0.0022	0.0006	0.0733	0.1469
18	2025	ALT1	EB	AM	Mainline	0.83	1.06	21.11	3.95	7042	5047	0.0778	0.0717	0.0252	0.0012	0.0124	0.0333	0.0055	0.0020	0.0005	0.0556	0.1130
19	2025	ALT1	EB	AM	Mainline	0.66	0.83	15.54	2.96	5365	3842	0.0622	0.0574	0.0199	0.0010	0.0092	0.0253	0.0044	0.0015	0.0004	0.0454	0.0807
20	2025	ALT1	EB	AM	Mainline	1.33	1.69	31.66	6.15	10966	7874	0.1306	0.1205	0.0404	0.0020	0.0194	0.0527	0.0088	0.0031	0.0008	0.0967	0.1746
21	2025	ALT1	EB	AM	Mainline	0.15	0.18	3.34	0.66	1181	848	0.0146	0.0134	0.0044	0.0002	0.0021	0.0057	0.0010	0.0003	0.0001	0.0109	0.0184
22	2025	ALT1	EB	AM	Mainline	0.56	0.71	13.00	2.40	4498	3204	0.0498	0.0459	0.0172	0.0009	0.0072	0.0205	0.0038	0.0013	0.0003	0.0355	0.0595
23	2025	ALT1	EB	AM	Mainline	0.57	0.72	13.13	2.44	4545	3241	0.0509	0.0469	0.0173	0.0009	0.0074	0.0208	0.0038	0.0013	0.0003	0.0365	0.0617
24	2025	ALT1	EB	AM	Mainline	0.51	0.65	11.71	2.13	4058	2884	0.0440	0.0405	0.0157	0.0008	0.0064	0.0182	0.0035	0.0012	0.0003	0.0309	0.0504
25	2025	ALT1	EB	AM	Mainline	0.33	0.42	7.77	1.40	2654	1887	0.0282	0.0260	0.0101	0.0005	0.0042	0.0119	0.0022	0.0008	0.0002	0.0197	0.0338
26	2025	ALT1	EB	AM	Mainline	2.93	3.71	66.39	11.84	22932	16254	0.2398	0.2212	0.0898	0.0045	0.0348	0.1013	0.0200	0.0068	0.0016	0.1655	0.2669
27	2025	ALT1	EB	AM	Mainline	2.30	2.90	50.00	8.99	17543	12435	0.1879	0.1733	0.0704	0.0036	0.0268	0.0784	0.0157	0.0052	0.0013	0.1308	0.2014
28	2025	ALT1	EB	AM	Mainline	1.27	1.61	28.08	4.96	9767	6912	0.1012	0.0933	0.0391	0.0020	0.0146	0.0430	0.0087	0.0029	0.0007	0.0693	0.1080

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
29	2025	ALT1	EB	AM	Mainline	0.88	1.11	19.10	3.33	6646	4694	0.0673	0.0620	0.0269	0.0014	0.0097	0.0290	0.0060	0.0020	0.0005	0.0454	0.0697
30	2025	ALT1	EB	AM	Mainline	1.50	1.89	32.50	5.65	11322	7993	0.1141	0.1053	0.0460	0.0023	0.0165	0.0494	0.0103	0.0034	0.0008	0.0768	0.1170
31	2025	ALT1	EB	AM	Mainline	1.12	1.41	24.46	4.22	8475	5979	0.0841	0.0776	0.0343	0.0018	0.0123	0.0367	0.0077	0.0025	0.0006	0.0561	0.0864
32	2025	ALT1	EB	AM	Mainline	1.20	1.52	27.10	4.71	9311	6579	0.0930	0.0858	0.0369	0.0019	0.0136	0.0403	0.0082	0.0028	0.0006	0.0625	0.0998
33	2025	ALT1	EB	AM	Mainline	1.11	1.41	25.75	4.41	8724	6154	0.0839	0.0774	0.0341	0.0017	0.0125	0.0370	0.0076	0.0026	0.0006	0.0552	0.0910
34	2025	ALT1	EB	AM	Mainline	1.26	1.60	29.54	5.10	9989	7058	0.0978	0.0902	0.0387	0.0020	0.0146	0.0428	0.0086	0.0030	0.0007	0.0650	0.1093
35	2025	ALT1	EB	AM	Mainline	0.72	0.91	16.58	2.79	5601	3942	0.0521	0.0481	0.0221	0.0011	0.0078	0.0234	0.0049	0.0017	0.0004	0.0335	0.0547
36	2025	ALT1	EB	AM	Mainline	0.86	1.09	19.86	3.34	6710	4723	0.0625	0.0576	0.0264	0.0013	0.0093	0.0281	0.0059	0.0020	0.0004	0.0402	0.0656
37	2025	ALT1	EB	AM	Mainline	1.16	1.47	26.75	4.50	9038	6362	0.0841	0.0776	0.0356	0.0018	0.0126	0.0378	0.0080	0.0027	0.0006	0.0541	0.0883
38	2025	ALT1	EB	AM	Mainline	1.70	2.16	40.23	6.73	13442	9462	0.1234	0.1138	0.0523	0.0027	0.0187	0.0560	0.0117	0.0040	0.0009	0.0787	0.1333
39	2025	ALT1	EB	AM	Mainline	1.84	2.33	42.45	7.00	14269	10020	0.1277	0.1178	0.0566	0.0029	0.0193	0.0587	0.0127	0.0043	0.0009	0.0799	0.1301
40	2025	ALT1	EB	AM	Mainline	1.24	1.57	27.86	4.63	9483	6662	0.0867	0.0800	0.0383	0.0020	0.0130	0.0396	0.0086	0.0029	0.0006	0.0550	0.0866
41	2025	ALT1	EB	AM	Mainline	0.46	0.59	10.66	1.75	3581	2513	0.0318	0.0294	0.0142	0.0007	0.0048	0.0147	0.0032	0.0011	0.0002	0.0198	0.0323
42	2025	ALT1	EB	AM	Mainline	1.35	1.72	32.19	5.32	10677	7505	0.0952	0.0879	0.0415	0.0021	0.0146	0.0439	0.0093	0.0032	0.0007	0.0595	0.1021
43	2025	ALT1	EB	AM	Mainline	0.60	0.76	13.71	2.25	4607	3232	0.0407	0.0375	0.0183	0.0009	0.0062	0.0189	0.0041	0.0014	0.0003	0.0252	0.0408
44	2025	ALT1	EB	AM	Mainline	0.88	1.12	21.34	3.49	6996	4913	0.0608	0.0561	0.0270	0.0014	0.0094	0.0285	0.0060	0.0021	0.0004	0.0373	0.0661
45	2025	ALT1	EB	AM	Mainline	0.42	0.53	9.68	1.58	3239	2272	0.0283	0.0261	0.0128	0.0007	0.0043	0.0132	0.0029	0.0010	0.0002	0.0174	0.0284
46	2025	ALT1	EB	AM	Mainline	1.10	1.40	26.44	4.31	8707	6111	0.0754	0.0696	0.0338	0.0017	0.0117	0.0354	0.0076	0.0026	0.0006	0.0462	0.0801
47	2025	ALT1	EB	AM	Mainline	0.06	0.08	1.47	0.24	493	345	0.0043	0.0040	0.0020	0.0001	0.0007	0.0020	0.0004	0.0001	0.0000	0.0026	0.0042
48	2025	ALT1	EB	AM	Mainline	1.32	1.67	29.93	4.89	10102	7084	0.0889	0.0821	0.0407	0.0021	0.0135	0.0415	0.0091	0.0031	0.0006	0.0549	0.0874
49	2025	ALT1	EB	AM	Mainline	0.10	0.13	2.46	0.40	819	574	0.0071	0.0065	0.0032	0.0002	0.0011	0.0033	0.0007	0.0002	0.0001	0.0043	0.0071
50	2025	ALT1	EB	AM	Mainline	1.65	2.10	38.73	6.29	12887	9036	0.1114	0.1028	0.0508	0.0026	0.0170	0.0522	0.0114	0.0039	0.0008	0.0680	0.1128
51	2025	ALT1	EB	AM	Mainline	0.27	0.34	6.47	1.06	2123	1492	0.0185	0.0171	0.0082	0.0004	0.0029	0.0087	0.0018	0.0006	0.0001	0.0114	0.0201
52	2025	ALT1	EB	AM	Mainline	0.38	0.49	9.51	1.56	3092	2173	0.0268	0.0248	0.0118	0.0006	0.0042	0.0126	0.0026	0.0009	0.0002	0.0165	0.0302
53	2025	ALT1	EB	AM	Mainline	0.28	0.36	7.14	1.19	2303	1623	0.0206	0.0190	0.0086	0.0004	0.0033	0.0096	0.0019	0.0007	0.0001	0.0129	0.0249
54	2025	ALT1	EB	AM	Mainline	1.42	1.82	38.41	6.28	12056	8510	0.1057	0.0976	0.0435	0.0022	0.0176	0.0505	0.0096	0.0036	0.0008	0.0654	0.1422
55	2025	ALT1	EB	AM	Mainline	0.71	0.91	17.71	2.96	5787	4079	0.0525	0.0485	0.0219	0.0011	0.0082	0.0241	0.0049	0.0017	0.0004	0.0333	0.0615
56	2025	ALT1	EB	AM	Mainline	0.87	1.11	22.57	3.81	7268	5137	0.0669	0.0617	0.0267	0.0013	0.0107	0.0308	0.0059	0.0022	0.0005	0.0428	0.0854
57	2025	ALT1	EB	AM	Mainline	0.55	0.70	12.25	2.08	4203	2961	0.0404	0.0373	0.0169	0.0009	0.0060	0.0179	0.0038	0.0013	0.0003	0.0264	0.0415
58	2025	ALT1	EB	AM	Mainline	1.79	2.27	40.53	7.00	13880	9799	0.1367	0.1261	0.0549	0.0028	0.0201	0.0597	0.0123	0.0041	0.0009	0.0911	0.1461
59	2025	ALT1	EB	AM	Mainline	0.46	0.58	10.09	1.73	3491	2462	0.0343	0.0317	0.0141	0.0007	0.0050	0.0150	0.0032	0.0010	0.0002	0.0227	0.0351
60	2025	ALT1	EB	AM	Mainline	1.82	2.30	40.47	7.07	13984	9883	0.1413	0.1303	0.0558	0.0028	0.0206	0.0609	0.0124	0.0042	0.0010	0.0954	0.1501
61	2025	ALT1	EB	AM	Mainline	0.41	0.51	8.75	1.53	3055	2157	0.0310	0.0286	0.0124	0.0006	0.0045	0.0134	0.0028	0.0009	0.0002	0.0209	0.0317
62	2025	ALT1	EB	AM	Mainline	0.80	1.01	17.08	3.05	6033	4271	0.0643	0.0593	0.0246	0.0013	0.0091	0.0269	0.0055	0.0018	0.0004	0.0445	0.0664
63	2025	ALT1	EB	AM	Mainline	0.31	0.39	6.58	1.20	2332	1654	0.0256	0.0236	0.0094	0.0005	0.0036	0.0105	0.0021	0.0007	0.0002	0.0180	0.0272
64	2025	ALT1	EB	AM	Mainline	0.91	1.15	19.59	3.67	6976	4969	0.0806	0.0743	0.0278	0.0014	0.0113	0.0323	0.0062	0.0020	0.0005	0.0583	0.0892
65	2025	ALT1	EB	AM	Mainline	0.29	0.36	6.25	1.17	2220	1581	0.0255	0.0235	0.0088	0.0004	0.0036	0.0102	0.0020	0.0006	0.0002	0.0184	0.0282
66	2025	ALT1	EB	AM	Mainline	0.10	0.13	2.18	0.45	799	577	0.0109	0.0101	0.0031	0.0002	0.0015	0.0040	0.0007	0.0002	0.0001	0.0085	0.0132
67	2025	ALT1	EB	AM	Mainline	0.71	0.89	15.20	3.39	5704	4153	0.0859	0.0791	0.0214	0.0010	0.0115	0.0301	0.0046	0.0016	0.0005	0.0692	0.1085
68	2025	ALT1	EB	AM	Mainline	0.53	0.67	11.19	2.45	4200	3049	0.0621	0.0572	0.0161	0.0008	0.0082	0.0218	0.0035	0.0012	0.0004	0.0496	0.0755
69	2025	ALT1	EB	AM	Mainline	1.20	1.50	25.11	5.86	9621	7043	0.1550	0.1428	0.0360	0.0017	0.0202	0.0525	0.0078	0.0026	0.0009	0.1274	0.1962
70	2025	ALT1	EB	AM	Mainline	0.75	0.94	15.14	3.50	5842	4264	0.0939	0.0865	0.0225	0.0011	0.0120	0.0315	0.0049	0.0016	0.0005	0.0769	0.1124
71	2025	ALT1	EB	AM	Mainline	0.94	1.17	18.92	4.60	7419	5451	0.1272	0.1172	0.0281	0.0013	0.0161	0.0414	0.0060	0.0020	0.0007	0.1062	0.1567
72	2025	ALT1	EB	AM	Mainline	0.92	1.15	18.48	4.36	7196	5266	0.1193	0.1099	0.0277	0.0013	0.0150	0.0393	0.0060	0.0020	0.0007	0.0986	0.1427
73	2025	ALT1	EB	AM	Ramp	0.07	0.10	1.40	0.19	517	361	0.0042	0.0039	0.0021	0.0001	0.0010	0.0027	0.0005	0.0003	0.0000	0.0012	0.0094
74	2025	ALT1	EB	AM	Ramp	0.05	0.08	0.95	0.14	380	265	0.0033	0.0030	0.0017	0.0001	0.0009	0.0024	0.0004	0.0002	0.0000	0.0009	0.0093
75	2025	ALT1	EB	AM	Ramp	0.07	0.10	1.20	0.17	479	333	0.0040	0.0037	0.0021	0.0001	0.0010	0.0028	0.0005	0.0003	0.0000	0.0009	0.0099
76	2025	ALT1	EB	AM	Ramp	0.10	0.13	1.59	0.22	655	455	0.0056	0.0052	0.0030	0.0001	0.0015	0.0040	0.0006	0.0004	0.0001	0.0012	0.0148

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
77	2025	ALT1	EB	AM	Ramp	0.07	0.09	1.31	0.18	495	344	0.0040	0.0037	0.0021	0.0001	0.0009	0.0025	0.0005	0.0003	0.0000	0.0009	0.0083
78	2025	ALT1	EB	AM	Ramp	0.10	0.15	1.38	0.21	645	447	0.0060	0.0056	0.0032	0.0002	0.0017	0.0046	0.0007	0.0004	0.0001	0.0010	0.0178
79	2025	ALT1	EB	AM	Ramp	0.12	0.16	1.66	0.25	746	518	0.0068	0.0063	0.0036	0.0002	0.0019	0.0052	0.0008	0.0005	0.0001	0.0013	0.0201
80	2025	ALT1	EB	AM	Ramp	0.19	0.27	3.17	0.42	1317	910	0.0112	0.0103	0.0060	0.0003	0.0025	0.0073	0.0013	0.0008	0.0001	0.0019	0.0234
81	2025	ALT1	EB	AM	Ramp	0.11	0.15	2.89	0.40	922	645	0.0070	0.0064	0.0034	0.0002	0.0015	0.0041	0.0007	0.0004	0.0001	0.0025	0.0132
82	2025	ALT1	EB	AM	Ramp	0.16	0.23	3.31	0.40	1240	853	0.0094	0.0087	0.0053	0.0003	0.0017	0.0053	0.0012	0.0007	0.0001	0.0015	0.0124
83	2025	ALT1	EB	AM	Ramp	0.02	0.03	0.59	0.10	199	143	0.0019	0.0017	0.0007	0.0000	0.0005	0.0012	0.0001	0.0001	0.0000	0.0010	0.0053
84	2025	ALT1	EB	AM	Ramp	0.05	0.06	1.36	0.16	407	280	0.0026	0.0024	0.0015	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0006	0.0028
85	2025	ALT1	EB	AM	Ramp	0.08	0.11	2.36	0.34	710	499	0.0053	0.0049	0.0025	0.0001	0.0011	0.0032	0.0005	0.0003	0.0000	0.0023	0.0106
86	2025	ALT1	EB	AM	Ramp	0.11	0.15	2.56	0.41	893	633	0.0078	0.0072	0.0034	0.0002	0.0018	0.0048	0.0007	0.0004	0.0001	0.0034	0.0187
87	2025	ALT1	EB	AM	Ramp	0.03	0.04	0.61	0.10	232	164	0.0021	0.0019	0.0010	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0008	0.0063
88	2025	ALT1	EB	AM	Ramp	0.06	0.09	1.52	0.22	516	363	0.0042	0.0039	0.0020	0.0001	0.0009	0.0025	0.0004	0.0002	0.0000	0.0016	0.0089
89	2025	ALT1	EB	AM	Ramp	0.03	0.04	0.50	0.07	190	133	0.0016	0.0015	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0004	0.0039
90	2025	ALT1	EB	AM	Ramp	0.02	0.03	0.36	0.11	167	127	0.0023	0.0021	0.0007	0.0000	0.0009	0.0020	0.0001	0.0001	0.0000	0.0016	0.0118
91	2025	ALT1	EB	AM	Ramp	0.12	0.16	2.54	0.37	914	641	0.0076	0.0070	0.0036	0.0002	0.0017	0.0047	0.0008	0.0004	0.0001	0.0025	0.0164
92	2025	ALT1	EB	AM	Ramp	0.05	0.07	0.82	0.19	348	255	0.0039	0.0036	0.0015	0.0001	0.0017	0.0038	0.0003	0.0002	0.0000	0.0021	0.0205
93	2025	ALT1	EB	AM	Ramp	0.61	0.79	14.19	3.34	5172	3861	0.0624	0.0576	0.0176	0.0007	0.0182	0.0415	0.0034	0.0016	0.0004	0.0451	0.2184
94	2025	ALT1	EB	AM	Ramp	0.35	0.49	7.95	1.24	2828	1997	0.0244	0.0225	0.0109	0.0005	0.0055	0.0149	0.0023	0.0013	0.0002	0.0097	0.0550
95	2025	ALT1	EB	AM	Ramp	0.09	0.13	1.89	0.27	707	495	0.0059	0.0055	0.0029	0.0001	0.0015	0.0040	0.0006	0.0004	0.0001	0.0018	0.0147
96	2025	ALT1	EB	AM	Ramp	0.07	0.10	2.28	0.31	658	460	0.0046	0.0042	0.0023	0.0001	0.0009	0.0027	0.0005	0.0002	0.0000	0.0019	0.0078
97	2025	ALT1	EB	AM	Ramp	0.04	0.06	1.01	0.20	355	258	0.0036	0.0033	0.0013	0.0001	0.0010	0.0024	0.0003	0.0001	0.0000	0.0021	0.0113
98	2025	ALT1	EB	AM	Ramp	0.02	0.03	0.57	0.12	203	149	0.0022	0.0020	0.0007	0.0000	0.0006	0.0015	0.0001	0.0001	0.0000	0.0015	0.0075
99	2025	ALT1	EB	AM	Ramp	0.07	0.10	1.91	0.33	620	446	0.0057	0.0052	0.0022	0.0001	0.0015	0.0036	0.0005	0.0002	0.0000	0.0032	0.0158
100	2025	ALT1	EB	AM	Ramp	0.10	0.14	2.79	0.38	860	602	0.0063	0.0058	0.0031	0.0002	0.0013	0.0037	0.0007	0.0004	0.0001	0.0023	0.0114
101	2025	ALT1	EB	AM	Ramp	0.03	0.04	0.95	0.16	294	210	0.0026	0.0024	0.0010	0.0000	0.0006	0.0016	0.0002	0.0001	0.0000	0.0014	0.0063
102	2025	ALT1	EB	AM	Ramp	0.04	0.06	1.26	0.17	379	264	0.0027	0.0025	0.0014	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0010	0.0046
103	2025	ALT1	EB	AM	Ramp	0.02	0.02	0.52	0.07	150	104	0.0010	0.0009	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0017
104	2025	ALT1	EB	AM	Ramp	0.09	0.13	2.03	0.25	719	495	0.0053	0.0049	0.0029	0.0001	0.0009	0.0029	0.0006	0.0004	0.0001	0.0010	0.0067
105	2025	ALT1	EB	AM	Ramp	0.05	0.08	1.38	0.19	456	318	0.0035	0.0032	0.0017	0.0001	0.0007	0.0020	0.0004	0.0002	0.0000	0.0012	0.0063
106	2025	ALT1	EB	AM	Ramp	0.03	0.04	0.39	0.05	190	130	0.0018	0.0016	0.0009	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0002	0.0027
107	2025	ALT1	EB	AM	Ramp																	
108	2025	ALT1	EB	AM	Ramp																	
109	2025	ALT1	EB	AM	Ramp	0.05	0.07	1.40	0.21	452	319	0.0036	0.0034	0.0016	0.0001	0.0008	0.0022	0.0004	0.0002	0.0000	0.0016	0.0081
110	2025	ALT1	EB	AM	Ramp	0.16	0.23	3.53	0.43	1260	869	0.0094	0.0087	0.0052	0.0003	0.0016	0.0052	0.0011	0.0007	0.0001	0.0017	0.0120
111	2025	ALT1	EB	AM	Ramp	0.03	0.04	0.85	0.11	250	174	0.0017	0.0016	0.0009	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0006	0.0029
112	2025	ALT1	EB	AM	Ramp	0.12	0.18	2.66	0.34	961	665	0.0074	0.0069	0.0039	0.0002	0.0014	0.0044	0.0009	0.0005	0.0001	0.0017	0.0122
113	2025	ALT1	EB	AM	Ramp	0.08	0.11	1.88	0.24	652	452	0.0049	0.0046	0.0026	0.0001	0.0009	0.0027	0.0006	0.0003	0.0001	0.0012	0.0071
114	2025	ALT1	EB	AM	Ramp	0.09	0.13	1.90	0.23	695	478	0.0052	0.0048	0.0029	0.0001	0.0009	0.0028	0.0006	0.0004	0.0001	0.0008	0.0061
115	2025	ALT1	EB	AM	Ramp																	
116	2025	ALT1	EB	AM	Ramp	0.03	0.04	0.68	0.08	236	162	0.0017	0.0016	0.0010	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0003	0.0017
117	2025	ALT1	EB	AM	Ramp	0.05	0.07	1.21	0.17	408	285	0.0032	0.0029	0.0016	0.0001	0.0006	0.0018	0.0003	0.0002	0.0000	0.0010	0.0055
118	2025	ALT1	EB	AM	Ramp	0.03	0.04	0.71	0.09	245	169	0.0018	0.0016	0.0010	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0020
119	2025	ALT1	EB	AM	Ramp	0.07	0.10	1.88	0.24	619	429	0.0045	0.0042	0.0024	0.0001	0.0008	0.0025	0.0005	0.0003	0.0000	0.0012	0.0066
120	2025	ALT1	EB	AM	Ramp	0.03	0.04	0.74	0.09	254	175	0.0018	0.0017	0.0010	0.0001	0.0003	0.0010	0.0002	0.0001	0.0000	0.0004	0.0021
121	2025	ALT1	EB	AM	Ramp	0.09	0.12	2.65	0.38	781	549	0.0058	0.0053	0.0027	0.0001	0.0012	0.0034	0.0006	0.0003	0.0001	0.0026	0.0112
122	2025	ALT1	EB	AM	Ramp	0.79	1.08	21.08	3.05	6723	4727	0.0523	0.0483	0.0245	0.0012	0.0114	0.0316	0.0053	0.0028	0.0005	0.0210	0.1086
123	2025	ALT1	EB	AM	Ramp	0.51	0.68	14.26	2.03	4382	3079	0.0330	0.0306	0.0156	0.0008	0.0072	0.0199	0.0034	0.0017	0.0003	0.0136	0.0667
124	2025	ALT1	EB	AM	Ramp																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
125	2025	ALT1	EB	AM	Ramp	0.16	0.22	2.39	0.35	1039	723	0.0094	0.0087	0.0050	0.0002	0.0027	0.0072	0.0010	0.0007	0.0001	0.0020	0.0286
126	2025	ALT1	EB	AM	Ramp	0.02	0.03	0.43	0.06	160	111	0.0013	0.0012	0.0007	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0003	0.0028
127	2025	ALT1	EB	AM	Ramp	0.26	0.38	3.23	0.46	1628	1122	0.0157	0.0146	0.0084	0.0004	0.0039	0.0109	0.0018	0.0012	0.0002	0.0020	0.0392
128	2025	ALT1	EB	AM	Ramp	0.00	0.01	0.10	0.01	33	23	0.0002	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0003
129	2025	ALT1	EB	AM	Ramp	0.24	0.34	3.66	0.53	1597	1108	0.0143	0.0132	0.0076	0.0004	0.0039	0.0105	0.0016	0.0010	0.0002	0.0027	0.0396
130	2025	ALT1	EB	AM	Ramp	0.03	0.04	0.84	0.11	254	177	0.0018	0.0017	0.0009	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0007	0.0032
131	2025	ALT1	EB	AM	Ramp	0.25	0.36	4.80	0.63	1846	1279	0.0149	0.0138	0.0080	0.0004	0.0034	0.0097	0.0017	0.0010	0.0002	0.0033	0.0314
132	2025	ALT1	EB	AM	Ramp	0.02	0.02	0.49	0.07	148	104	0.0011	0.0010	0.0005	0.0000	0.0002	0.0007	0.0001	0.0001	0.0000	0.0004	0.0022
133	2025	ALT1	EB	AM	Ramp	0.22	0.31	4.36	0.55	1628	1125	0.0127	0.0118	0.0069	0.0003	0.0025	0.0076	0.0015	0.0009	0.0001	0.0025	0.0215
134	2025	ALT1	EB	AM	Ramp	0.22	0.29	6.21	0.86	1887	1322	0.0138	0.0128	0.0067	0.0003	0.0029	0.0082	0.0015	0.0007	0.0001	0.0054	0.0263
135	2025	ALT1	EB	AM	Ramp	0.20	0.28	3.68	0.51	1440	1002	0.0120	0.0111	0.0063	0.0003	0.0030	0.0082	0.0013	0.0008	0.0001	0.0029	0.0294
136	2025	ALT1	EB	AM	Ramp	0.01	0.01	0.17	0.02	61	43	0.0005	0.0005	0.0002	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0002	0.0011
137	2025	ALT1	EB	AM	Ramp	0.71	0.92	15.38	3.73	5836	4361	0.0705	0.0651	0.0205	0.0008	0.0216	0.0492	0.0040	0.0019	0.0005	0.0497	0.2620
138	2025	ALT1	EB	AM	Ramp	0.12	0.17	1.35	0.19	708	487	0.0070	0.0065	0.0037	0.0002	0.0016	0.0046	0.0008	0.0005	0.0001	0.0008	0.0158
139	2025	ALT1	EB	AM	Ramp	0.04	0.06	0.87	0.11	311	215	0.0024	0.0022	0.0013	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0005	0.0037
140	2025	ALT1	EB	AM	Ramp	0.16	0.23	2.74	0.36	1114	770	0.0093	0.0086	0.0050	0.0002	0.0021	0.0060	0.0011	0.0007	0.0001	0.0017	0.0191
141	2025	ALT1	EB	AM	Ramp	0.01	0.01	0.32	0.04	94	65	0.0006	0.0005	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0006
142	2025	ALT1	EB	AM	Ramp	0.05	0.06	1.33	0.17	407	282	0.0027	0.0025	0.0015	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0037
143	2025	ALT1	EB	AM	Ramp	0.03	0.04	0.90	0.11	262	180	0.0016	0.0015	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0017
144	2025	ALT1	EB	AM	HOV	0.06	0.08	1.64	0.21	481	328	0.0020	0.0019	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
145	2025	ALT1	EB	AM	HOV	0.16	0.20	4.32	0.54	1271	866	0.0054	0.0050	0.0050	0.0003	0.0010	0.0038	0.0011	0.0004	0.0001	0.0006	0.0011
146	2025	ALT1	EB	AM	HOV	0.01	0.01	0.19	0.02	55	37	0.0002	0.0002	0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
147	2025	ALT1	EB	AM	HOV	0.13	0.17	3.65	0.46	1075	732	0.0045	0.0042	0.0042	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0010
148	2025	ALT1	EB	AM	HOV	0.05	0.06	1.33	0.17	391	266	0.0017	0.0015	0.0015	0.0001	0.0003	0.0012	0.0004	0.0001	0.0000	0.0002	0.0003
149	2025	ALT1	EB	AM	HOV	0.09	0.11	2.41	0.30	700	477	0.0030	0.0027	0.0027	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0003	0.0006
150	2025	ALT1	EB	AM	HOV	0.12	0.16	3.36	0.42	976	665	0.0041	0.0038	0.0038	0.0002	0.0007	0.0029	0.0009	0.0003	0.0000	0.0005	0.0009
151	2025	ALT1	EB	AM	HOV	0.16	0.21	4.53	0.56	1317	897	0.0056	0.0052	0.0051	0.0003	0.0010	0.0039	0.0012	0.0004	0.0001	0.0006	0.0012
152	2025	ALT1	EB	AM	HOV	0.13	0.17	3.60	0.45	1045	712	0.0044	0.0041	0.0040	0.0002	0.0008	0.0031	0.0009	0.0003	0.0001	0.0005	0.0009
153	2025	ALT1	EB	AM	HOV	0.05	0.07	1.45	0.18	431	294	0.0018	0.0017	0.0017	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0004
154	2025	ALT1	EB	AM	HOV	0.10	0.13	2.78	0.35	825	562	0.0035	0.0032	0.0033	0.0002	0.0006	0.0025	0.0007	0.0003	0.0000	0.0004	0.0007
155	2025	ALT1	EB	AM	HOV	0.08	0.10	2.06	0.26	613	417	0.0026	0.0024	0.0024	0.0001	0.0005	0.0018	0.0006	0.0002	0.0000	0.0003	0.0005
156	2025	ALT1	EB	AM	HOV	0.06	0.08	1.62	0.20	482	328	0.0020	0.0019	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
157	2025	ALT1	EB	AM	HOV	0.11	0.14	2.86	0.36	848	578	0.0036	0.0033	0.0034	0.0002	0.0006	0.0026	0.0008	0.0003	0.0000	0.0004	0.0007
158	2025	ALT1	EB	AM	HOV	0.12	0.16	3.29	0.41	978	666	0.0041	0.0038	0.0039	0.0002	0.0007	0.0029	0.0009	0.0003	0.0000	0.0005	0.0009
159	2025	ALT1	EB	AM	HOV	0.07	0.10	2.41	0.28	648	441	0.0029	0.0026	0.0023	0.0001	0.0004	0.0018	0.0005	0.0002	0.0000	0.0003	0.0007
160	2025	ALT1	EB	AM	HOV	0.14	0.18	4.49	0.52	1208	823	0.0053	0.0049	0.0043	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0012
161	2025	ALT1	EB	AM	HOV																	
162	2025	ALT1	EB	AM	HOV																	
163	2025	ALT1	EB	AM	HOV																	
164	2025	ALT1	EB	AM	HOV																	
165	2025	ALT1	EB	AM	HOV																	
166	2025	ALT1	EB	AM	HOV																	
167	2025	ALT1	EB	AM	HOV																	
168	2025	ALT1	EB	AM	HOV																	
169	2025	ALT1	EB	AM	HOV																	
170	2025	ALT1	EB	AM	HOV																	
171	2025	ALT1	EB	AM	HOV																	
172	2025	ALT1	EB	AM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
173	2025	ALT1	EB	AM	HOV																	
174	2025	ALT1	EB	AM	HOV																	
175	2025	ALT1	EB	AM	HOV																	
176	2025	ALT1	EB	AM	HOV																	
177	2025	ALT1	EB	AM	HOV																	
178	2025	ALT1	EB	AM	HOV																	
179	2025	ALT1	EB	AM	HOV																	
180	2025	ALT1	EB	AM	HOV																	
181	2025	ALT1	EB	AM	HOV																	
182	2025	ALT1	EB	AM	HOV																	
183	2025	ALT1	EB	AM	HOV																	
184	2025	ALT1	EB	AM	HOV																	
185	2025	ALT1	EB	AM	HOV																	
186	2025	ALT1	EB	AM	HOV																	
187	2025	ALT1	EB	AM	HOV																	
188	2025	ALT1	EB	AM	HOV																	
189	2025	ALT1	EB	AM	HOV																	
190	2025	ALT1	EB	AM	HOV																	
191	2025	ALT1	EB	AM	HOV																	
192	2025	ALT1	EB	AM	HOV																	
193	2025	ALT1	EB	AM	HOV																	
194	2025	ALT1	EB	AM	HOV																	
195	2025	ALT1	EB	AM	HOV																	
196	2025	ALT1	EB	AM	HOV																	
197	2025	ALT1	EB	AM	HOV																	
198	2025	ALT1	EB	AM	HOV																	
199	2025	ALT1	EB	AM	HOV																	
200	2025	ALT1	EB	AM	HOV																	
201	2025	ALT1	EB	AM	HOV																	
202	2025	ALT1	EB	AM	HOV																	
203	2025	ALT1	EB	AM	HOV																	
204	2025	ALT1	EB	AM	HOV																	
205	2025	ALT1	EB	AM	HOV																	
206	2025	ALT1	EB	AM	HOV																	
207	2025	ALT1	EB	AM	HOV																	
208	2025	ALT1	EB	AM	HOV																	
209	2025	ALT1	EB	AM	HOV																	
210	2025	ALT1	EB	AM	HOV																	
211	2025	ALT1	EB	AM	HOV																	
212	2025	ALT1	EB	AM	HOV																	
213	2025	ALT1	EB	AM	HOV																	
214	2025	ALT1	EB	AM	HOV																	
215	2025	ALT1	EB	AM	HOV																	
1	2025	ALT1	EB	MD	Mainline	1.20	1.51	27.27	7.06	10513	7845	0.1825	0.1681	0.0355	0.0016	0.0268	0.0647	0.0074	0.0026	0.0010	0.1548	0.2928
2	2025	ALT1	EB	MD	Mainline	3.04	3.81	66.72	17.86	26332	19705	0.4826	0.4445	0.0895	0.0040	0.0678	0.1636	0.0186	0.0065	0.0026	0.4144	0.7408
3	2025	ALT1	EB	MD	Mainline	0.14	0.18	3.10	0.82	1230	917	0.0226	0.0208	0.0043	0.0002	0.0030	0.0074	0.0009	0.0003	0.0001	0.0194	0.0321
4	2025	ALT1	EB	MD	Mainline	2.52	3.15	54.59	14.93	21807	16355	0.4115	0.3790	0.0741	0.0033	0.0568	0.1368	0.0154	0.0054	0.0022	0.3556	0.6239
5	2025	ALT1	EB	MD	Mainline	1.03	1.29	22.03	5.79	8721	6496	0.1596	0.1470	0.0304	0.0014	0.0213	0.0523	0.0064	0.0022	0.0009	0.1367	0.2265

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
6	2025	ALT1	EB	MD	Mainline	1.51	1.89	32.48	8.93	13053	9789	0.2497	0.2299	0.0446	0.0020	0.0338	0.0816	0.0093	0.0032	0.0013	0.2163	0.3693
7	2025	ALT1	EB	MD	Mainline	2.22	2.79	49.87	13.07	19385	14483	0.3430	0.3159	0.0656	0.0029	0.0497	0.1199	0.0136	0.0048	0.0019	0.2922	0.5438
8	2025	ALT1	EB	MD	Mainline	2.80	3.50	60.31	16.67	24243	18202	0.4643	0.4276	0.0823	0.0037	0.0636	0.1528	0.0171	0.0059	0.0025	0.4026	0.6986
9	2025	ALT1	EB	MD	Mainline	2.33	2.93	51.61	13.75	20282	15174	0.3682	0.3391	0.0688	0.0031	0.0523	0.1261	0.0143	0.0050	0.0020	0.3155	0.5723
10	2025	ALT1	EB	MD	Mainline	0.71	0.88	14.98	4.28	6132	4619	0.1227	0.1130	0.0208	0.0009	0.0163	0.0391	0.0043	0.0015	0.0006	0.1074	0.1805
11	2025	ALT1	EB	MD	Mainline	1.47	1.84	32.28	8.63	12743	9534	0.2336	0.2151	0.0434	0.0019	0.0327	0.0790	0.0090	0.0032	0.0013	0.2005	0.3571
12	2025	ALT1	EB	MD	Mainline	1.01	1.27	21.69	5.95	8722	6537	0.1668	0.1537	0.0299	0.0013	0.0224	0.0542	0.0062	0.0022	0.0009	0.1445	0.2443
13	2025	ALT1	EB	MD	Mainline	0.96	1.20	19.63	5.14	7866	5842	0.1467	0.1351	0.0285	0.0013	0.0186	0.0465	0.0061	0.0020	0.0008	0.1256	0.1925
14	2025	ALT1	EB	MD	Mainline	1.51	1.88	31.23	8.34	12551	9353	0.2374	0.2186	0.0447	0.0021	0.0306	0.0754	0.0094	0.0032	0.0013	0.2043	0.3221
15	2025	ALT1	EB	MD	Mainline	1.91	2.40	42.04	10.66	16291	12094	0.2829	0.2606	0.0567	0.0026	0.0391	0.0963	0.0119	0.0042	0.0016	0.2392	0.4139
16	2025	ALT1	EB	MD	Mainline	1.09	1.36	23.73	6.13	9278	6903	0.1650	0.1520	0.0322	0.0015	0.0226	0.0556	0.0068	0.0023	0.0009	0.1404	0.2415
17	2025	ALT1	EB	MD	Mainline	1.77	2.22	39.45	10.35	15387	11491	0.2742	0.2526	0.0523	0.0023	0.0392	0.0948	0.0109	0.0038	0.0015	0.2339	0.4269
18	2025	ALT1	EB	MD	Mainline	1.66	2.10	39.30	8.90	14264	10463	0.2092	0.1928	0.0496	0.0023	0.0315	0.0792	0.0105	0.0038	0.0012	0.1685	0.3248
19	2025	ALT1	EB	MD	Mainline	1.31	1.64	29.46	6.72	10927	8002	0.1658	0.1528	0.0391	0.0018	0.0234	0.0596	0.0084	0.0029	0.0010	0.1347	0.2341
20	2025	ALT1	EB	MD	Mainline	2.69	3.39	61.18	14.24	22752	16718	0.3520	0.3243	0.0803	0.0038	0.0504	0.1270	0.0171	0.0060	0.0020	0.2879	0.5159
21	2025	ALT1	EB	MD	Mainline	0.30	0.38	6.71	1.54	2507	1837	0.0387	0.0357	0.0090	0.0004	0.0054	0.0137	0.0019	0.0007	0.0002	0.0316	0.0537
22	2025	ALT1	EB	MD	Mainline	1.11	1.40	25.04	5.21	9054	6546	0.1219	0.1124	0.0336	0.0016	0.0170	0.0455	0.0073	0.0025	0.0007	0.0948	0.1572
23	2025	ALT1	EB	MD	Mainline	1.13	1.42	25.57	5.33	9222	6671	0.1240	0.1143	0.0341	0.0017	0.0175	0.0465	0.0074	0.0026	0.0007	0.0964	0.1623
24	2025	ALT1	EB	MD	Mainline	1.00	1.26	22.20	4.53	8023	5781	0.1054	0.0971	0.0304	0.0015	0.0146	0.0396	0.0067	0.0023	0.0006	0.0810	0.1304
25	2025	ALT1	EB	MD	Mainline	0.65	0.82	14.72	2.98	5255	3788	0.0678	0.0625	0.0196	0.0010	0.0096	0.0259	0.0043	0.0015	0.0004	0.0518	0.0871
26	2025	ALT1	EB	MD	Mainline	5.82	7.34	128.97	25.39	46110	33078	0.5734	0.5286	0.1769	0.0088	0.0801	0.2212	0.0389	0.0131	0.0036	0.4305	0.6894
27	2025	ALT1	EB	MD	Mainline	4.60	5.79	98.73	19.50	35704	25598	0.4500	0.4149	0.1400	0.0070	0.0618	0.1719	0.0309	0.0102	0.0028	0.3388	0.5208
28	2025	ALT1	EB	MD	Mainline	2.55	3.22	55.45	10.74	19859	14208	0.2418	0.2229	0.0777	0.0039	0.0336	0.0941	0.0172	0.0057	0.0015	0.1794	0.2794
29	2025	ALT1	EB	MD	Mainline	1.72	2.17	36.84	7.10	13239	9461	0.1604	0.1478	0.0524	0.0026	0.0222	0.0625	0.0116	0.0038	0.0010	0.1186	0.1811
30	2025	ALT1	EB	MD	Mainline	2.93	3.68	62.28	11.97	22408	16007	0.2708	0.2496	0.0892	0.0045	0.0374	0.1057	0.0197	0.0065	0.0017	0.1999	0.3028
31	2025	ALT1	EB	MD	Mainline	2.14	2.70	45.88	8.80	16474	11768	0.1984	0.1829	0.0653	0.0033	0.0274	0.0776	0.0145	0.0048	0.0013	0.1463	0.2230
32	2025	ALT1	EB	MD	Mainline	2.31	2.92	50.59	9.82	18092	12950	0.2207	0.2035	0.0704	0.0035	0.0307	0.0859	0.0155	0.0052	0.0014	0.1641	0.2577
33	2025	ALT1	EB	MD	Mainline	2.11	2.66	47.00	9.02	16650	11907	0.1984	0.1829	0.0642	0.0032	0.0280	0.0782	0.0142	0.0048	0.0013	0.1461	0.2344
34	2025	ALT1	EB	MD	Mainline	2.33	2.95	52.17	10.22	18575	13320	0.2287	0.2108	0.0709	0.0035	0.0321	0.0887	0.0156	0.0053	0.0014	0.1710	0.2767
35	2025	ALT1	EB	MD	Mainline	1.32	1.67	29.10	5.51	10313	7361	0.1207	0.1113	0.0403	0.0020	0.0170	0.0480	0.0089	0.0030	0.0008	0.0881	0.1390
36	2025	ALT1	EB	MD	Mainline	1.58	2.00	34.86	6.61	12356	8819	0.1446	0.1334	0.0483	0.0024	0.0204	0.0575	0.0107	0.0036	0.0009	0.1056	0.1665
37	2025	ALT1	EB	MD	Mainline	2.13	2.69	46.96	8.90	16642	11878	0.1948	0.1796	0.0650	0.0033	0.0274	0.0775	0.0144	0.0048	0.0013	0.1422	0.2243
38	2025	ALT1	EB	MD	Mainline	3.07	3.88	68.87	13.12	24308	17369	0.2858	0.2635	0.0937	0.0047	0.0405	0.1135	0.0207	0.0070	0.0018	0.2093	0.3375
39	2025	ALT1	EB	MD	Mainline	3.28	4.13	71.72	13.45	25398	18102	0.2928	0.2700	0.1000	0.0050	0.0412	0.1174	0.0221	0.0074	0.0019	0.2120	0.3312
40	2025	ALT1	EB	MD	Mainline	2.21	2.79	47.53	8.96	16959	12088	0.1980	0.1825	0.0675	0.0034	0.0276	0.0788	0.0150	0.0049	0.0013	0.1439	0.2199
41	2025	ALT1	EB	MD	Mainline	0.83	1.05	18.25	3.39	6435	4581	0.0727	0.0670	0.0254	0.0013	0.0103	0.0295	0.0056	0.0019	0.0005	0.0521	0.0817
42	2025	ALT1	EB	MD	Mainline	2.42	3.05	54.44	10.23	19102	13627	0.2191	0.2020	0.0737	0.0037	0.0312	0.0881	0.0163	0.0055	0.0014	0.1586	0.2569
43	2025	ALT1	EB	MD	Mainline	1.07	1.34	23.34	4.32	8233	5858	0.0926	0.0854	0.0325	0.0016	0.0131	0.0376	0.0072	0.0024	0.0006	0.0663	0.1034
44	2025	ALT1	EB	MD	Mainline	1.58	2.00	36.20	6.69	12571	8954	0.1398	0.1289	0.0482	0.0024	0.0202	0.0572	0.0106	0.0036	0.0009	0.0998	0.1648
45	2025	ALT1	EB	MD	Mainline	0.75	0.95	16.51	3.04	5803	4126	0.0646	0.0595	0.0229	0.0012	0.0092	0.0264	0.0051	0.0017	0.0004	0.0459	0.0720
46	2025	ALT1	EB	MD	Mainline	1.97	2.49	44.75	8.25	15579	11089	0.1727	0.1593	0.0601	0.0030	0.0248	0.0707	0.0133	0.0045	0.0011	0.1231	0.2006
47	2025	ALT1	EB	MD	Mainline	0.12	0.15	2.53	0.46	887	630	0.0097	0.0090	0.0035	0.0002	0.0014	0.0040	0.0008	0.0003	0.0001	0.0069	0.0108
48	2025	ALT1	EB	MD	Mainline	2.36	2.98	51.37	9.44	18126	12884	0.2019	0.1862	0.0722	0.0036	0.0286	0.0825	0.0160	0.0053	0.0013	0.1436	0.2218
49	2025	ALT1	EB	MD	Mainline	0.19	0.24	4.25	0.77	1484	1054	0.0162	0.0149	0.0058	0.0003	0.0023	0.0067	0.0013	0.0004	0.0001	0.0114	0.0181
50	2025	ALT1	EB	MD	Mainline	3.07	3.89	69.33	12.61	24101	17123	0.2612	0.2409	0.0939	0.0047	0.0376	0.1082	0.0208	0.0071	0.0017	0.1838	0.2963
51	2025	ALT1	EB	MD	Mainline	0.50	0.64	11.63	2.15	4020	2864	0.0445	0.0410	0.0153	0.0008	0.0065	0.0183	0.0034	0.0012	0.0003	0.0317	0.0534
52	2025	ALT1	EB	MD	Mainline	0.74	0.93	17.29	3.18	5933	4226	0.0648	0.0598	0.0224	0.0011	0.0096	0.0269	0.0050	0.0017	0.0004	0.0459	0.0793
53	2025	ALT1	EB	MD	Mainline	0.55	0.69	13.09	2.45	4469	3193	0.0499	0.0460	0.0166	0.0008	0.0075	0.0207	0.0036	0.0013	0.0003	0.0358	0.0647

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
54	2025	ALT1	EB	MD	Mainline	2.78	3.55	70.88	13.16	23578	16878	0.2570	0.2370	0.0846	0.0041	0.0408	0.1106	0.0184	0.0068	0.0017	0.1825	0.3697
55	2025	ALT1	EB	MD	Mainline	1.41	1.79	33.70	6.27	11504	8213	0.1275	0.1176	0.0429	0.0021	0.0191	0.0530	0.0094	0.0033	0.0008	0.0911	0.1636
56	2025	ALT1	EB	MD	Mainline	1.74	2.21	43.37	8.11	14573	10429	0.1609	0.1484	0.0528	0.0026	0.0250	0.0681	0.0116	0.0042	0.0011	0.1150	0.2233
57	2025	ALT1	EB	MD	Mainline	1.10	1.39	24.10	4.49	8514	6064	0.0971	0.0895	0.0335	0.0017	0.0137	0.0391	0.0074	0.0025	0.0006	0.0699	0.1094
58	2025	ALT1	EB	MD	Mainline	3.65	4.61	81.97	15.38	28776	20524	0.3297	0.3040	0.1112	0.0056	0.0470	0.1326	0.0246	0.0083	0.0021	0.2386	0.3852
59	2025	ALT1	EB	MD	Mainline	0.96	1.21	21.00	3.88	7405	5268	0.0832	0.0767	0.0293	0.0015	0.0118	0.0338	0.0065	0.0022	0.0005	0.0595	0.0927
60	2025	ALT1	EB	MD	Mainline	3.88	4.91	87.44	16.20	30568	21769	0.3426	0.3159	0.1185	0.0059	0.0490	0.1394	0.0262	0.0089	0.0022	0.2452	0.3961
61	2025	ALT1	EB	MD	Mainline	0.89	1.12	19.30	3.55	6815	4844	0.0761	0.0702	0.0271	0.0014	0.0108	0.0310	0.0060	0.0020	0.0005	0.0541	0.0836
62	2025	ALT1	EB	MD	Mainline	1.82	2.29	38.93	7.26	13872	9875	0.1594	0.1470	0.0556	0.0028	0.0223	0.0640	0.0123	0.0041	0.0010	0.1149	0.1743
63	2025	ALT1	EB	MD	Mainline	0.70	0.88	15.03	2.85	5365	3827	0.0632	0.0583	0.0213	0.0011	0.0088	0.0250	0.0047	0.0016	0.0004	0.0462	0.0709
64	2025	ALT1	EB	MD	Mainline	2.14	2.70	46.99	9.01	16727	11955	0.1998	0.1842	0.0652	0.0033	0.0280	0.0786	0.0144	0.0048	0.0013	0.1471	0.2315
65	2025	ALT1	EB	MD	Mainline	0.70	0.88	15.49	2.92	5463	3898	0.0632	0.0583	0.0212	0.0011	0.0090	0.0253	0.0047	0.0016	0.0004	0.0459	0.0732
66	2025	ALT1	EB	MD	Mainline	0.23	0.29	5.02	1.09	1853	1346	0.0267	0.0246	0.0069	0.0003	0.0036	0.0096	0.0015	0.0005	0.0002	0.0212	0.0340
67	2025	ALT1	EB	MD	Mainline	1.66	2.08	36.49	8.29	13650	9978	0.2087	0.1923	0.0497	0.0024	0.0284	0.0734	0.0107	0.0037	0.0012	0.1696	0.2789
68	2025	ALT1	EB	MD	Mainline	1.27	1.59	27.15	6.04	10177	7410	0.1528	0.1408	0.0382	0.0018	0.0204	0.0537	0.0083	0.0028	0.0009	0.1230	0.1935
69	2025	ALT1	EB	MD	Mainline	2.91	3.66	63.00	14.69	23900	17517	0.3800	0.3501	0.0873	0.0041	0.0509	0.1308	0.0188	0.0064	0.0022	0.3122	0.5034
70	2025	ALT1	EB	MD	Mainline	1.87	2.34	38.33	8.85	14730	10758	0.2357	0.2172	0.0563	0.0027	0.0303	0.0795	0.0122	0.0040	0.0014	0.1930	0.2872
71	2025	ALT1	EB	MD	Mainline	2.37	2.97	48.79	11.73	18965	13927	0.3188	0.2937	0.0711	0.0034	0.0409	0.1054	0.0153	0.0051	0.0018	0.2652	0.4011
72	2025	ALT1	EB	MD	Mainline	2.36	2.95	47.68	11.17	18478	13512	0.3024	0.2786	0.0709	0.0034	0.0384	0.1005	0.0154	0.0050	0.0017	0.2491	0.3645
73	2025	ALT1	EB	MD	Ramp	0.12	0.17	2.54	0.39	936	659	0.0080	0.0074	0.0038	0.0002	0.0020	0.0053	0.0008	0.0005	0.0001	0.0028	0.0202
74	2025	ALT1	EB	MD	Ramp	0.08	0.11	1.37	0.23	542	386	0.0051	0.0047	0.0023	0.0001	0.0017	0.0042	0.0005	0.0003	0.0000	0.0020	0.0192
75	2025	ALT1	EB	MD	Ramp	0.11	0.16	2.11	0.32	818	574	0.0071	0.0066	0.0035	0.0002	0.0020	0.0052	0.0007	0.0004	0.0001	0.0022	0.0210
76	2025	ALT1	EB	MD	Ramp	0.18	0.25	3.04	0.44	1239	863	0.0107	0.0099	0.0056	0.0003	0.0029	0.0079	0.0012	0.0007	0.0001	0.0025	0.0301
77	2025	ALT1	EB	MD	Ramp	0.12	0.17	2.42	0.35	908	635	0.0076	0.0071	0.0038	0.0002	0.0019	0.0052	0.0008	0.0005	0.0001	0.0023	0.0191
78	2025	ALT1	EB	MD	Ramp	0.16	0.22	2.28	0.37	995	699	0.0093	0.0086	0.0048	0.0002	0.0033	0.0082	0.0010	0.0006	0.0001	0.0025	0.0371
79	2025	ALT1	EB	MD	Ramp	0.22	0.30	3.13	0.50	1371	961	0.0128	0.0118	0.0066	0.0003	0.0044	0.0111	0.0014	0.0008	0.0001	0.0033	0.0490
80	2025	ALT1	EB	MD	Ramp	0.26	0.36	4.69	0.69	1842	1291	0.0159	0.0147	0.0080	0.0004	0.0045	0.0118	0.0017	0.0010	0.0002	0.0047	0.0474
81	2025	ALT1	EB	MD	Ramp	0.20	0.28	5.24	0.82	1723	1222	0.0145	0.0134	0.0063	0.0003	0.0035	0.0091	0.0013	0.0007	0.0001	0.0066	0.0352
82	2025	ALT1	EB	MD	Ramp	0.21	0.29	4.37	0.59	1597	1109	0.0127	0.0117	0.0066	0.0003	0.0027	0.0078	0.0014	0.0008	0.0001	0.0032	0.0244
83	2025	ALT1	EB	MD	Ramp	0.06	0.08	1.35	0.26	470	342	0.0047	0.0043	0.0017	0.0001	0.0013	0.0031	0.0003	0.0002	0.0000	0.0028	0.0147
84	2025	ALT1	EB	MD	Ramp	0.07	0.09	1.89	0.25	575	401	0.0040	0.0037	0.0021	0.0001	0.0008	0.0023	0.0005	0.0002	0.0000	0.0014	0.0067
85	2025	ALT1	EB	MD	Ramp	0.11	0.15	2.94	0.55	963	699	0.0096	0.0089	0.0033	0.0001	0.0025	0.0060	0.0007	0.0003	0.0001	0.0061	0.0278
86	2025	ALT1	EB	MD	Ramp	0.27	0.36	5.86	0.99	2126	1516	0.0195	0.0181	0.0082	0.0004	0.0048	0.0125	0.0017	0.0009	0.0002	0.0089	0.0511
87	2025	ALT1	EB	MD	Ramp	0.07	0.10	1.36	0.23	526	374	0.0049	0.0046	0.0022	0.0001	0.0015	0.0038	0.0005	0.0003	0.0000	0.0021	0.0169
88	2025	ALT1	EB	MD	Ramp	0.09	0.12	2.01	0.39	711	516	0.0071	0.0066	0.0026	0.0001	0.0020	0.0048	0.0005	0.0003	0.0001	0.0041	0.0225
89	2025	ALT1	EB	MD	Ramp	0.05	0.07	0.92	0.14	351	247	0.0031	0.0028	0.0015	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0011	0.0092
90	2025	ALT1	EB	MD	Ramp	0.10	0.13	1.60	0.37	673	495	0.0076	0.0070	0.0029	0.0001	0.0030	0.0069	0.0005	0.0003	0.0001	0.0044	0.0369
91	2025	ALT1	EB	MD	Ramp	0.17	0.24	3.91	0.66	1392	993	0.0127	0.0117	0.0053	0.0002	0.0032	0.0081	0.0011	0.0006	0.0001	0.0059	0.0334
92	2025	ALT1	EB	MD	Ramp	0.27	0.36	3.48	0.67	1575	1122	0.0159	0.0147	0.0079	0.0003	0.0074	0.0173	0.0016	0.0009	0.0002	0.0056	0.0887
93	2025	ALT1	EB	MD	Ramp	1.74	2.23	35.11	10.42	14391	11043	0.2033	0.1874	0.0489	0.0018	0.0649	0.1425	0.0089	0.0040	0.0012	0.1604	0.8130
94	2025	ALT1	EB	MD	Ramp	0.64	0.86	14.07	2.56	5116	3679	0.0494	0.0456	0.0193	0.0009	0.0131	0.0325	0.0040	0.0022	0.0004	0.0253	0.1436
95	2025	ALT1	EB	MD	Ramp	0.12	0.17	2.86	0.45	1009	714	0.0088	0.0081	0.0039	0.0002	0.0021	0.0055	0.0008	0.0005	0.0001	0.0037	0.0209
96	2025	ALT1	EB	MD	Ramp	0.15	0.20	4.49	0.67	1334	943	0.0104	0.0096	0.0046	0.0002	0.0023	0.0062	0.0010	0.0005	0.0001	0.0051	0.0218
97	2025	ALT1	EB	MD	Ramp	0.06	0.08	1.25	0.38	525	404	0.0075	0.0069	0.0018	0.0001	0.0025	0.0054	0.0003	0.0001	0.0000	0.0059	0.0309
98	2025	ALT1	EB	MD	Ramp	0.08	0.10	1.98	0.37	669	484	0.0065	0.0060	0.0024	0.0001	0.0017	0.0043	0.0005	0.0002	0.0000	0.0038	0.0195
99	2025	ALT1	EB	MD	Ramp	0.15	0.20	3.75	0.73	1274	930	0.0131	0.0121	0.0044	0.0002	0.0036	0.0086	0.0009	0.0004	0.0001	0.0083	0.0410
100	2025	ALT1	EB	MD	Ramp	0.17	0.23	4.45	0.71	1433	1020	0.0122	0.0113	0.0051	0.0002	0.0030	0.0077	0.0011	0.0005	0.0001	0.0061	0.0309
101	2025	ALT1	EB	MD	Ramp	0.08	0.10	2.08	0.37	666	481	0.0064	0.0059	0.0023	0.0001	0.0016	0.0039	0.0005	0.0002	0.0000	0.0039	0.0173

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
102	2025	ALT1	EB	MD	Ramp	0.06	0.08	1.53	0.25	489	349	0.0042	0.0039	0.0017	0.0001	0.0010	0.0027	0.0004	0.0002	0.0000	0.0022	0.0109
103	2025	ALT1	EB	MD	Ramp	0.04	0.05	1.07	0.15	314	221	0.0023	0.0021	0.0011	0.0001	0.0005	0.0014	0.0002	0.0001	0.0000	0.0010	0.0044
104	2025	ALT1	EB	MD	Ramp	0.12	0.17	2.64	0.37	946	660	0.0076	0.0070	0.0038	0.0002	0.0016	0.0046	0.0008	0.0005	0.0001	0.0023	0.0149
105	2025	ALT1	EB	MD	Ramp	0.12	0.17	2.97	0.45	1017	717	0.0084	0.0078	0.0039	0.0002	0.0019	0.0051	0.0008	0.0005	0.0001	0.0033	0.0183
106	2025	ALT1	EB	MD	Ramp	0.04	0.05	0.58	0.08	247	171	0.0021	0.0020	0.0012	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0003	0.0045
107	2025	ALT1	EB	MD	Ramp																	
108	2025	ALT1	EB	MD	Ramp																	
109	2025	ALT1	EB	MD	Ramp	0.11	0.16	2.92	0.46	964	685	0.0082	0.0076	0.0035	0.0002	0.0020	0.0052	0.0007	0.0004	0.0001	0.0038	0.0204
110	2025	ALT1	EB	MD	Ramp	0.23	0.32	4.97	0.68	1784	1243	0.0142	0.0132	0.0072	0.0004	0.0030	0.0086	0.0016	0.0009	0.0001	0.0040	0.0274
111	2025	ALT1	EB	MD	Ramp	0.04	0.06	1.23	0.19	379	270	0.0032	0.0029	0.0013	0.0001	0.0007	0.0019	0.0003	0.0001	0.0000	0.0017	0.0075
112	2025	ALT1	EB	MD	Ramp	0.21	0.29	4.46	0.63	1624	1134	0.0132	0.0122	0.0066	0.0003	0.0030	0.0083	0.0014	0.0008	0.0001	0.0039	0.0280
113	2025	ALT1	EB	MD	Ramp	0.15	0.21	3.49	0.48	1212	846	0.0096	0.0088	0.0047	0.0002	0.0019	0.0055	0.0010	0.0006	0.0001	0.0030	0.0165
114	2025	ALT1	EB	MD	Ramp	0.16	0.23	3.38	0.43	1241	857	0.0095	0.0088	0.0052	0.0003	0.0018	0.0056	0.0011	0.0007	0.0001	0.0019	0.0151
115	2025	ALT1	EB	MD	Ramp																	
116	2025	ALT1	EB	MD	Ramp	0.05	0.07	1.19	0.15	416	287	0.0031	0.0029	0.0017	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0007	0.0042
117	2025	ALT1	EB	MD	Ramp	0.09	0.12	2.11	0.32	722	510	0.0061	0.0056	0.0027	0.0001	0.0014	0.0037	0.0006	0.0003	0.0001	0.0025	0.0138
118	2025	ALT1	EB	MD	Ramp	0.08	0.11	1.75	0.22	604	417	0.0044	0.0041	0.0024	0.0001	0.0007	0.0024	0.0005	0.0003	0.0000	0.0009	0.0053
119	2025	ALT1	EB	MD	Ramp	0.12	0.17	3.17	0.45	1040	729	0.0081	0.0075	0.0039	0.0002	0.0017	0.0048	0.0008	0.0005	0.0001	0.0029	0.0156
120	2025	ALT1	EB	MD	Ramp	0.06	0.09	1.42	0.18	493	341	0.0037	0.0034	0.0020	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0009	0.0053
121	2025	ALT1	EB	MD	Ramp	0.13	0.17	3.70	0.60	1139	814	0.0098	0.0091	0.0039	0.0002	0.0023	0.0060	0.0008	0.0004	0.0001	0.0055	0.0240
122	2025	ALT1	EB	MD	Ramp	1.45	1.94	37.23	6.25	12269	8778	0.1094	0.1011	0.0439	0.0021	0.0275	0.0699	0.0092	0.0047	0.0009	0.0570	0.2938
123	2025	ALT1	EB	MD	Ramp	0.96	1.29	26.40	4.17	8336	5928	0.0698	0.0645	0.0294	0.0014	0.0167	0.0435	0.0062	0.0031	0.0006	0.0348	0.1716
124	2025	ALT1	EB	MD	Ramp	0.17	0.24	2.13	0.31	1027	711	0.0098	0.0090	0.0052	0.0002	0.0028	0.0074	0.0011	0.0007	0.0001	0.0016	0.0288
125	2025	ALT1	EB	MD	Ramp	0.13	0.18	2.70	0.42	994	701	0.0087	0.0080	0.0040	0.0002	0.0022	0.0057	0.0008	0.0005	0.0001	0.0033	0.0223
126	2025	ALT1	EB	MD	Ramp	0.07	0.10	1.32	0.18	502	350	0.0041	0.0038	0.0021	0.0001	0.0010	0.0028	0.0005	0.0003	0.0000	0.0011	0.0099
127	2025	ALT1	EB	MD	Ramp	0.35	0.48	4.87	0.81	2163	1518	0.0204	0.0189	0.0106	0.0005	0.0075	0.0185	0.0022	0.0013	0.0002	0.0055	0.0841
128	2025	ALT1	EB	MD	Ramp	0.03	0.04	0.61	0.07	215	147	0.0015	0.0014	0.0009	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0002	0.0012
129	2025	ALT1	EB	MD	Ramp	0.21	0.28	4.63	0.70	1647	1160	0.0139	0.0129	0.0064	0.0003	0.0031	0.0084	0.0014	0.0008	0.0001	0.0052	0.0296
130	2025	ALT1	EB	MD	Ramp	0.09	0.13	2.65	0.35	799	557	0.0056	0.0051	0.0029	0.0001	0.0011	0.0032	0.0006	0.0003	0.0001	0.0019	0.0092
131	2025	ALT1	EB	MD	Ramp	0.23	0.31	5.60	0.87	1892	1339	0.0160	0.0148	0.0071	0.0003	0.0037	0.0099	0.0015	0.0008	0.0001	0.0069	0.0376
132	2025	ALT1	EB	MD	Ramp	0.07	0.10	2.03	0.26	608	423	0.0041	0.0038	0.0022	0.0001	0.0008	0.0024	0.0005	0.0003	0.0000	0.0013	0.0062
133	2025	ALT1	EB	MD	Ramp	0.30	0.41	6.87	0.95	2388	1666	0.0188	0.0174	0.0093	0.0005	0.0037	0.0108	0.0020	0.0012	0.0002	0.0058	0.0324
134	2025	ALT1	EB	MD	Ramp	0.50	0.68	14.05	2.05	4342	3059	0.0335	0.0310	0.0155	0.0008	0.0074	0.0203	0.0033	0.0017	0.0003	0.0145	0.0713
135	2025	ALT1	EB	MD	Ramp	0.27	0.37	5.71	0.88	2077	1464	0.0179	0.0165	0.0083	0.0004	0.0042	0.0114	0.0018	0.0010	0.0002	0.0066	0.0426
136	2025	ALT1	EB	MD	Ramp	0.04	0.06	0.89	0.11	324	224	0.0025	0.0023	0.0013	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0005	0.0038
137	2025	ALT1	EB	MD	Ramp	1.45	1.86	27.97	8.52	11758	9033	0.1667	0.1536	0.0407	0.0015	0.0548	0.1201	0.0074	0.0034	0.0010	0.1305	0.6881
138	2025	ALT1	EB	MD	Ramp	0.18	0.26	2.30	0.35	1109	769	0.0106	0.0098	0.0057	0.0003	0.0032	0.0083	0.0012	0.0008	0.0001	0.0018	0.0337
139	2025	ALT1	EB	MD	Ramp	0.11	0.16	2.41	0.31	878	607	0.0068	0.0063	0.0036	0.0002	0.0013	0.0040	0.0008	0.0005	0.0001	0.0015	0.0112
140	2025	ALT1	EB	MD	Ramp	0.31	0.43	5.31	0.73	2138	1483	0.0180	0.0167	0.0096	0.0005	0.0045	0.0124	0.0020	0.0013	0.0002	0.0039	0.0438
141	2025	ALT1	EB	MD	Ramp	0.03	0.04	0.79	0.10	229	158	0.0014	0.0013	0.0008	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0004	0.0016
142	2025	ALT1	EB	MD	Ramp	0.10	0.14	2.88	0.37	892	619	0.0062	0.0057	0.0033	0.0002	0.0011	0.0035	0.0007	0.0004	0.0001	0.0018	0.0090
143	2025	ALT1	EB	MD	Ramp	0.07	0.10	2.19	0.27	637	440	0.0040	0.0037	0.0023	0.0001	0.0007	0.0022	0.0005	0.0003	0.0000	0.0010	0.0047
144	2025	ALT1	EB	MD	HOV	0.15	0.19	4.32	0.53	1222	832	0.0052	0.0048	0.0046	0.0002	0.0009	0.0035	0.0010	0.0004	0.0001	0.0006	0.0011
145	2025	ALT1	EB	MD	HOV	0.39	0.50	11.41	1.39	3225	2197	0.0137	0.0127	0.0121	0.0006	0.0023	0.0092	0.0028	0.0011	0.0002	0.0015	0.0030
146	2025	ALT1	EB	MD	HOV	0.02	0.02	0.49	0.06	139	95	0.0006	0.0005	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
147	2025	ALT1	EB	MD	HOV	0.33	0.42	9.65	1.17	2727	1857	0.0116	0.0107	0.0102	0.0005	0.0020	0.0078	0.0023	0.0009	0.0001	0.0013	0.0025
148	2025	ALT1	EB	MD	HOV	0.12	0.15	3.51	0.43	992	675	0.0042	0.0039	0.0037	0.0002	0.0007	0.0028	0.0009	0.0003	0.0000	0.0005	0.0009
149	2025	ALT1	EB	MD	HOV	0.20	0.27	6.23	0.75	1737	1183	0.0074	0.0069	0.0064	0.0003	0.0012	0.0049	0.0015	0.0006	0.0001	0.0008	0.0016

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
150	2025	ALT1	EB	MD	HOV	0.29	0.37	8.69	1.04	2421	1649	0.0103	0.0096	0.0090	0.0005	0.0017	0.0068	0.0020	0.0008	0.0001	0.0011	0.0023
151	2025	ALT1	EB	MD	HOV	0.38	0.50	11.73	1.41	3269	2227	0.0139	0.0129	0.0121	0.0007	0.0023	0.0092	0.0028	0.0011	0.0002	0.0015	0.0031
152	2025	ALT1	EB	MD	HOV	0.31	0.40	9.30	1.12	2593	1766	0.0111	0.0102	0.0096	0.0005	0.0018	0.0073	0.0022	0.0009	0.0001	0.0012	0.0024
153	2025	ALT1	EB	MD	HOV	0.13	0.17	3.82	0.47	1083	738	0.0046	0.0043	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0010
154	2025	ALT1	EB	MD	HOV	0.25	0.32	7.31	0.89	2071	1411	0.0088	0.0082	0.0078	0.0004	0.0015	0.0059	0.0018	0.0007	0.0001	0.0010	0.0019
155	2025	ALT1	EB	MD	HOV	0.18	0.24	5.43	0.66	1539	1048	0.0065	0.0061	0.0058	0.0003	0.0011	0.0044	0.0013	0.0005	0.0001	0.0007	0.0014
156	2025	ALT1	EB	MD	HOV	0.15	0.19	4.27	0.52	1211	825	0.0051	0.0048	0.0046	0.0002	0.0009	0.0035	0.0010	0.0004	0.0001	0.0006	0.0011
157	2025	ALT1	EB	MD	HOV	0.26	0.33	7.52	0.92	2130	1451	0.0091	0.0084	0.0080	0.0004	0.0015	0.0061	0.0018	0.0007	0.0001	0.0010	0.0020
158	2025	ALT1	EB	MD	HOV	0.29	0.38	8.67	1.06	2455	1672	0.0104	0.0097	0.0092	0.0005	0.0018	0.0070	0.0021	0.0008	0.0001	0.0012	0.0023
159	2025	ALT1	EB	MD	HOV	0.21	0.29	7.13	0.78	1910	1301	0.0092	0.0085	0.0067	0.0004	0.0012	0.0051	0.0015	0.0007	0.0001	0.0008	0.0022
160	2025	ALT1	EB	MD	HOV	0.39	0.54	13.28	1.45	3560	2424	0.0172	0.0159	0.0125	0.0007	0.0023	0.0094	0.0028	0.0014	0.0002	0.0015	0.0040
161	2025	ALT1	EB	MD	HOV																	
162	2025	ALT1	EB	MD	HOV																	
163	2025	ALT1	EB	MD	HOV																	
164	2025	ALT1	EB	MD	HOV																	
165	2025	ALT1	EB	MD	HOV																	
166	2025	ALT1	EB	MD	HOV																	
167	2025	ALT1	EB	MD	HOV																	
168	2025	ALT1	EB	MD	HOV																	
169	2025	ALT1	EB	MD	HOV																	
170	2025	ALT1	EB	MD	HOV																	
171	2025	ALT1	EB	MD	HOV																	
172	2025	ALT1	EB	MD	HOV																	
173	2025	ALT1	EB	MD	HOV																	
174	2025	ALT1	EB	MD	HOV																	
175	2025	ALT1	EB	MD	HOV																	
176	2025	ALT1	EB	MD	HOV																	
177	2025	ALT1	EB	MD	HOV																	
178	2025	ALT1	EB	MD	HOV																	
179	2025	ALT1	EB	MD	HOV																	
180	2025	ALT1	EB	MD	HOV																	
181	2025	ALT1	EB	MD	HOV																	
182	2025	ALT1	EB	MD	HOV																	
183	2025	ALT1	EB	MD	HOV																	
184	2025	ALT1	EB	MD	HOV																	
185	2025	ALT1	EB	MD	HOV																	
186	2025	ALT1	EB	MD	HOV																	
187	2025	ALT1	EB	MD	HOV																	
188	2025	ALT1	EB	MD	HOV																	
189	2025	ALT1	EB	MD	HOV																	
190	2025	ALT1	EB	MD	HOV																	
191	2025	ALT1	EB	MD	HOV																	
192	2025	ALT1	EB	MD	HOV																	
193	2025	ALT1	EB	MD	HOV																	
194	2025	ALT1	EB	MD	HOV																	
195	2025	ALT1	EB	MD	HOV																	
196	2025	ALT1	EB	MD	HOV																	
197	2025	ALT1	EB	MD	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley I+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
198	2025	ALT1	EB	MD	HOV																	
199	2025	ALT1	EB	MD	HOV																	
200	2025	ALT1	EB	MD	HOV																	
201	2025	ALT1	EB	MD	HOV																	
202	2025	ALT1	EB	MD	HOV																	
203	2025	ALT1	EB	MD	HOV																	
204	2025	ALT1	EB	MD	HOV																	
205	2025	ALT1	EB	MD	HOV																	
206	2025	ALT1	EB	MD	HOV																	
207	2025	ALT1	EB	MD	HOV																	
208	2025	ALT1	EB	MD	HOV																	
209	2025	ALT1	EB	MD	HOV																	
210	2025	ALT1	EB	MD	HOV																	
211	2025	ALT1	EB	MD	HOV																	
212	2025	ALT1	EB	MD	HOV																	
213	2025	ALT1	EB	MD	HOV																	
214	2025	ALT1	EB	MD	HOV																	
215	2025	ALT1	EB	MD	HOV																	
1	2025	ALT1	EB	PM	Mainline	1.21	1.59	32.26	5.91	10508	7614	0.1027	0.0948	0.0361	0.0016	0.0263	0.0643	0.0074	0.0035	0.0008	0.0637	0.2925
2	2025	ALT1	EB	PM	Mainline	2.52	3.26	69.84	13.60	22673	16525	0.2512	0.2317	0.0752	0.0034	0.0538	0.1318	0.0156	0.0066	0.0017	0.1791	0.5872
3	2025	ALT1	EB	PM	Mainline	0.11	0.15	3.02	0.60	1012	736	0.0123	0.0113	0.0034	0.0002	0.0021	0.0054	0.0007	0.0003	0.0001	0.0092	0.0221
4	2025	ALT1	EB	PM	Mainline	2.06	2.65	56.29	11.28	18520	13527	0.2150	0.1982	0.0613	0.0028	0.0438	0.1072	0.0127	0.0052	0.0014	0.1578	0.4763
5	2025	ALT1	EB	PM	Mainline	0.81	1.04	21.29	4.29	7172	5216	0.0880	0.0811	0.0243	0.0011	0.0152	0.0383	0.0052	0.0020	0.0006	0.0665	0.1562
6	2025	ALT1	EB	PM	Mainline	1.22	1.56	32.34	6.65	10882	7954	0.1349	0.1243	0.0363	0.0017	0.0249	0.0615	0.0076	0.0030	0.0008	0.1024	0.2660
7	2025	ALT1	EB	PM	Mainline	1.97	2.57	54.16	10.40	17570	12811	0.1858	0.1714	0.0586	0.0026	0.0444	0.1075	0.0120	0.0053	0.0013	0.1270	0.4957
8	2025	ALT1	EB	PM	Mainline	2.26	2.90	60.04	12.56	20288	14873	0.2544	0.2345	0.0672	0.0031	0.0482	0.1180	0.0140	0.0056	0.0016	0.1941	0.5244
9	2025	ALT1	EB	PM	Mainline	1.95	2.52	53.49	10.63	17513	12805	0.1978	0.1824	0.0579	0.0026	0.0434	0.1052	0.0119	0.0050	0.0013	0.1425	0.4808
10	2025	ALT1	EB	PM	Mainline	0.57	0.72	14.19	3.15	5018	3689	0.0705	0.0649	0.0169	0.0008	0.0116	0.0287	0.0036	0.0013	0.0004	0.0561	0.1238
11	2025	ALT1	EB	PM	Mainline	1.15	1.46	30.29	6.34	10257	7516	0.1294	0.1193	0.0341	0.0016	0.0242	0.0593	0.0071	0.0028	0.0008	0.0990	0.2615
12	2025	ALT1	EB	PM	Mainline	0.82	1.04	20.87	4.45	7214	5283	0.0956	0.0881	0.0243	0.0011	0.0163	0.0405	0.0051	0.0019	0.0006	0.0746	0.1722
13	2025	ALT1	EB	PM	Mainline	0.80	1.01	18.54	3.94	6648	4829	0.0909	0.0838	0.0240	0.0011	0.0132	0.0345	0.0052	0.0018	0.0005	0.0712	0.1280
14	2025	ALT1	EB	PM	Mainline	1.21	1.53	29.11	6.31	10353	7555	0.1429	0.1317	0.0362	0.0017	0.0218	0.0556	0.0077	0.0028	0.0009	0.1127	0.2203
15	2025	ALT1	EB	PM	Mainline	1.50	1.92	40.10	8.01	13354	9719	0.1601	0.1476	0.0449	0.0021	0.0290	0.0726	0.0095	0.0037	0.0010	0.1197	0.3030
16	2025	ALT1	EB	PM	Mainline	0.87	1.12	23.47	4.66	7767	5653	0.0917	0.0845	0.0260	0.0012	0.0171	0.0426	0.0055	0.0022	0.0006	0.0680	0.1798
17	2025	ALT1	EB	PM	Mainline	1.50	1.94	41.43	8.08	13464	9813	0.1498	0.1382	0.0447	0.0020	0.0318	0.0779	0.0093	0.0039	0.0010	0.1072	0.3461
18	2025	ALT1	EB	PM	Mainline	1.73	2.30	46.57	7.90	14944	10720	0.1343	0.1241	0.0522	0.0024	0.0337	0.0848	0.0109	0.0054	0.0011	0.0746	0.3615
19	2025	ALT1	EB	PM	Mainline	1.05	1.37	30.42	5.32	9441	6788	0.0912	0.0841	0.0317	0.0015	0.0192	0.0490	0.0067	0.0029	0.0006	0.0593	0.1979
20	2025	ALT1	EB	PM	Mainline	2.58	3.41	73.44	12.29	22819	16357	0.2039	0.1882	0.0780	0.0036	0.0486	0.1233	0.0164	0.0077	0.0016	0.1182	0.5127
21	2025	ALT1	EB	PM	Mainline	0.25	0.32	7.12	1.22	2196	1575	0.0208	0.0192	0.0074	0.0004	0.0043	0.0110	0.0016	0.0007	0.0001	0.0134	0.0432
22	2025	ALT1	EB	PM	Mainline	0.91	1.17	25.44	4.32	7974	5676	0.0756	0.0698	0.0278	0.0014	0.0132	0.0360	0.0060	0.0024	0.0005	0.0496	0.1195
23	2025	ALT1	EB	PM	Mainline	0.97	1.26	27.68	4.62	8565	6091	0.0787	0.0726	0.0297	0.0015	0.0142	0.0386	0.0065	0.0026	0.0006	0.0502	0.1291
24	2025	ALT1	EB	PM	Mainline	0.86	1.10	22.92	3.87	7300	5172	0.0678	0.0626	0.0263	0.0013	0.0112	0.0315	0.0058	0.0022	0.0005	0.0438	0.0936
25	2025	ALT1	EB	PM	Mainline	0.54	0.70	15.80	2.55	4771	3383	0.0410	0.0379	0.0164	0.0008	0.0077	0.0212	0.0036	0.0015	0.0003	0.0247	0.0707
26	2025	ALT1	EB	PM	Mainline	4.67	6.09	139.58	21.88	41578	29411	0.3423	0.3160	0.1428	0.0070	0.0656	0.1810	0.0311	0.0131	0.0026	0.1967	0.5910
27	2025	ALT1	EB	PM	Mainline	3.79	4.85	100.38	16.67	31889	22529	0.2867	0.2646	0.1160	0.0058	0.0469	0.1345	0.0256	0.0096	0.0021	0.1806	0.3780
28	2025	ALT1	EB	PM	Mainline	2.15	2.76	58.65	9.58	18337	12955	0.1614	0.1489	0.0657	0.0033	0.0271	0.0773	0.0145	0.0055	0.0012	0.1001	0.2229
29	2025	ALT1	EB	PM	Mainline	1.46	1.87	38.97	6.40	12308	8686	0.1084	0.1001	0.0447	0.0023	0.0178	0.0514	0.0099	0.0037	0.0008	0.0673	0.1423
30	2025	ALT1	EB	PM	Mainline	2.58	3.30	65.25	10.92	21182	14939	0.1921	0.1772	0.0793	0.0040	0.0303	0.0885	0.0176	0.0063	0.0014	0.1217	0.2312

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
31	2025	ALT1	EB	PM	Mainline	1.83	2.34	48.07	7.95	15307	10799	0.1359	0.1254	0.0561	0.0028	0.0220	0.0638	0.0124	0.0046	0.0010	0.0848	0.1732
32	2025	ALT1	EB	PM	Mainline	1.89	2.44	53.49	8.65	16451	11637	0.1433	0.1323	0.0578	0.0029	0.0249	0.0701	0.0127	0.0050	0.0011	0.0882	0.2128
33	2025	ALT1	EB	PM	Mainline	1.76	2.27	49.16	7.97	15223	10758	0.1327	0.1224	0.0540	0.0027	0.0227	0.0643	0.0119	0.0046	0.0010	0.0817	0.1897
34	2025	ALT1	EB	PM	Mainline	2.04	2.63	56.48	9.35	17634	12494	0.1595	0.1471	0.0624	0.0031	0.0272	0.0762	0.0137	0.0053	0.0012	0.1009	0.2337
35	2025	ALT1	EB	PM	Mainline	1.14	1.46	29.78	4.97	9518	6723	0.0860	0.0794	0.0349	0.0018	0.0139	0.0401	0.0077	0.0029	0.0006	0.0544	0.1109
36	2025	ALT1	EB	PM	Mainline	1.36	1.74	35.68	5.96	11404	8054	0.1031	0.0951	0.0418	0.0021	0.0167	0.0480	0.0092	0.0034	0.0007	0.0652	0.1328
37	2025	ALT1	EB	PM	Mainline	1.83	2.35	48.05	8.02	15360	10848	0.1388	0.1281	0.0562	0.0028	0.0224	0.0647	0.0124	0.0046	0.0010	0.0878	0.1789
38	2025	ALT1	EB	PM	Mainline	2.67	3.43	71.66	12.00	22723	16086	0.2083	0.1922	0.0818	0.0041	0.0344	0.0975	0.0180	0.0068	0.0015	0.1331	0.2871
39	2025	ALT1	EB	PM	Mainline	2.86	3.65	71.84	12.21	23481	16590	0.2194	0.2025	0.0878	0.0044	0.0343	0.0996	0.0195	0.0070	0.0016	0.1419	0.2679
40	2025	ALT1	EB	PM	Mainline	1.95	2.48	46.93	8.05	15652	11059	0.1503	0.1387	0.0598	0.0030	0.0229	0.0668	0.0133	0.0047	0.0011	0.0989	0.1743
41	2025	ALT1	EB	PM	Mainline	0.72	0.91	17.88	3.01	5840	4121	0.0538	0.0496	0.0219	0.0011	0.0084	0.0246	0.0049	0.0017	0.0004	0.0344	0.0644
42	2025	ALT1	EB	PM	Mainline	2.05	2.63	54.19	9.12	17309	12247	0.1595	0.1471	0.0629	0.0032	0.0260	0.0740	0.0139	0.0052	0.0011	0.1022	0.2131
43	2025	ALT1	EB	PM	Mainline	0.92	1.17	22.55	3.83	7443	5254	0.0697	0.0643	0.0282	0.0014	0.0108	0.0315	0.0063	0.0022	0.0005	0.0451	0.0818
44	2025	ALT1	EB	PM	Mainline	1.31	1.68	35.70	5.87	11187	7911	0.0997	0.0920	0.0400	0.0020	0.0167	0.0475	0.0088	0.0034	0.0007	0.0625	0.1393
45	2025	ALT1	EB	PM	Mainline	0.64	0.82	16.07	2.71	5252	3706	0.0484	0.0447	0.0197	0.0010	0.0076	0.0221	0.0044	0.0016	0.0003	0.0310	0.0579
46	2025	ALT1	EB	PM	Mainline	1.67	2.14	44.98	7.43	14175	10019	0.1267	0.1169	0.0511	0.0026	0.0210	0.0600	0.0113	0.0043	0.0009	0.0795	0.1725
47	2025	ALT1	EB	PM	Mainline	0.10	0.13	2.52	0.42	822	579	0.0074	0.0069	0.0031	0.0002	0.0012	0.0034	0.0007	0.0002	0.0001	0.0047	0.0088
48	2025	ALT1	EB	PM	Mainline	2.13	2.72	52.27	8.77	17204	12128	0.1578	0.1456	0.0655	0.0033	0.0244	0.0720	0.0146	0.0052	0.0011	0.1007	0.1818
49	2025	ALT1	EB	PM	Mainline	0.17	0.21	4.29	0.71	1378	971	0.0123	0.0113	0.0051	0.0003	0.0020	0.0057	0.0011	0.0004	0.0001	0.0077	0.0151
50	2025	ALT1	EB	PM	Mainline	2.65	3.38	66.97	11.28	21755	15357	0.1996	0.1841	0.0811	0.0041	0.0314	0.0915	0.0180	0.0065	0.0014	0.1275	0.2436
51	2025	ALT1	EB	PM	Mainline	0.40	0.51	11.05	1.77	3408	2403	0.0289	0.0267	0.0121	0.0006	0.0049	0.0141	0.0027	0.0010	0.0002	0.0174	0.0401
52	2025	ALT1	EB	PM	Mainline	0.54	0.70	15.57	2.48	4750	3354	0.0402	0.0371	0.0167	0.0008	0.0070	0.0200	0.0037	0.0014	0.0003	0.0241	0.0594
53	2025	ALT1	EB	PM	Mainline	0.42	0.55	12.50	1.96	3727	2637	0.0308	0.0284	0.0128	0.0006	0.0059	0.0162	0.0028	0.0012	0.0002	0.0177	0.0531
54	2025	ALT1	EB	PM	Mainline	2.72	3.64	80.03	11.74	24016	16938	0.1845	0.1705	0.0837	0.0041	0.0405	0.1103	0.0180	0.0088	0.0016	0.0861	0.3852
55	2025	ALT1	EB	PM	Mainline	1.08	1.41	32.50	5.03	9633	6801	0.0774	0.0715	0.0332	0.0016	0.0147	0.0411	0.0072	0.0030	0.0006	0.0435	0.1297
56	2025	ALT1	EB	PM	Mainline	1.59	2.12	48.20	7.11	14209	10027	0.1091	0.1008	0.0489	0.0024	0.0234	0.0639	0.0105	0.0049	0.0009	0.0537	0.2203
57	2025	ALT1	EB	PM	Mainline	0.85	1.09	22.24	3.64	7066	4977	0.0614	0.0567	0.0260	0.0013	0.0099	0.0291	0.0058	0.0021	0.0005	0.0377	0.0763
58	2025	ALT1	EB	PM	Mainline	2.80	3.63	80.85	12.71	24487	17273	0.2027	0.1872	0.0859	0.0043	0.0359	0.1021	0.0189	0.0075	0.0016	0.1191	0.3016
59	2025	ALT1	EB	PM	Mainline	0.75	0.96	20.62	3.26	6372	4482	0.0526	0.0486	0.0230	0.0012	0.0088	0.0258	0.0051	0.0019	0.0004	0.0310	0.0689
60	2025	ALT1	EB	PM	Mainline	3.12	4.10	95.51	14.22	27890	19632	0.2131	0.1968	0.0959	0.0048	0.0413	0.1165	0.0209	0.0091	0.0017	0.1119	0.3601
61	2025	ALT1	EB	PM	Mainline	0.71	0.92	19.94	3.10	6107	4290	0.0491	0.0453	0.0220	0.0011	0.0083	0.0244	0.0049	0.0019	0.0004	0.0282	0.0640
62	2025	ALT1	EB	PM	Mainline	1.59	2.03	41.04	6.61	13063	9173	0.1093	0.1009	0.0488	0.0025	0.0175	0.0524	0.0109	0.0040	0.0008	0.0651	0.1269
63	2025	ALT1	EB	PM	Mainline	0.61	0.78	15.57	2.57	5016	3533	0.0443	0.0408	0.0187	0.0009	0.0070	0.0207	0.0042	0.0015	0.0003	0.0275	0.0529
64	2025	ALT1	EB	PM	Mainline	1.97	2.53	51.76	8.52	16475	11614	0.1449	0.1337	0.0606	0.0031	0.0234	0.0683	0.0134	0.0050	0.0011	0.0898	0.1822
65	2025	ALT1	EB	PM	Mainline	0.63	0.81	17.39	2.76	5365	3777	0.0446	0.0412	0.0193	0.0010	0.0075	0.0219	0.0043	0.0016	0.0003	0.0264	0.0596
66	2025	ALT1	EB	PM	Mainline	0.20	0.26	5.69	0.95	1753	1248	0.0161	0.0149	0.0060	0.0003	0.0030	0.0081	0.0013	0.0005	0.0001	0.0103	0.0280
67	2025	ALT1	EB	PM	Mainline	1.57	2.05	46.29	7.64	14046	10028	0.1256	0.1159	0.0475	0.0023	0.0261	0.0684	0.0102	0.0044	0.0009	0.0768	0.2592
68	2025	ALT1	EB	PM	Mainline	1.13	1.45	31.09	5.35	9827	7001	0.0951	0.0878	0.0344	0.0017	0.0164	0.0446	0.0075	0.0029	0.0007	0.0631	0.1484
69	2025	ALT1	EB	PM	Mainline	2.72	3.52	78.24	13.46	24226	17328	0.2306	0.2128	0.0825	0.0040	0.0443	0.1166	0.0177	0.0073	0.0016	0.1501	0.4316
70	2025	ALT1	EB	PM	Mainline	1.86	2.37	44.69	8.15	15168	10802	0.1627	0.1501	0.0569	0.0028	0.0244	0.0687	0.0125	0.0044	0.0011	0.1142	0.2042
71	2025	ALT1	EB	PM	Mainline	2.27	2.90	57.18	10.65	19127	13685	0.2094	0.1931	0.0691	0.0034	0.0328	0.0893	0.0151	0.0055	0.0014	0.1490	0.2934
72	2025	ALT1	EB	PM	Mainline	2.51	3.18	57.11	10.52	19869	14143	0.2200	0.2028	0.0766	0.0038	0.0317	0.0901	0.0170	0.0058	0.0014	0.1566	0.2557
73	2025	ALT1	EB	PM	Ramp	0.14	0.20	2.47	0.33	1007	697	0.0085	0.0078	0.0046	0.0002	0.0020	0.0056	0.0010	0.0006	0.0001	0.0016	0.0183
74	2025	ALT1	EB	PM	Ramp	0.08	0.11	1.28	0.21	523	368	0.0048	0.0044	0.0024	0.0001	0.0016	0.0040	0.0005	0.0003	0.0000	0.0015	0.0175
75	2025	ALT1	EB	PM	Ramp	0.12	0.18	1.88	0.27	818	568	0.0073	0.0068	0.0039	0.0002	0.0020	0.0054	0.0008	0.0005	0.0001	0.0014	0.0204
76	2025	ALT1	EB	PM	Ramp	0.15	0.21	2.38	0.34	1015	705	0.0090	0.0083	0.0048	0.0002	0.0024	0.0065	0.0010	0.0006	0.0001	0.0018	0.0244
77	2025	ALT1	EB	PM	Ramp	0.20	0.29	2.71	0.37	1280	882	0.0118	0.0110	0.0063	0.0003	0.0027	0.0078	0.0014	0.0009	0.0001	0.0016	0.0258
78	2025	ALT1	EB	PM	Ramp	0.13	0.18	1.72	0.30	789	555	0.0077	0.0071	0.0040	0.0002	0.0031	0.0075	0.0008	0.0005	0.0001	0.0021	0.0357

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
79	2025	ALT1	EB	PM	Ramp	0.24	0.35	2.90	0.40	1499	1033	0.0147	0.0136	0.0078	0.0004	0.0036	0.0099	0.0017	0.0011	0.0002	0.0017	0.0351
80	2025	ALT1	EB	PM	Ramp	0.22	0.31	3.76	0.52	1521	1057	0.0129	0.0120	0.0068	0.0003	0.0033	0.0091	0.0015	0.0009	0.0001	0.0028	0.0327
81	2025	ALT1	EB	PM	Ramp	0.28	0.39	6.53	0.88	2259	1573	0.0175	0.0162	0.0088	0.0004	0.0033	0.0098	0.0019	0.0011	0.0002	0.0050	0.0278
82	2025	ALT1	EB	PM	Ramp	0.13	0.19	2.88	0.36	1039	718	0.0079	0.0073	0.0043	0.0002	0.0015	0.0046	0.0009	0.0006	0.0001	0.0017	0.0122
83	2025	ALT1	EB	PM	Ramp	0.03	0.04	0.70	0.13	240	174	0.0024	0.0022	0.0009	0.0000	0.0007	0.0016	0.0002	0.0001	0.0000	0.0014	0.0075
84	2025	ALT1	EB	PM	Ramp	0.07	0.09	1.93	0.25	590	410	0.0041	0.0038	0.0021	0.0001	0.0008	0.0024	0.0005	0.0002	0.0000	0.0013	0.0064
85	2025	ALT1	EB	PM	Ramp	0.12	0.16	3.35	0.49	1020	719	0.0078	0.0072	0.0036	0.0002	0.0017	0.0047	0.0008	0.0004	0.0001	0.0035	0.0164
86	2025	ALT1	EB	PM	Ramp	0.27	0.38	5.35	0.77	2023	1415	0.0170	0.0157	0.0085	0.0004	0.0043	0.0117	0.0018	0.0011	0.0002	0.0051	0.0435
87	2025	ALT1	EB	PM	Ramp	0.09	0.12	1.69	0.22	645	447	0.0052	0.0048	0.0028	0.0001	0.0012	0.0034	0.0006	0.0004	0.0001	0.0012	0.0111
88	2025	ALT1	EB	PM	Ramp	0.08	0.11	1.83	0.31	643	460	0.0059	0.0055	0.0024	0.0001	0.0015	0.0038	0.0005	0.0003	0.0001	0.0029	0.0161
89	2025	ALT1	EB	PM	Ramp	0.04	0.05	0.75	0.10	285	198	0.0023	0.0022	0.0012	0.0001	0.0006	0.0015	0.0003	0.0002	0.0000	0.0006	0.0053
90	2025	ALT1	EB	PM	Ramp	0.21	0.30	3.21	0.49	1385	967	0.0126	0.0117	0.0066	0.0003	0.0040	0.0103	0.0014	0.0008	0.0001	0.0031	0.0435
91	2025	ALT1	EB	PM	Ramp	0.10	0.13	2.15	0.42	781	566	0.0079	0.0073	0.0029	0.0001	0.0022	0.0053	0.0006	0.0003	0.0001	0.0044	0.0249
92	2025	ALT1	EB	PM	Ramp	0.25	0.35	3.10	0.49	1506	1049	0.0147	0.0136	0.0078	0.0004	0.0050	0.0127	0.0016	0.0010	0.0002	0.0028	0.0552
93	2025	ALT1	EB	PM	Ramp	1.58	2.10	36.39	7.29	13030	9505	0.1349	0.1246	0.0471	0.0021	0.0384	0.0918	0.0095	0.0048	0.0010	0.0814	0.4426
94	2025	ALT1	EB	PM	Ramp	0.53	0.72	11.21	1.87	4132	2938	0.0377	0.0349	0.0162	0.0008	0.0094	0.0244	0.0034	0.0019	0.0003	0.0163	0.0991
95	2025	ALT1	EB	PM	Ramp	0.24	0.34	3.51	0.52	1551	1077	0.0141	0.0130	0.0075	0.0004	0.0040	0.0107	0.0016	0.0010	0.0002	0.0028	0.0418
96	2025	ALT1	EB	PM	Ramp	0.11	0.15	3.48	0.46	999	696	0.0067	0.0062	0.0035	0.0002	0.0013	0.0039	0.0008	0.0004	0.0001	0.0026	0.0108
97	2025	ALT1	EB	PM	Ramp	0.05	0.06	1.06	0.25	400	298	0.0048	0.0044	0.0014	0.0001	0.0014	0.0033	0.0003	0.0001	0.0000	0.0033	0.0175
98	2025	ALT1	EB	PM	Ramp	0.08	0.11	2.21	0.34	709	502	0.0058	0.0053	0.0026	0.0001	0.0013	0.0036	0.0005	0.0003	0.0001	0.0026	0.0133
99	2025	ALT1	EB	PM	Ramp	0.13	0.18	3.49	0.52	1119	790	0.0090	0.0083	0.0041	0.0002	0.0020	0.0055	0.0009	0.0005	0.0001	0.0039	0.0201
100	2025	ALT1	EB	PM	Ramp	0.21	0.28	5.60	0.77	1760	1231	0.0131	0.0121	0.0064	0.0003	0.0027	0.0077	0.0014	0.0007	0.0001	0.0047	0.0241
101	2025	ALT1	EB	PM	Ramp	0.09	0.11	2.54	0.36	755	530	0.0055	0.0051	0.0026	0.0001	0.0012	0.0033	0.0006	0.0003	0.0000	0.0024	0.0107
102	2025	ALT1	EB	PM	Ramp	0.06	0.08	1.66	0.23	501	350	0.0036	0.0033	0.0018	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0013	0.0065
103	2025	ALT1	EB	PM	Ramp	0.05	0.07	1.53	0.19	443	306	0.0028	0.0026	0.0016	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0008	0.0035
104	2025	ALT1	EB	PM	Ramp	0.10	0.14	2.26	0.30	805	558	0.0062	0.0058	0.0033	0.0002	0.0012	0.0037	0.0007	0.0004	0.0001	0.0016	0.0105
105	2025	ALT1	EB	PM	Ramp	0.16	0.22	3.10	0.41	1169	811	0.0093	0.0086	0.0050	0.0002	0.0020	0.0059	0.0011	0.0006	0.0001	0.0021	0.0185
106	2025	ALT1	EB	PM	Ramp	0.04	0.05	0.49	0.06	235	161	0.0022	0.0020	0.0012	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0002	0.0036
107	2025	ALT1	EB	PM	Ramp																	
108	2025	ALT1	EB	PM	Ramp																	
109	2025	ALT1	EB	PM	Ramp	0.13	0.18	3.27	0.42	1087	754	0.0080	0.0074	0.0042	0.0002	0.0014	0.0044	0.0009	0.0005	0.0001	0.0021	0.0114
110	2025	ALT1	EB	PM	Ramp	0.18	0.26	3.95	0.53	1420	986	0.0111	0.0103	0.0058	0.0003	0.0023	0.0066	0.0013	0.0007	0.0001	0.0028	0.0199
111	2025	ALT1	EB	PM	Ramp	0.05	0.07	1.54	0.21	463	325	0.0034	0.0031	0.0016	0.0001	0.0007	0.0020	0.0004	0.0002	0.0000	0.0014	0.0064
112	2025	ALT1	EB	PM	Ramp	0.20	0.29	4.30	0.54	1568	1082	0.0120	0.0111	0.0065	0.0003	0.0023	0.0069	0.0014	0.0008	0.0001	0.0024	0.0182
113	2025	ALT1	EB	PM	Ramp	0.21	0.29	3.80	0.48	1496	1032	0.0120	0.0112	0.0066	0.0003	0.0024	0.0073	0.0014	0.0009	0.0001	0.0020	0.0209
114	2025	ALT1	EB	PM	Ramp	0.11	0.16	2.29	0.28	839	578	0.0063	0.0059	0.0035	0.0002	0.0011	0.0036	0.0008	0.0005	0.0001	0.0011	0.0087
115	2025	ALT1	EB	PM	Ramp																	
116	2025	ALT1	EB	PM	Ramp	0.08	0.11	1.67	0.21	606	418	0.0046	0.0043	0.0025	0.0001	0.0009	0.0027	0.0005	0.0003	0.0000	0.0009	0.0070
117	2025	ALT1	EB	PM	Ramp	0.07	0.10	1.71	0.24	585	409	0.0046	0.0042	0.0023	0.0001	0.0009	0.0026	0.0005	0.0003	0.0000	0.0015	0.0080
118	2025	ALT1	EB	PM	Ramp	0.10	0.14	2.29	0.27	797	547	0.0057	0.0052	0.0032	0.0002	0.0008	0.0029	0.0007	0.0004	0.0001	0.0009	0.0052
119	2025	ALT1	EB	PM	Ramp	0.10	0.14	2.47	0.34	819	571	0.0062	0.0057	0.0031	0.0002	0.0012	0.0036	0.0007	0.0004	0.0001	0.0019	0.0105
120	2025	ALT1	EB	PM	Ramp	0.06	0.08	1.31	0.16	451	310	0.0032	0.0030	0.0018	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0006	0.0032
121	2025	ALT1	EB	PM	Ramp	0.17	0.23	5.08	0.70	1495	1047	0.0107	0.0099	0.0052	0.0003	0.0022	0.0063	0.0011	0.0006	0.0001	0.0044	0.0196
122	2025	ALT1	EB	PM	Ramp	1.41	1.94	35.23	4.83	11656	8138	0.0888	0.0822	0.0441	0.0022	0.0177	0.0514	0.0096	0.0053	0.0009	0.0289	0.1556
123	2025	ALT1	EB	PM	Ramp	0.63	0.85	17.62	2.68	5490	3886	0.0442	0.0408	0.0194	0.0009	0.0102	0.0272	0.0041	0.0021	0.0004	0.0207	0.1016
124	2025	ALT1	EB	PM	Ramp	0.12	0.18	1.53	0.22	766	529	0.0074	0.0069	0.0039	0.0002	0.0019	0.0053	0.0008	0.0006	0.0001	0.0010	0.0193
125	2025	ALT1	EB	PM	Ramp	0.11	0.15	2.01	0.36	786	562	0.0075	0.0069	0.0033	0.0001	0.0024	0.0059	0.0007	0.0004	0.0001	0.0033	0.0271
126	2025	ALT1	EB	PM	Ramp	0.06	0.09	1.22	0.15	476	327	0.0037	0.0035	0.0021	0.0001	0.0007	0.0021	0.0005	0.0003	0.0000	0.0006	0.0054

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
127	2025	ALT1	EB	PM	Ramp	0.22	0.31	3.30	0.49	1453	1009	0.0131	0.0122	0.0070	0.0003	0.0038	0.0100	0.0015	0.0009	0.0001	0.0026	0.0390
128	2025	ALT1	EB	PM	Ramp	0.04	0.06	0.82	0.09	304	208	0.0022	0.0021	0.0013	0.0001	0.0003	0.0010	0.0003	0.0002	0.0000	0.0002	0.0011
129	2025	ALT1	EB	PM	Ramp	0.14	0.19	3.16	0.43	1103	768	0.0086	0.0080	0.0043	0.0002	0.0017	0.0049	0.0009	0.0005	0.0001	0.0025	0.0143
130	2025	ALT1	EB	PM	Ramp	0.12	0.17	3.48	0.41	1040	716	0.0065	0.0060	0.0038	0.0002	0.0011	0.0035	0.0008	0.0005	0.0001	0.0014	0.0066
131	2025	ALT1	EB	PM	Ramp	0.15	0.21	3.76	0.55	1246	875	0.0099	0.0092	0.0047	0.0002	0.0021	0.0059	0.0010	0.0005	0.0001	0.0037	0.0203
132	2025	ALT1	EB	PM	Ramp	0.12	0.17	3.54	0.41	1067	733	0.0067	0.0062	0.0039	0.0002	0.0010	0.0035	0.0009	0.0005	0.0001	0.0013	0.0059
133	2025	ALT1	EB	PM	Ramp	0.20	0.28	4.63	0.62	1599	1112	0.0123	0.0114	0.0062	0.0003	0.0023	0.0068	0.0014	0.0008	0.0001	0.0034	0.0189
134	2025	ALT1	EB	PM	Ramp	0.62	0.85	18.26	2.20	5407	3728	0.0340	0.0315	0.0196	0.0010	0.0057	0.0187	0.0043	0.0023	0.0004	0.0080	0.0372
135	2025	ALT1	EB	PM	Ramp	0.20	0.28	4.18	0.58	1533	1068	0.0124	0.0115	0.0063	0.0003	0.0028	0.0078	0.0014	0.0008	0.0001	0.0034	0.0260
136	2025	ALT1	EB	PM	Ramp	0.06	0.09	1.12	0.13	438	300	0.0034	0.0031	0.0019	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0003	0.0029
137	2025	ALT1	EB	PM	Ramp	1.42	1.88	31.66	6.71	11601	8517	0.1255	0.1158	0.0419	0.0018	0.0369	0.0867	0.0083	0.0042	0.0009	0.0789	0.4320
138	2025	ALT1	EB	PM	Ramp																	
139	2025	ALT1	EB	PM	Ramp	0.10	0.14	2.09	0.25	769	528	0.0057	0.0053	0.0032	0.0002	0.0010	0.0031	0.0007	0.0004	0.0001	0.0009	0.0067
140	2025	ALT1	EB	PM	Ramp	0.31	0.45	4.52	0.58	2082	1427	0.0186	0.0172	0.0100	0.0005	0.0033	0.0103	0.0022	0.0015	0.0002	0.0019	0.0260
141	2025	ALT1	EB	PM	Ramp	0.03	0.04	0.84	0.10	242	166	0.0014	0.0013	0.0009	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0003	0.0011
142	2025	ALT1	EB	PM	Ramp	0.19	0.27	3.83	0.44	1431	981	0.0107	0.0099	0.0061	0.0003	0.0017	0.0056	0.0013	0.0008	0.0001	0.0014	0.0109
143	2025	ALT1	EB	PM	Ramp	0.10	0.14	2.99	0.35	870	598	0.0052	0.0048	0.0031	0.0002	0.0008	0.0028	0.0007	0.0004	0.0001	0.0010	0.0045
144	2025	ALT1	EB	PM	HOV	0.15	0.20	5.01	0.56	1329	905	0.0061	0.0057	0.0047	0.0003	0.0009	0.0035	0.0011	0.0005	0.0001	0.0006	0.0014
145	2025	ALT1	EB	PM	HOV	0.39	0.52	13.23	1.47	3509	2390	0.0161	0.0149	0.0123	0.0007	0.0023	0.0093	0.0028	0.0013	0.0002	0.0015	0.0038
146	2025	ALT1	EB	PM	HOV	0.02	0.02	0.57	0.06	151	103	0.0007	0.0006	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0002
147	2025	ALT1	EB	PM	HOV	0.33	0.44	11.19	1.25	2968	2021	0.0136	0.0126	0.0104	0.0006	0.0020	0.0079	0.0024	0.0011	0.0002	0.0013	0.0032
148	2025	ALT1	EB	PM	HOV	0.12	0.16	4.07	0.45	1079	735	0.0050	0.0046	0.0038	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0012
149	2025	ALT1	EB	PM	HOV	0.20	0.27	6.85	0.76	1820	1240	0.0084	0.0078	0.0064	0.0003	0.0012	0.0048	0.0015	0.0007	0.0001	0.0008	0.0020
150	2025	ALT1	EB	PM	HOV	0.28	0.38	9.55	1.06	2537	1728	0.0117	0.0109	0.0089	0.0005	0.0017	0.0067	0.0020	0.0009	0.0001	0.0011	0.0027
151	2025	ALT1	EB	PM	HOV	0.38	0.51	12.89	1.43	3426	2333	0.0158	0.0147	0.0121	0.0006	0.0023	0.0091	0.0027	0.0013	0.0002	0.0015	0.0037
152	2025	ALT1	EB	PM	HOV	0.30	0.41	10.23	1.14	2717	1851	0.0126	0.0116	0.0096	0.0005	0.0018	0.0072	0.0022	0.0010	0.0001	0.0012	0.0029
153	2025	ALT1	EB	PM	HOV	0.11	0.14	3.58	0.41	959	653	0.0043	0.0040	0.0034	0.0002	0.0006	0.0026	0.0008	0.0003	0.0000	0.0004	0.0010
154	2025	ALT1	EB	PM	HOV	0.21	0.27	6.85	0.79	1835	1250	0.0082	0.0076	0.0065	0.0003	0.0012	0.0049	0.0015	0.0007	0.0001	0.0008	0.0019
155	2025	ALT1	EB	PM	HOV	0.15	0.20	5.09	0.59	1363	929	0.0061	0.0056	0.0049	0.0003	0.0009	0.0037	0.0011	0.0005	0.0001	0.0006	0.0014
156	2025	ALT1	EB	PM	HOV	0.12	0.16	4.00	0.46	1073	731	0.0048	0.0044	0.0038	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0011
157	2025	ALT1	EB	PM	HOV	0.21	0.28	7.05	0.81	1888	1286	0.0084	0.0078	0.0067	0.0004	0.0013	0.0051	0.0015	0.0007	0.0001	0.0008	0.0019
158	2025	ALT1	EB	PM	HOV	0.25	0.33	8.12	0.93	2176	1482	0.0097	0.0090	0.0077	0.0004	0.0015	0.0059	0.0018	0.0008	0.0001	0.0010	0.0022
159	2025	ALT1	EB	PM	HOV	0.23	0.32	6.69	0.71	1977	1346	0.0111	0.0103	0.0073	0.0004	0.0013	0.0054	0.0017	0.0009	0.0001	0.0008	0.0024
160	2025	ALT1	EB	PM	HOV	0.43	0.59	12.47	1.32	3685	2508	0.0208	0.0193	0.0136	0.0007	0.0024	0.0101	0.0031	0.0017	0.0002	0.0015	0.0045
161	2025	ALT1	EB	PM	HOV																	
162	2025	ALT1	EB	PM	HOV																	
163	2025	ALT1	EB	PM	HOV																	
164	2025	ALT1	EB	PM	HOV																	
165	2025	ALT1	EB	PM	HOV																	
166	2025	ALT1	EB	PM	HOV																	
167	2025	ALT1	EB	PM	HOV																	
168	2025	ALT1	EB	PM	HOV																	
169	2025	ALT1	EB	PM	HOV																	
170	2025	ALT1	EB	PM	HOV																	
171	2025	ALT1	EB	PM	HOV																	
172	2025	ALT1	EB	PM	HOV																	
173	2025	ALT1	EB	PM	HOV																	
174	2025	ALT1	EB	PM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
175	2025	ALT1	EB	PM	HOV																	
176	2025	ALT1	EB	PM	HOV																	
177	2025	ALT1	EB	PM	HOV																	
178	2025	ALT1	EB	PM	HOV																	
179	2025	ALT1	EB	PM	HOV																	
180	2025	ALT1	EB	PM	HOV																	
181	2025	ALT1	EB	PM	HOV																	
182	2025	ALT1	EB	PM	HOV																	
183	2025	ALT1	EB	PM	HOV																	
184	2025	ALT1	EB	PM	HOV																	
185	2025	ALT1	EB	PM	HOV																	
186	2025	ALT1	EB	PM	HOV																	
187	2025	ALT1	EB	PM	HOV																	
188	2025	ALT1	EB	PM	HOV																	
189	2025	ALT1	EB	PM	HOV																	
190	2025	ALT1	EB	PM	HOV																	
191	2025	ALT1	EB	PM	HOV																	
192	2025	ALT1	EB	PM	HOV																	
193	2025	ALT1	EB	PM	HOV																	
194	2025	ALT1	EB	PM	HOV																	
195	2025	ALT1	EB	PM	HOV																	
196	2025	ALT1	EB	PM	HOV																	
197	2025	ALT1	EB	PM	HOV																	
198	2025	ALT1	EB	PM	HOV																	
199	2025	ALT1	EB	PM	HOV																	
200	2025	ALT1	EB	PM	HOV																	
201	2025	ALT1	EB	PM	HOV																	
202	2025	ALT1	EB	PM	HOV																	
203	2025	ALT1	EB	PM	HOV																	
204	2025	ALT1	EB	PM	HOV																	
205	2025	ALT1	EB	PM	HOV																	
206	2025	ALT1	EB	PM	HOV																	
207	2025	ALT1	EB	PM	HOV																	
208	2025	ALT1	EB	PM	HOV																	
209	2025	ALT1	EB	PM	HOV																	
210	2025	ALT1	EB	PM	HOV																	
211	2025	ALT1	EB	PM	HOV																	
212	2025	ALT1	EB	PM	HOV																	
213	2025	ALT1	EB	PM	HOV																	
214	2025	ALT1	EB	PM	HOV																	
215	2025	ALT1	EB	PM	HOV																	
1	2025	ALT1	EB	NT	Mainline	1.12	1.37	20.23	8.92	10288	8159	0.3162	0.2911	0.0316	0.0012	0.0370	0.0824	0.0061	0.0021	0.0015	0.2972	0.4475
2	2025	ALT1	EB	NT	Mainline	2.84	3.47	50.73	23.23	26312	20963	0.8337	0.7673	0.0797	0.0030	0.0968	0.2147	0.0152	0.0052	0.0039	0.7867	1.1792
3	2025	ALT1	EB	NT	Mainline	0.13	0.16	2.31	1.03	1179	935	0.0368	0.0339	0.0036	0.0001	0.0042	0.0094	0.0007	0.0002	0.0002	0.0347	0.0510
4	2025	ALT1	EB	NT	Mainline	2.33	2.85	41.30	19.48	21756	17395	0.7052	0.6491	0.0652	0.0024	0.0815	0.1800	0.0123	0.0042	0.0033	0.6674	0.9974
5	2025	ALT1	EB	NT	Mainline	0.92	1.13	16.54	7.30	8414	6668	0.2610	0.2403	0.0260	0.0010	0.0300	0.0670	0.0050	0.0017	0.0012	0.2454	0.3613
6	2025	ALT1	EB	NT	Mainline	1.38	1.68	24.20	11.68	12906	10344	0.4269	0.3929	0.0385	0.0014	0.0488	0.1076	0.0072	0.0025	0.0020	0.4049	0.5993
7	2025	ALT1	EB	NT	Mainline	2.07	2.53	37.20	16.64	19059	15142	0.5926	0.5455	0.0582	0.0022	0.0691	0.1538	0.0111	0.0038	0.0028	0.5579	0.8389

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
8	2025	ALT1	EB	NT	Mainline	2.50	3.05	43.59	21.75	23669	19052	0.8000	0.7363	0.0695	0.0025	0.0916	0.2009	0.0129	0.0044	0.0037	0.7609	1.1319
9	2025	ALT1	EB	NT	Mainline	2.10	2.56	37.15	17.50	19559	15636	0.6332	0.5828	0.0586	0.0022	0.0732	0.1617	0.0111	0.0038	0.0030	0.5992	0.8958
10	2025	ALT1	EB	NT	Mainline	0.63	0.77	10.82	5.71	6059	4910	0.2132	0.1962	0.0174	0.0006	0.0242	0.0527	0.0032	0.0011	0.0010	0.2037	0.3017
11	2025	ALT1	EB	NT	Mainline	1.30	1.58	22.84	11.06	12201	9785	0.4034	0.3712	0.0362	0.0013	0.0464	0.1021	0.0068	0.0023	0.0019	0.3826	0.5702
12	2025	ALT1	EB	NT	Mainline	0.91	1.11	15.87	7.87	8591	6910	0.2895	0.2665	0.0253	0.0009	0.0331	0.0726	0.0047	0.0016	0.0014	0.2753	0.4082
13	2025	ALT1	EB	NT	Mainline	0.77	0.94	13.48	6.38	7111	5680	0.2345	0.2159	0.0216	0.0008	0.0262	0.0582	0.0041	0.0014	0.0011	0.2220	0.3195
14	2025	ALT1	EB	NT	Mainline	1.22	1.48	20.97	10.74	11538	9308	0.4015	0.3695	0.0338	0.0012	0.0449	0.0983	0.0063	0.0021	0.0019	0.3828	0.5543
15	2025	ALT1	EB	NT	Mainline	1.62	1.98	28.88	13.22	14974	11923	0.4767	0.4388	0.0456	0.0017	0.0547	0.1216	0.0087	0.0029	0.0023	0.4498	0.6654
16	2025	ALT1	EB	NT	Mainline	0.94	1.15	16.74	7.63	8664	6896	0.2749	0.2531	0.0264	0.0010	0.0316	0.0702	0.0050	0.0017	0.0013	0.2593	0.3840
17	2025	ALT1	EB	NT	Mainline	1.60	1.95	28.44	13.35	14944	11944	0.4812	0.4429	0.0448	0.0017	0.0560	0.1236	0.0085	0.0029	0.0023	0.4551	0.6851
18	2025	ALT1	EB	NT	Mainline	1.47	1.81	27.50	10.48	13006	10125	0.3561	0.3278	0.0422	0.0017	0.0420	0.0962	0.0084	0.0028	0.0017	0.3289	0.4922
19	2025	ALT1	EB	NT	Mainline	1.10	1.35	20.42	7.76	9658	7511	0.2654	0.2443	0.0316	0.0013	0.0309	0.0710	0.0063	0.0021	0.0013	0.2450	0.3609
20	2025	ALT1	EB	NT	Mainline	2.38	2.93	44.23	17.15	21102	16461	0.5875	0.5409	0.0682	0.0028	0.0690	0.1574	0.0135	0.0045	0.0029	0.5439	0.8103
21	2025	ALT1	EB	NT	Mainline	0.26	0.32	4.83	1.82	2275	1768	0.0620	0.0571	0.0075	0.0003	0.0072	0.0166	0.0015	0.0005	0.0003	0.0572	0.0842
22	2025	ALT1	EB	NT	Mainline	0.89	1.10	17.20	5.28	7397	5597	0.1662	0.1530	0.0261	0.0012	0.0199	0.0479	0.0054	0.0018	0.0009	0.1480	0.2171
23	2025	ALT1	EB	NT	Mainline	0.92	1.14	17.79	5.61	7734	5875	0.1784	0.1643	0.0269	0.0012	0.0214	0.0511	0.0056	0.0018	0.0009	0.1598	0.2361
24	2025	ALT1	EB	NT	Mainline	0.76	0.94	14.86	4.43	6309	4757	0.1373	0.1264	0.0224	0.0010	0.0166	0.0402	0.0047	0.0015	0.0007	0.1215	0.1794
25	2025	ALT1	EB	NT	Mainline	0.51	0.63	9.94	2.93	4206	3167	0.0907	0.0835	0.0150	0.0007	0.0109	0.0266	0.0031	0.0010	0.0005	0.0801	0.1176
26	2025	ALT1	EB	NT	Mainline	4.51	5.60	87.89	25.07	36742	27534	0.7663	0.7057	0.1335	0.0061	0.0923	0.2271	0.0281	0.0092	0.0041	0.6713	0.9729
27	2025	ALT1	EB	NT	Mainline	3.36	4.18	65.19	18.61	27297	20452	0.5712	0.5260	0.0995	0.0046	0.0684	0.1685	0.0210	0.0069	0.0030	0.5005	0.7190
28	2025	ALT1	EB	NT	Mainline	1.84	2.28	35.56	10.35	14997	11265	0.3201	0.2948	0.0543	0.0025	0.0383	0.0937	0.0114	0.0037	0.0017	0.2818	0.4061
29	2025	ALT1	EB	NT	Mainline	1.22	1.51	23.66	6.67	9859	7374	0.2035	0.1874	0.0361	0.0017	0.0244	0.0604	0.0076	0.0025	0.0011	0.1777	0.2549
30	2025	ALT1	EB	NT	Mainline	2.11	2.62	41.01	11.53	17070	12763	0.3511	0.3234	0.0626	0.0029	0.0421	0.1043	0.0133	0.0043	0.0019	0.3065	0.4393
31	2025	ALT1	EB	NT	Mainline	1.54	1.92	29.98	8.38	12453	9304	0.2545	0.2344	0.0457	0.0021	0.0306	0.0758	0.0097	0.0032	0.0014	0.2218	0.3182
32	2025	ALT1	EB	NT	Mainline	1.70	2.12	33.08	9.57	13915	10445	0.2951	0.2717	0.0504	0.0023	0.0353	0.0867	0.0106	0.0035	0.0016	0.2594	0.3745
33	2025	ALT1	EB	NT	Mainline	1.56	1.94	30.58	8.65	12734	9532	0.2628	0.2420	0.0463	0.0021	0.0317	0.0783	0.0098	0.0032	0.0014	0.2297	0.3336
34	2025	ALT1	EB	NT	Mainline	1.76	2.18	34.00	10.33	14572	11011	0.3246	0.2989	0.0517	0.0023	0.0388	0.0938	0.0108	0.0036	0.0017	0.2885	0.4209
35	2025	ALT1	EB	NT	Mainline	0.96	1.19	18.63	5.31	7788	5836	0.1624	0.1496	0.0283	0.0013	0.0195	0.0481	0.0060	0.0020	0.0009	0.1423	0.2060
36	2025	ALT1	EB	NT	Mainline	1.15	1.42	22.32	6.37	9331	6992	0.1946	0.1792	0.0339	0.0016	0.0234	0.0577	0.0072	0.0023	0.0010	0.1705	0.2469
37	2025	ALT1	EB	NT	Mainline	1.54	1.92	30.06	8.57	12567	9417	0.2621	0.2414	0.0457	0.0021	0.0315	0.0777	0.0096	0.0032	0.0014	0.2296	0.3325
38	2025	ALT1	EB	NT	Mainline	2.25	2.79	43.63	13.00	18549	13980	0.4050	0.3729	0.0663	0.0030	0.0485	0.1179	0.0139	0.0046	0.0021	0.3584	0.5220
39	2025	ALT1	EB	NT	Mainline	2.29	2.84	44.50	12.78	18661	13994	0.3924	0.3613	0.0677	0.0031	0.0471	0.1157	0.0143	0.0047	0.0021	0.3443	0.4973
40	2025	ALT1	EB	NT	Mainline	1.55	1.92	29.84	8.75	12626	9491	0.2719	0.2504	0.0457	0.0021	0.0324	0.0792	0.0096	0.0031	0.0014	0.2397	0.3442
41	2025	ALT1	EB	NT	Mainline	0.59	0.73	11.42	3.21	4748	3552	0.0976	0.0899	0.0173	0.0008	0.0118	0.0291	0.0037	0.0012	0.0005	0.0852	0.1231
42	2025	ALT1	EB	NT	Mainline	1.74	2.16	33.76	9.95	14290	10755	0.3083	0.2839	0.0513	0.0023	0.0370	0.0902	0.0107	0.0035	0.0016	0.2722	0.3963
43	2025	ALT1	EB	NT	Mainline	0.73	0.91	14.22	4.07	5954	4462	0.1246	0.1147	0.0217	0.0010	0.0150	0.0368	0.0046	0.0015	0.0007	0.1092	0.1576
44	2025	ALT1	EB	NT	Mainline	1.14	1.42	22.39	6.40	9356	7015	0.1951	0.1797	0.0339	0.0016	0.0236	0.0580	0.0071	0.0023	0.0010	0.1710	0.2496
45	2025	ALT1	EB	NT	Mainline	0.51	0.64	10.03	2.83	4179	3127	0.0862	0.0794	0.0153	0.0007	0.0104	0.0256	0.0032	0.0011	0.0005	0.0753	0.1088
46	2025	ALT1	EB	NT	Mainline	1.40	1.73	27.25	7.84	11423	8571	0.2401	0.2211	0.0413	0.0019	0.0290	0.0710	0.0087	0.0029	0.0013	0.2108	0.3070
47	2025	ALT1	EB	NT	Mainline	0.08	0.10	1.51	0.43	628	470	0.0130	0.0119	0.0023	0.0001	0.0016	0.0039	0.0005	0.0002	0.0001	0.0113	0.0163
48	2025	ALT1	EB	NT	Mainline	1.58	1.96	30.61	8.85	12879	9666	0.2732	0.2516	0.0467	0.0021	0.0327	0.0802	0.0098	0.0032	0.0014	0.2401	0.3458
49	2025	ALT1	EB	NT	Mainline	0.13	0.16	2.53	0.72	1055	790	0.0219	0.0202	0.0038	0.0002	0.0026	0.0065	0.0008	0.0003	0.0001	0.0192	0.0278
50	2025	ALT1	EB	NT	Mainline	2.26	2.81	44.10	12.77	18529	13916	0.3921	0.3611	0.0667	0.0031	0.0473	0.1158	0.0140	0.0046	0.0021	0.3447	0.5033
51	2025	ALT1	EB	NT	Mainline	0.38	0.48	7.56	2.05	3094	2306	0.0609	0.0561	0.0114	0.0005	0.0075	0.0186	0.0024	0.0008	0.0003	0.0527	0.0773
52	2025	ALT1	EB	NT	Mainline	0.57	0.71	11.25	2.97	4553	3379	0.0865	0.0797	0.0169	0.0008	0.0107	0.0268	0.0036	0.0012	0.0005	0.0742	0.1087
53	2025	ALT1	EB	NT	Mainline	0.42	0.52	8.33	2.24	3395	2527	0.0660	0.0608	0.0125	0.0006	0.0081	0.0203	0.0026	0.0009	0.0004	0.0570	0.0841
54	2025	ALT1	EB	NT	Mainline	2.37	2.96	47.75	12.86	19396	14447	0.3749	0.3453	0.0704	0.0033	0.0468	0.1163	0.0149	0.0049	0.0020	0.3234	0.4873
55	2025	ALT1	EB	NT	Mainline	1.13	1.41	22.61	5.98	9145	6792	0.1739	0.1601	0.0337	0.0016	0.0215	0.0540	0.0072	0.0024	0.0009	0.1492	0.2207

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
56	2025	ALT1	EB	NT	Mainline	1.43	1.79	28.73	7.80	11719	8737	0.2292	0.2111	0.0425	0.0020	0.0285	0.0706	0.0090	0.0030	0.0012	0.1982	0.2969
57	2025	ALT1	EB	NT	Mainline	0.79	0.99	15.55	4.15	6340	4710	0.1227	0.1130	0.0236	0.0011	0.0149	0.0375	0.0050	0.0016	0.0007	0.1056	0.1520
58	2025	ALT1	EB	NT	Mainline	2.78	3.46	54.64	14.85	22413	16693	0.4424	0.4074	0.0827	0.0039	0.0538	0.1343	0.0176	0.0057	0.0024	0.3827	0.5547
59	2025	ALT1	EB	NT	Mainline	0.71	0.89	14.00	3.65	5662	4194	0.1067	0.0982	0.0212	0.0010	0.0130	0.0330	0.0045	0.0015	0.0006	0.0912	0.1313
60	2025	ALT1	EB	NT	Mainline	3.05	3.80	60.29	15.78	24370	18065	0.4600	0.4237	0.0909	0.0043	0.0565	0.1426	0.0194	0.0063	0.0025	0.3937	0.5714
61	2025	ALT1	EB	NT	Mainline	0.67	0.83	13.11	3.38	5278	3903	0.0979	0.0902	0.0199	0.0009	0.0120	0.0305	0.0043	0.0014	0.0005	0.0834	0.1200
62	2025	ALT1	EB	NT	Mainline	1.34	1.67	26.25	6.96	10683	7929	0.2053	0.1891	0.0399	0.0019	0.0249	0.0629	0.0085	0.0028	0.0011	0.1763	0.2530
63	2025	ALT1	EB	NT	Mainline	0.54	0.67	10.53	2.90	4345	3242	0.0873	0.0804	0.0160	0.0007	0.0106	0.0263	0.0034	0.0011	0.0005	0.0758	0.1093
64	2025	ALT1	EB	NT	Mainline	1.72	2.13	33.52	9.62	14034	10526	0.2941	0.2708	0.0508	0.0023	0.0355	0.0871	0.0107	0.0035	0.0016	0.2580	0.3759
65	2025	ALT1	EB	NT	Mainline	0.56	0.70	11.07	3.07	4569	3412	0.0919	0.0847	0.0167	0.0008	0.0112	0.0278	0.0035	0.0012	0.0005	0.0799	0.1168
66	2025	ALT1	EB	NT	Mainline	0.17	0.21	3.28	0.86	1328	985	0.0253	0.0233	0.0049	0.0002	0.0031	0.0078	0.0011	0.0003	0.0001	0.0217	0.0315
67	2025	ALT1	EB	NT	Mainline	1.24	1.54	24.35	6.73	10041	7497	0.2017	0.1857	0.0367	0.0017	0.0246	0.0609	0.0078	0.0026	0.0011	0.1752	0.2563
68	2025	ALT1	EB	NT	Mainline	0.91	1.13	17.91	4.81	7313	5439	0.1424	0.1312	0.0271	0.0013	0.0174	0.0435	0.0058	0.0019	0.0008	0.1228	0.1778
69	2025	ALT1	EB	NT	Mainline	2.08	2.59	40.60	11.81	17094	12843	0.3637	0.3349	0.0616	0.0028	0.0438	0.1070	0.0129	0.0043	0.0019	0.3201	0.4660
70	2025	ALT1	EB	NT	Mainline	1.26	1.56	24.30	6.94	10188	7632	0.2137	0.1968	0.0373	0.0017	0.0255	0.0628	0.0079	0.0026	0.0011	0.1873	0.2673
71	2025	ALT1	EB	NT	Mainline	1.63	2.02	31.22	9.41	13366	10083	0.2968	0.2733	0.0479	0.0022	0.0351	0.0853	0.0100	0.0033	0.0015	0.2634	0.3775
72	2025	ALT1	EB	NT	Mainline	1.57	1.94	30.11	8.78	12729	9559	0.2732	0.2516	0.0463	0.0021	0.0323	0.0794	0.0098	0.0032	0.0014	0.2406	0.3421
73	2025	ALT1	EB	NT	Ramp	0.04	0.05	0.95	0.15	310	221	0.0026	0.0024	0.0011	0.0001	0.0006	0.0017	0.0002	0.0001	0.0000	0.0013	0.0066
74	2025	ALT1	EB	NT	Ramp	0.03	0.04	0.63	0.12	243	175	0.0024	0.0022	0.0010	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0012	0.0079
75	2025	ALT1	EB	NT	Ramp	0.04	0.06	1.03	0.18	346	248	0.0031	0.0029	0.0013	0.0001	0.0008	0.0020	0.0003	0.0001	0.0000	0.0016	0.0086
76	2025	ALT1	EB	NT	Ramp	0.09	0.13	1.88	0.29	703	496	0.0062	0.0057	0.0029	0.0001	0.0016	0.0043	0.0006	0.0003	0.0001	0.0022	0.0170
77	2025	ALT1	EB	NT	Ramp	0.06	0.09	1.60	0.25	528	374	0.0044	0.0040	0.0019	0.0001	0.0010	0.0027	0.0004	0.0002	0.0000	0.0019	0.0102
78	2025	ALT1	EB	NT	Ramp	0.07	0.10	1.33	0.22	511	362	0.0047	0.0043	0.0021	0.0001	0.0014	0.0034	0.0004	0.0003	0.0000	0.0019	0.0149
79	2025	ALT1	EB	NT	Ramp	0.09	0.12	2.06	0.33	712	505	0.0062	0.0057	0.0027	0.0001	0.0015	0.0039	0.0006	0.0003	0.0001	0.0027	0.0150
80	2025	ALT1	EB	NT	Ramp	0.13	0.18	2.62	0.41	974	687	0.0085	0.0079	0.0039	0.0002	0.0022	0.0058	0.0008	0.0005	0.0001	0.0032	0.0228
81	2025	ALT1	EB	NT	Ramp	0.13	0.17	3.26	0.56	1073	771	0.0098	0.0090	0.0038	0.0002	0.0025	0.0063	0.0008	0.0004	0.0001	0.0053	0.0271
82	2025	ALT1	EB	NT	Ramp	0.10	0.14	2.22	0.31	788	550	0.0063	0.0059	0.0031	0.0002	0.0013	0.0038	0.0007	0.0004	0.0001	0.0020	0.0121
83	2025	ALT1	EB	NT	Ramp	0.03	0.04	0.55	0.17	230	177	0.0033	0.0030	0.0008	0.0000	0.0011	0.0023	0.0001	0.0001	0.0000	0.0026	0.0133
84	2025	ALT1	EB	NT	Ramp	0.03	0.04	0.93	0.13	285	201	0.0022	0.0020	0.0010	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0009	0.0044
85	2025	ALT1	EB	NT	Ramp	0.10	0.13	2.53	0.50	840	615	0.0089	0.0082	0.0028	0.0001	0.0023	0.0055	0.0006	0.0003	0.0001	0.0059	0.0264
86	2025	ALT1	EB	NT	Ramp	0.15	0.20	3.52	0.75	1269	933	0.0138	0.0127	0.0045	0.0002	0.0040	0.0094	0.0009	0.0004	0.0001	0.0089	0.0469
87	2025	ALT1	EB	NT	Ramp	0.05	0.07	0.98	0.17	368	262	0.0034	0.0031	0.0015	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0015	0.0100
88	2025	ALT1	EB	NT	Ramp	0.05	0.07	1.04	0.30	425	325	0.0059	0.0054	0.0015	0.0001	0.0019	0.0042	0.0003	0.0001	0.0000	0.0046	0.0236
89	2025	ALT1	EB	NT	Ramp	0.03	0.04	0.56	0.10	213	152	0.0020	0.0019	0.0009	0.0000	0.0006	0.0014	0.0002	0.0001	0.0000	0.0009	0.0063
90	2025	ALT1	EB	NT	Ramp	0.07	0.09	1.00	0.32	464	355	0.0064	0.0059	0.0019	0.0001	0.0026	0.0056	0.0003	0.0002	0.0000	0.0046	0.0324
91	2025	ALT1	EB	NT	Ramp	0.07	0.10	1.55	0.42	613	464	0.0080	0.0074	0.0021	0.0001	0.0025	0.0056	0.0004	0.0002	0.0001	0.0060	0.0311
92	2025	ALT1	EB	NT	Ramp	0.13	0.18	2.12	0.50	901	664	0.0103	0.0095	0.0039	0.0002	0.0043	0.0097	0.0007	0.0004	0.0001	0.0059	0.0526
93	2025	ALT1	EB	NT	Ramp	1.99	2.40	25.31	16.14	16195	13550	0.3555	0.3272	0.0505	0.0010	0.1179	0.2434	0.0073	0.0024	0.0017	0.3327	1.5634
94	2025	ALT1	EB	NT	Ramp	0.32	0.41	7.37	1.74	2688	2008	0.0325	0.0300	0.0092	0.0004	0.0095	0.0216	0.0018	0.0008	0.0002	0.0236	0.1139
95	2025	ALT1	EB	NT	Ramp	0.05	0.07	1.36	0.25	450	326	0.0044	0.0041	0.0016	0.0001	0.0012	0.0028	0.0003	0.0002	0.0000	0.0027	0.0130
96	2025	ALT1	EB	NT	Ramp	0.09	0.12	2.49	0.43	780	561	0.0072	0.0066	0.0027	0.0001	0.0017	0.0043	0.0006	0.0003	0.0001	0.0043	0.0185
97	2025	ALT1	EB	NT	Ramp	0.04	0.05	0.49	0.33	323	271	0.0069	0.0064	0.0010	0.0000	0.0025	0.0051	0.0001	0.0000	0.0000	0.0065	0.0331
98	2025	ALT1	EB	NT	Ramp	0.03	0.04	0.66	0.17	256	194	0.0033	0.0031	0.0009	0.0000	0.0010	0.0023	0.0002	0.0001	0.0000	0.0025	0.0127
99	2025	ALT1	EB	NT	Ramp	0.11	0.15	2.73	0.64	980	732	0.0120	0.0110	0.0033	0.0001	0.0033	0.0077	0.0006	0.0003	0.0001	0.0088	0.0401
100	2025	ALT1	EB	NT	Ramp	0.11	0.15	2.86	0.55	973	709	0.0098	0.0091	0.0034	0.0002	0.0027	0.0065	0.0007	0.0003	0.0001	0.0061	0.0306
101	2025	ALT1	EB	NT	Ramp	0.03	0.04	0.60	0.18	239	184	0.0035	0.0032	0.0008	0.0000	0.0010	0.0022	0.0001	0.0001	0.0000	0.0029	0.0125
102	2025	ALT1	EB	NT	Ramp	0.03	0.04	0.75	0.16	262	193	0.0029	0.0026	0.0009	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0019	0.0095
103	2025	ALT1	EB	NT	Ramp	0.02	0.03	0.74	0.11	220	155	0.0017	0.0016	0.0008	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0008	0.0035

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
104	2025	ALT1	EB	NT	Ramp	0.06	0.09	1.39	0.22	505	357	0.0044	0.0041	0.0020	0.0001	0.0010	0.0028	0.0004	0.0002	0.0000	0.0018	0.0106
105	2025	ALT1	EB	NT	Ramp	0.07	0.09	1.68	0.29	555	398	0.0050	0.0046	0.0020	0.0001	0.0013	0.0032	0.0004	0.0002	0.0000	0.0027	0.0138
106	2025	ALT1	EB	NT	Ramp	0.01	0.02	0.29	0.04	104	72	0.0008	0.0008	0.0004	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0002	0.0015
107	2025	ALT1	EB	NT	Ramp																	
108	2025	ALT1	EB	NT	Ramp																	
109	2025	ALT1	EB	NT	Ramp	0.08	0.10	1.91	0.36	650	472	0.0065	0.0060	0.0023	0.0001	0.0018	0.0042	0.0005	0.0002	0.0000	0.0039	0.0198
110	2025	ALT1	EB	NT	Ramp	0.11	0.16	2.54	0.38	911	640	0.0076	0.0071	0.0036	0.0002	0.0017	0.0047	0.0008	0.0004	0.0001	0.0027	0.0164
111	2025	ALT1	EB	NT	Ramp	0.02	0.03	0.60	0.12	198	145	0.0021	0.0019	0.0007	0.0000	0.0005	0.0013	0.0001	0.0001	0.0000	0.0014	0.0062
112	2025	ALT1	EB	NT	Ramp	0.11	0.15	2.40	0.38	877	621	0.0078	0.0072	0.0035	0.0002	0.0019	0.0050	0.0007	0.0004	0.0001	0.0031	0.0194
113	2025	ALT1	EB	NT	Ramp	0.09	0.12	2.24	0.34	724	512	0.0059	0.0055	0.0026	0.0001	0.0014	0.0036	0.0006	0.0003	0.0001	0.0026	0.0136
114	2025	ALT1	EB	NT	Ramp	0.08	0.11	1.69	0.23	599	417	0.0047	0.0044	0.0024	0.0001	0.0010	0.0028	0.0005	0.0003	0.0000	0.0014	0.0087
115	2025	ALT1	EB	NT	Ramp																	
116	2025	ALT1	EB	NT	Ramp	0.03	0.04	0.59	0.08	203	141	0.0015	0.0014	0.0008	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0004	0.0021
117	2025	ALT1	EB	NT	Ramp	0.05	0.07	1.28	0.25	444	323	0.0045	0.0041	0.0016	0.0001	0.0012	0.0030	0.0003	0.0002	0.0000	0.0027	0.0141
118	2025	ALT1	EB	NT	Ramp	0.04	0.05	0.81	0.11	284	198	0.0022	0.0021	0.0011	0.0001	0.0004	0.0013	0.0002	0.0001	0.0000	0.0007	0.0038
119	2025	ALT1	EB	NT	Ramp	0.06	0.08	1.64	0.26	527	375	0.0045	0.0041	0.0019	0.0001	0.0011	0.0028	0.0004	0.0002	0.0000	0.0022	0.0112
120	2025	ALT1	EB	NT	Ramp	0.03	0.04	0.65	0.09	228	160	0.0018	0.0017	0.0009	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0006	0.0034
121	2025	ALT1	EB	NT	Ramp	0.05	0.07	1.34	0.29	460	340	0.0053	0.0049	0.0015	0.0001	0.0014	0.0033	0.0003	0.0001	0.0000	0.0038	0.0165
122	2025	ALT1	EB	NT	Ramp	0.86	1.12	21.70	4.57	7466	5504	0.0834	0.0769	0.0253	0.0011	0.0226	0.0530	0.0051	0.0023	0.0006	0.0578	0.2644
123	2025	ALT1	EB	NT	Ramp	0.60	0.78	15.18	3.16	5180	3813	0.0574	0.0529	0.0175	0.0007	0.0154	0.0362	0.0035	0.0016	0.0004	0.0396	0.1789
124	2025	ALT1	EB	NT	Ramp	0.06	0.08	1.25	0.25	474	344	0.0049	0.0045	0.0018	0.0001	0.0013	0.0033	0.0004	0.0002	0.0000	0.0026	0.0152
125	2025	ALT1	EB	NT	Ramp	0.00	0.01	0.11	0.03	41	31	0.0005	0.0005	0.0001	0.0000	0.0002	0.0004	0.0000	0.0000	0.0000	0.0004	0.0019
126	2025	ALT1	EB	NT	Ramp	0.04	0.05	0.79	0.12	289	203	0.0025	0.0023	0.0012	0.0001	0.0006	0.0016	0.0002	0.0001	0.0000	0.0009	0.0061
127	2025	ALT1	EB	NT	Ramp	0.13	0.18	2.90	0.53	1046	752	0.0101	0.0093	0.0039	0.0002	0.0027	0.0066	0.0008	0.0004	0.0001	0.0052	0.0293
128	2025	ALT1	EB	NT	Ramp	0.02	0.02	0.37	0.04	127	87	0.0009	0.0008	0.0005	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0008
129	2025	ALT1	EB	NT	Ramp	0.07	0.09	1.80	0.33	588	425	0.0057	0.0053	0.0020	0.0001	0.0015	0.0036	0.0004	0.0002	0.0000	0.0035	0.0162
130	2025	ALT1	EB	NT	Ramp	0.07	0.09	1.89	0.26	574	403	0.0042	0.0039	0.0020	0.0001	0.0009	0.0025	0.0004	0.0002	0.0000	0.0017	0.0082
131	2025	ALT1	EB	NT	Ramp	0.09	0.12	2.26	0.50	795	589	0.0092	0.0085	0.0027	0.0001	0.0026	0.0059	0.0005	0.0002	0.0001	0.0065	0.0302
132	2025	ALT1	EB	NT	Ramp	0.04	0.06	1.26	0.17	379	265	0.0027	0.0025	0.0014	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0010	0.0047
133	2025	ALT1	EB	NT	Ramp	0.14	0.19	3.85	0.66	1241	892	0.0113	0.0105	0.0043	0.0002	0.0029	0.0072	0.0009	0.0004	0.0001	0.0064	0.0310
134	2025	ALT1	EB	NT	Ramp	0.26	0.35	7.15	1.15	2265	1614	0.0193	0.0178	0.0080	0.0004	0.0047	0.0121	0.0017	0.0008	0.0002	0.0099	0.0487
135	2025	ALT1	EB	NT	Ramp	0.11	0.14	2.89	0.51	936	674	0.0087	0.0081	0.0033	0.0001	0.0022	0.0055	0.0007	0.0003	0.0001	0.0051	0.0244
136	2025	ALT1	EB	NT	Ramp	0.03	0.04	0.57	0.08	202	140	0.0016	0.0014	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0025
137	2025	ALT1	EB	NT	Ramp	0.41	0.55	11.11	1.79	3529	2515	0.0301	0.0279	0.0124	0.0006	0.0073	0.0189	0.0026	0.0013	0.0002	0.0155	0.0763
138	2025	ALT1	EB	NT	Ramp	0.04	0.05	0.92	0.14	306	217	0.0026	0.0024	0.0011	0.0001	0.0006	0.0016	0.0002	0.0001	0.0000	0.0011	0.0061
139	2025	ALT1	EB	NT	Ramp	0.07	0.09	1.49	0.19	525	364	0.0040	0.0037	0.0021	0.0001	0.0008	0.0023	0.0005	0.0003	0.0000	0.0010	0.0062
140	2025	ALT1	EB	NT	Ramp	0.13	0.17	3.31	0.44	1062	740	0.0078	0.0072	0.0040	0.0002	0.0015	0.0045	0.0009	0.0005	0.0001	0.0025	0.0130
141	2025	ALT1	EB	NT	Ramp	0.02	0.03	0.60	0.07	172	119	0.0011	0.0010	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0003	0.0012
142	2025	ALT1	EB	NT	Ramp	0.05	0.07	1.56	0.20	450	313	0.0030	0.0028	0.0016	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0010	0.0046
143	2025	ALT1	EB	NT	Ramp	0.04	0.06	1.27	0.15	369	254	0.0023	0.0021	0.0013	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0006	0.0027
144	2025	ALT1	EB	NT	HOV	0.11	0.14	2.50	0.32	787	536	0.0033	0.0031	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0006
145	2025	ALT1	EB	NT	HOV	0.28	0.36	6.60	0.83	2077	1414	0.0088	0.0081	0.0088	0.0005	0.0017	0.0067	0.0020	0.0007	0.0001	0.0011	0.0017
146	2025	ALT1	EB	NT	HOV	0.01	0.02	0.28	0.04	90	61	0.0004	0.0004	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
147	2025	ALT1	EB	NT	HOV	0.24	0.30	5.58	0.70	1756	1196	0.0074	0.0069	0.0075	0.0004	0.0014	0.0057	0.0017	0.0006	0.0001	0.0009	0.0014
148	2025	ALT1	EB	NT	HOV	0.09	0.11	2.03	0.26	639	435	0.0027	0.0025	0.0027	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0003	0.0005
149	2025	ALT1	EB	NT	HOV	0.15	0.20	3.63	0.46	1138	775	0.0048	0.0044	0.0048	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0009
150	2025	ALT1	EB	NT	HOV	0.21	0.27	5.06	0.64	1587	1081	0.0067	0.0062	0.0067	0.0004	0.0013	0.0051	0.0015	0.0005	0.0001	0.0008	0.0013
151	2025	ALT1	EB	NT	HOV	0.29	0.37	6.84	0.86	2142	1459	0.0090	0.0084	0.0090	0.0005	0.0018	0.0069	0.0021	0.0007	0.0001	0.0011	0.0018

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
152	2025	ALT1	EB	NT	HOV	0.23	0.29	5.42	0.69	1699	1157	0.0072	0.0066	0.0072	0.0004	0.0014	0.0054	0.0016	0.0006	0.0001	0.0009	0.0014
153	2025	ALT1	EB	NT	HOV	0.10	0.13	2.40	0.30	759	517	0.0032	0.0030	0.0032	0.0002	0.0006	0.0025	0.0007	0.0002	0.0000	0.0004	0.0006
154	2025	ALT1	EB	NT	HOV	0.20	0.25	4.59	0.58	1451	988	0.0061	0.0057	0.0062	0.0003	0.0012	0.0047	0.0014	0.0005	0.0001	0.0007	0.0012
155	2025	ALT1	EB	NT	HOV	0.15	0.19	3.41	0.43	1078	734	0.0045	0.0042	0.0046	0.0002	0.0009	0.0035	0.0011	0.0004	0.0001	0.0006	0.0009
156	2025	ALT1	EB	NT	HOV	0.12	0.15	2.69	0.34	848	578	0.0036	0.0033	0.0036	0.0002	0.0007	0.0028	0.0008	0.0003	0.0000	0.0004	0.0007
157	2025	ALT1	EB	NT	HOV	0.20	0.26	4.73	0.60	1493	1017	0.0063	0.0058	0.0064	0.0003	0.0012	0.0049	0.0015	0.0005	0.0001	0.0008	0.0012
158	2025	ALT1	EB	NT	HOV	0.24	0.30	5.45	0.69	1720	1172	0.0073	0.0067	0.0073	0.0004	0.0014	0.0056	0.0017	0.0006	0.0001	0.0009	0.0014
159	2025	ALT1	EB	NT	HOV	0.13	0.17	3.43	0.43	1032	703	0.0044	0.0040	0.0041	0.0002	0.0008	0.0032	0.0010	0.0003	0.0000	0.0005	0.0009
160	2025	ALT1	EB	NT	HOV	0.25	0.32	6.38	0.81	1923	1310	0.0081	0.0075	0.0077	0.0004	0.0015	0.0059	0.0018	0.0006	0.0001	0.0010	0.0017
161	2025	ALT1	EB	NT	HOV																	
162	2025	ALT1	EB	NT	HOV																	
163	2025	ALT1	EB	NT	HOV																	
164	2025	ALT1	EB	NT	HOV																	
165	2025	ALT1	EB	NT	HOV																	
166	2025	ALT1	EB	NT	HOV																	
167	2025	ALT1	EB	NT	HOV																	
168	2025	ALT1	EB	NT	HOV																	
169	2025	ALT1	EB	NT	HOV																	
170	2025	ALT1	EB	NT	HOV																	
171	2025	ALT1	EB	NT	HOV																	
172	2025	ALT1	EB	NT	HOV																	
173	2025	ALT1	EB	NT	HOV																	
174	2025	ALT1	EB	NT	HOV																	
175	2025	ALT1	EB	NT	HOV																	
176	2025	ALT1	EB	NT	HOV																	
177	2025	ALT1	EB	NT	HOV																	
178	2025	ALT1	EB	NT	HOV																	
179	2025	ALT1	EB	NT	HOV																	
180	2025	ALT1	EB	NT	HOV																	
181	2025	ALT1	EB	NT	HOV																	
182	2025	ALT1	EB	NT	HOV																	
183	2025	ALT1	EB	NT	HOV																	
184	2025	ALT1	EB	NT	HOV																	
185	2025	ALT1	EB	NT	HOV																	
186	2025	ALT1	EB	NT	HOV																	
187	2025	ALT1	EB	NT	HOV																	
188	2025	ALT1	EB	NT	HOV																	
189	2025	ALT1	EB	NT	HOV																	
190	2025	ALT1	EB	NT	HOV																	
191	2025	ALT1	EB	NT	HOV																	
192	2025	ALT1	EB	NT	HOV																	
193	2025	ALT1	EB	NT	HOV																	
194	2025	ALT1	EB	NT	HOV																	
195	2025	ALT1	EB	NT	HOV																	
196	2025	ALT1	EB	NT	HOV																	
197	2025	ALT1	EB	NT	HOV																	
198	2025	ALT1	EB	NT	HOV																	
199	2025	ALT1	EB	NT	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
200	2025	ALT1	EB	NT	HOV																	
201	2025	ALT1	EB	NT	HOV																	
202	2025	ALT1	EB	NT	HOV																	
203	2025	ALT1	EB	NT	HOV																	
204	2025	ALT1	EB	NT	HOV																	
205	2025	ALT1	EB	NT	HOV																	
206	2025	ALT1	EB	NT	HOV																	
207	2025	ALT1	EB	NT	HOV																	
208	2025	ALT1	EB	NT	HOV																	
209	2025	ALT1	EB	NT	HOV																	
210	2025	ALT1	EB	NT	HOV																	
211	2025	ALT1	EB	NT	HOV																	
212	2025	ALT1	EB	NT	HOV																	
213	2025	ALT1	EB	NT	HOV																	
214	2025	ALT1	EB	NT	HOV																	
215	2025	ALT1	EB	NT	HOV																	
216	2025	ALT1	WB	AM	Mainline	1.12	1.43	27.11	5.04	9225	6587	0.1019	0.0940	0.0342	0.0017	0.0154	0.0426	0.0075	0.0027	0.0007	0.0727	0.1322
217	2025	ALT1	WB	AM	Mainline	1.91	2.43	48.50	9.12	16209	11624	0.1805	0.1665	0.0579	0.0028	0.0287	0.0771	0.0126	0.0046	0.0012	0.1297	0.2635
218	2025	ALT1	WB	AM	Mainline	1.43	1.81	34.86	6.40	11756	8386	0.1269	0.1170	0.0434	0.0022	0.0194	0.0538	0.0095	0.0034	0.0008	0.0894	0.1661
219	2025	ALT1	WB	AM	Mainline	1.86	2.40	52.67	9.20	16495	11809	0.1617	0.1491	0.0564	0.0027	0.0301	0.0794	0.0121	0.0049	0.0011	0.1076	0.2918
220	2025	ALT1	WB	AM	Mainline	1.07	1.37	28.36	5.00	9162	6531	0.0921	0.0849	0.0326	0.0016	0.0152	0.0417	0.0071	0.0027	0.0006	0.0625	0.1355
221	2025	ALT1	WB	AM	Mainline	0.92	1.19	26.31	4.53	8163	5837	0.0779	0.0719	0.0278	0.0013	0.0148	0.0391	0.0060	0.0025	0.0005	0.0509	0.1436
222	2025	ALT1	WB	AM	Mainline	1.06	1.36	28.47	4.99	9138	6514	0.0910	0.0840	0.0323	0.0016	0.0152	0.0416	0.0071	0.0027	0.0006	0.0615	0.1368
223	2025	ALT1	WB	AM	Mainline	0.49	0.64	13.85	2.36	4338	3091	0.0414	0.0382	0.0151	0.0007	0.0073	0.0198	0.0033	0.0013	0.0003	0.0272	0.0669
224	2025	ALT1	WB	AM	Mainline	0.63	0.80	16.85	2.75	5300	3740	0.0464	0.0428	0.0192	0.0010	0.0077	0.0221	0.0042	0.0016	0.0003	0.0286	0.0614
225	2025	ALT1	WB	AM	Mainline	0.40	0.52	10.64	1.77	3390	2393	0.0304	0.0280	0.0124	0.0006	0.0049	0.0142	0.0027	0.0010	0.0002	0.0191	0.0392
226	2025	ALT1	WB	AM	Mainline	1.95	2.48	46.45	7.90	15530	10956	0.1468	0.1355	0.0598	0.0030	0.0222	0.0657	0.0133	0.0046	0.0010	0.0956	0.1648
227	2025	ALT1	WB	AM	Mainline	0.76	0.96	17.71	2.94	5928	4168	0.0536	0.0495	0.0232	0.0012	0.0081	0.0245	0.0052	0.0018	0.0004	0.0339	0.0563
228	2025	ALT1	WB	AM	Mainline	0.41	0.52	9.60	1.58	3209	2253	0.0285	0.0263	0.0126	0.0006	0.0043	0.0131	0.0028	0.0010	0.0002	0.0178	0.0294
229	2025	ALT1	WB	AM	Mainline	2.27	2.93	62.79	10.08	19463	13726	0.1662	0.1534	0.0697	0.0035	0.0281	0.0807	0.0154	0.0059	0.0012	0.1006	0.2273
230	2025	ALT1	WB	AM	Mainline	0.59	0.75	14.59	2.43	4765	3356	0.0429	0.0396	0.0180	0.0009	0.0067	0.0198	0.0040	0.0014	0.0003	0.0270	0.0497
231	2025	ALT1	WB	AM	Mainline	0.58	0.75	15.40	2.57	4909	3469	0.0444	0.0410	0.0179	0.0009	0.0072	0.0207	0.0040	0.0015	0.0003	0.0281	0.0582
232	2025	ALT1	WB	AM	Mainline	0.63	0.80	15.50	2.61	5100	3597	0.0471	0.0434	0.0194	0.0010	0.0073	0.0214	0.0043	0.0015	0.0003	0.0302	0.0548
233	2025	ALT1	WB	AM	Mainline	1.87	2.44	55.55	8.86	16661	11808	0.1409	0.1301	0.0571	0.0028	0.0269	0.0738	0.0124	0.0052	0.0011	0.0832	0.2464
234	2025	ALT1	WB	AM	Mainline	0.30	0.39	8.30	1.36	2595	1835	0.0231	0.0213	0.0093	0.0005	0.0039	0.0111	0.0020	0.0008	0.0002	0.0145	0.0328
235	2025	ALT1	WB	AM	Mainline	1.16	1.51	33.97	5.49	10286	7295	0.0890	0.0822	0.0354	0.0017	0.0167	0.0456	0.0077	0.0032	0.0007	0.0538	0.1516
236	2025	ALT1	WB	AM	Mainline	0.76	0.97	20.27	3.43	6451	4574	0.0604	0.0557	0.0232	0.0012	0.0100	0.0281	0.0051	0.0019	0.0004	0.0391	0.0846
237	2025	ALT1	WB	AM	Mainline	1.34	1.69	31.44	5.70	10740	7637	0.1145	0.1056	0.0408	0.0020	0.0170	0.0482	0.0090	0.0031	0.0008	0.0801	0.1380
238	2025	ALT1	WB	AM	Mainline	0.41	0.53	9.92	1.78	3354	2384	0.0350	0.0323	0.0127	0.0006	0.0053	0.0150	0.0028	0.0010	0.0002	0.0243	0.0430
239	2025	ALT1	WB	AM	Mainline	0.37	0.47	8.88	1.59	2989	2123	0.0309	0.0285	0.0112	0.0006	0.0047	0.0133	0.0025	0.0009	0.0002	0.0212	0.0381
240	2025	ALT1	WB	AM	Mainline	0.46	0.58	11.12	1.93	3705	2622	0.0362	0.0334	0.0140	0.0007	0.0055	0.0160	0.0031	0.0011	0.0003	0.0240	0.0432
241	2025	ALT1	WB	AM	Mainline	1.63	2.08	40.73	7.14	13445	9537	0.1330	0.1227	0.0499	0.0025	0.0207	0.0588	0.0110	0.0040	0.0009	0.0893	0.1692
242	2025	ALT1	WB	AM	Mainline	0.12	0.15	2.80	0.49	944	668	0.0094	0.0087	0.0036	0.0002	0.0014	0.0041	0.0008	0.0003	0.0001	0.0063	0.0109
243	2025	ALT1	WB	AM	Mainline	1.40	1.78	34.97	6.16	11545	8196	0.1152	0.1063	0.0427	0.0021	0.0180	0.0508	0.0094	0.0034	0.0008	0.0777	0.1483
244	2025	ALT1	WB	AM	Mainline	0.22	0.28	5.23	0.92	1774	1257	0.0180	0.0166	0.0068	0.0003	0.0027	0.0078	0.0015	0.0005	0.0001	0.0122	0.0210
245	2025	ALT1	WB	AM	Mainline	1.31	1.66	32.26	5.74	10742	7633	0.1096	0.1011	0.0399	0.0020	0.0169	0.0477	0.0088	0.0031	0.0007	0.0749	0.1403
246	2025	ALT1	WB	AM	Mainline	1.06	1.34	24.95	4.41	8452	5991	0.0860	0.0793	0.0323	0.0016	0.0128	0.0370	0.0072	0.0025	0.0006	0.0586	0.1007
247	2025	ALT1	WB	AM	Mainline	1.33	1.70	33.04	5.88	10986	7808	0.1120	0.1033	0.0407	0.0020	0.0173	0.0488	0.0090	0.0032	0.0008	0.0765	0.1441

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
248	2025	ALT1	WB	AM	Mainline	0.43	0.55	10.22	1.80	3458	2450	0.0351	0.0323	0.0132	0.0007	0.0052	0.0151	0.0029	0.0010	0.0002	0.0238	0.0410
249	2025	ALT1	WB	AM	Mainline	1.41	1.78	32.43	5.83	11152	7915	0.1178	0.1086	0.0430	0.0022	0.0172	0.0495	0.0095	0.0033	0.0008	0.0819	0.1354
250	2025	ALT1	WB	AM	Mainline	2.19	2.79	52.17	9.26	17646	12517	0.1808	0.1668	0.0671	0.0034	0.0271	0.0777	0.0149	0.0052	0.0012	0.1237	0.2155
251	2025	ALT1	WB	AM	Mainline	1.63	2.07	40.30	7.22	13430	9551	0.1384	0.1277	0.0497	0.0025	0.0214	0.0600	0.0110	0.0039	0.0009	0.0951	0.1790
252	2025	ALT1	WB	AM	Mainline	1.37	1.75	33.15	5.83	11117	7880	0.1116	0.1029	0.0421	0.0021	0.0169	0.0486	0.0093	0.0033	0.0008	0.0754	0.1345
253	2025	ALT1	WB	AM	Mainline	0.98	1.25	23.74	4.17	7962	5644	0.0799	0.0737	0.0301	0.0015	0.0121	0.0348	0.0067	0.0023	0.0005	0.0540	0.0963
254	2025	ALT1	WB	AM	Mainline	0.95	1.21	22.89	4.02	7675	5440	0.0770	0.0711	0.0290	0.0015	0.0117	0.0335	0.0064	0.0023	0.0005	0.0521	0.0928
255	2025	ALT1	WB	AM	Mainline	1.56	1.99	39.25	7.03	13005	9254	0.1336	0.1232	0.0477	0.0024	0.0208	0.0583	0.0105	0.0038	0.0009	0.0917	0.1769
256	2025	ALT1	WB	AM	Mainline	1.02	1.30	24.68	4.35	8284	5874	0.0837	0.0772	0.0313	0.0016	0.0127	0.0363	0.0069	0.0024	0.0006	0.0568	0.1013
257	2025	ALT1	WB	AM	Mainline	1.24	1.58	31.83	5.61	10406	7397	0.1038	0.0958	0.0379	0.0019	0.0165	0.0462	0.0083	0.0031	0.0007	0.0701	0.1404
258	2025	ALT1	WB	AM	Mainline	1.24	1.58	29.22	5.10	9881	6991	0.0983	0.0906	0.0380	0.0019	0.0147	0.0427	0.0084	0.0029	0.0007	0.0660	0.1124
259	2025	ALT1	WB	AM	Mainline	1.83	2.33	42.68	7.48	14529	10281	0.1461	0.1347	0.0562	0.0028	0.0216	0.0630	0.0125	0.0043	0.0010	0.0987	0.1645
260	2025	ALT1	WB	AM	Mainline	1.20	1.52	28.75	4.98	9615	6802	0.0940	0.0867	0.0366	0.0018	0.0143	0.0414	0.0081	0.0028	0.0007	0.0626	0.1104
261	2025	ALT1	WB	AM	Mainline	1.43	1.82	35.51	6.20	11739	8322	0.1157	0.1067	0.0437	0.0022	0.0179	0.0512	0.0097	0.0035	0.0008	0.0774	0.1452
262	2025	ALT1	WB	AM	Mainline	3.88	4.94	94.76	16.51	31529	22332	0.3105	0.2865	0.1187	0.0060	0.0476	0.1369	0.0263	0.0093	0.0021	0.2077	0.3778
263	2025	ALT1	WB	AM	Mainline	1.80	2.31	47.97	8.20	15321	10875	0.1456	0.1344	0.0550	0.0027	0.0240	0.0672	0.0121	0.0045	0.0010	0.0954	0.2059
264	2025	ALT1	WB	AM	Mainline	0.70	0.92	21.01	3.38	6308	4493	0.0544	0.0502	0.0214	0.0010	0.0115	0.0303	0.0046	0.0020	0.0004	0.0320	0.1129
265	2025	ALT1	WB	AM	Mainline	0.37	0.47	10.10	1.74	3191	2274	0.0309	0.0285	0.0111	0.0005	0.0053	0.0145	0.0024	0.0009	0.0002	0.0206	0.0486
266	2025	ALT1	WB	AM	Mainline	1.31	1.68	35.35	6.34	11397	8156	0.1178	0.1087	0.0399	0.0019	0.0200	0.0536	0.0086	0.0033	0.0008	0.0814	0.1865
267	2025	ALT1	WB	AM	Mainline	0.39	0.51	11.28	2.00	3525	2533	0.0349	0.0322	0.0119	0.0006	0.0069	0.0178	0.0025	0.0011	0.0002	0.0233	0.0700
268	2025	ALT1	WB	AM	Mainline	0.08	0.10	1.87	0.36	643	461	0.0074	0.0069	0.0024	0.0001	0.0011	0.0031	0.0005	0.0002	0.0000	0.0054	0.0100
269	2025	ALT1	WB	AM	Mainline	1.81	2.35	51.83	9.28	16241	11712	0.1618	0.1493	0.0544	0.0025	0.0342	0.0866	0.0115	0.0049	0.0011	0.1077	0.3585
270	2025	ALT1	WB	AM	Mainline	0.87	1.14	24.49	4.36	7719	5574	0.0748	0.0690	0.0260	0.0012	0.0176	0.0437	0.0054	0.0024	0.0005	0.0476	0.1899
271	2025	ALT1	WB	AM	Mainline	1.07	1.37	28.94	5.89	9599	7022	0.1142	0.1053	0.0317	0.0014	0.0229	0.0559	0.0066	0.0027	0.0007	0.0850	0.2495
272	2025	ALT1	WB	AM	Mainline	0.80	1.03	21.78	4.36	7158	5238	0.0819	0.0755	0.0236	0.0011	0.0178	0.0431	0.0049	0.0021	0.0005	0.0594	0.1969
273	2025	ALT1	WB	AM	Mainline	0.77	0.99	19.90	4.17	6830	4990	0.0885	0.0816	0.0231	0.0011	0.0151	0.0377	0.0049	0.0019	0.0005	0.0684	0.1579
274	2025	ALT1	WB	AM	Mainline	0.90	1.15	22.48	4.85	7881	5766	0.1071	0.0987	0.0269	0.0013	0.0174	0.0435	0.0057	0.0021	0.0006	0.0842	0.1807
275	2025	ALT1	WB	AM	Mainline	1.63	2.06	37.07	8.58	13776	10113	0.2121	0.1954	0.0488	0.0023	0.0302	0.0764	0.0104	0.0037	0.0012	0.1731	0.3072
276	2025	ALT1	WB	AM	Mainline	0.45	0.56	9.81	2.25	3683	2695	0.0570	0.0525	0.0134	0.0006	0.0077	0.0199	0.0029	0.0010	0.0003	0.0465	0.0764
277	2025	ALT1	WB	AM	Mainline	0.95	1.20	21.59	5.04	8041	5911	0.1250	0.1152	0.0284	0.0013	0.0179	0.0450	0.0060	0.0021	0.0007	0.1024	0.1832
278	2025	ALT1	WB	AM	Mainline	0.51	0.64	11.62	2.74	4330	3190	0.0679	0.0625	0.0151	0.0007	0.0099	0.0246	0.0032	0.0011	0.0004	0.0558	0.1025
279	2025	ALT1	WB	AM	Mainline	0.92	1.17	23.06	5.20	8168	6024	0.1160	0.1069	0.0272	0.0012	0.0197	0.0481	0.0057	0.0021	0.0007	0.0929	0.2136
280	2025	ALT1	WB	AM	Mainline	0.94	1.19	22.45	5.34	8254	6106	0.1275	0.1175	0.0279	0.0013	0.0199	0.0487	0.0058	0.0021	0.0007	0.1048	0.2143
281	2025	ALT1	WB	AM	Mainline	0.69	0.88	18.06	3.91	6188	4556	0.0806	0.0743	0.0204	0.0009	0.0154	0.0373	0.0042	0.0017	0.0005	0.0625	0.1702
282	2025	ALT1	WB	AM	Mainline	1.01	1.28	25.45	5.75	9010	6651	0.1280	0.1180	0.0299	0.0014	0.0220	0.0534	0.0062	0.0024	0.0008	0.1027	0.2395
283	2025	ALT1	WB	AM	Mainline	0.96	1.23	25.27	5.43	8619	6343	0.1108	0.1021	0.0284	0.0013	0.0215	0.0519	0.0059	0.0023	0.0007	0.0855	0.2371
284	2025	ALT1	WB	AM	Mainline	1.26	1.64	34.50	6.90	11326	8299	0.1267	0.1169	0.0374	0.0017	0.0295	0.0707	0.0076	0.0033	0.0008	0.0905	0.3319
285	2025	ALT1	WB	AM	Mainline	0.86	1.10	22.91	4.78	7725	5662	0.0963	0.0888	0.0256	0.0012	0.0184	0.0450	0.0053	0.0021	0.0006	0.0733	0.2003
286	2025	ALT1	WB	AM	Mainline	0.81	1.06	22.51	4.36	7295	5323	0.0788	0.0727	0.0242	0.0011	0.0182	0.0441	0.0050	0.0022	0.0005	0.0551	0.2023
287	2025	ALT1	WB	AM	Mainline	1.36	1.74	35.97	7.51	12183	8921	0.1538	0.1418	0.0405	0.0019	0.0283	0.0696	0.0085	0.0033	0.0010	0.1177	0.3043
288	2025	ALT1	WB	AM	Mainline	0.15	0.19	3.69	0.77	1272	926	0.0165	0.0152	0.0044	0.0002	0.0027	0.0068	0.0009	0.0003	0.0001	0.0127	0.0274
289	2025	ALT1	WB	AM	Mainline	1.50	1.93	40.82	8.23	13472	9843	0.1581	0.1458	0.0446	0.0020	0.0317	0.0777	0.0093	0.0038	0.0010	0.1168	0.3442
290	2025	ALT1	WB	AM	Ramp	0.10	0.13	3.11	0.36	868	595	0.0048	0.0045	0.0031	0.0002	0.0007	0.0027	0.0007	0.0003	0.0001	0.0009	0.0036
291	2025	ALT1	WB	AM	Ramp	0.09	0.13	2.39	0.27	755	518	0.0049	0.0045	0.0029	0.0002	0.0007	0.0025	0.0006	0.0004	0.0001	0.0008	0.0035
292	2025	ALT1	WB	AM	Ramp	0.02	0.02	0.52	0.06	145	99	0.0008	0.0008	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0002	0.0006
293	2025	ALT1	WB	AM	Ramp	0.16	0.23	2.42	0.31	1095	751	0.0096	0.0089	0.0052	0.0003	0.0017	0.0053	0.0011	0.0008	0.0001	0.0010	0.0131
294	2025	ALT1	WB	AM	Ramp	0.06	0.09	1.53	0.18	510	350	0.0035	0.0032	0.0020	0.0001	0.0005	0.0018	0.0004	0.0003	0.0000	0.0006	0.0028
295	2025	ALT1	WB	AM	Ramp	0.09	0.13	1.64	0.21	666	460	0.0055	0.0051	0.0030	0.0001	0.0012	0.0035	0.0006	0.0004	0.0001	0.0009	0.0106

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
296	2025	ALT1	WB	AM	Ramp	0.04	0.06	0.88	0.11	330	228	0.0026	0.0024	0.0014	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0005	0.0047
297	2025	ALT1	WB	AM	Ramp	0.81	1.08	18.51	3.78	6669	4876	0.0702	0.0648	0.0240	0.0010	0.0202	0.0479	0.0048	0.0024	0.0005	0.0431	0.2339
298	2025	ALT1	WB	AM	Ramp	0.01	0.01	0.18	0.02	53	37	0.0003	0.0003	0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0002
299	2025	ALT1	WB	AM	Ramp	0.04	0.05	1.15	0.13	327	224	0.0019	0.0018	0.0012	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0004	0.0016
300	2025	ALT1	WB	AM	Ramp	0.34	0.47	10.33	1.19	2988	2052	0.0177	0.0164	0.0108	0.0006	0.0027	0.0095	0.0024	0.0013	0.0002	0.0034	0.0148
301	2025	ALT1	WB	AM	Ramp	0.10	0.14	2.07	0.28	765	532	0.0061	0.0057	0.0032	0.0002	0.0014	0.0039	0.0007	0.0004	0.0001	0.0015	0.0125
302	2025	ALT1	WB	AM	Ramp	0.04	0.06	0.99	0.11	324	222	0.0021	0.0020	0.0013	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0003	0.0014
303	2025	ALT1	WB	AM	Ramp	0.02	0.03	0.50	0.08	160	113	0.0013	0.0012	0.0006	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0006	0.0030
304	2025	ALT1	WB	AM	Ramp	0.06	0.09	1.22	0.14	457	314	0.0035	0.0032	0.0019	0.0001	0.0006	0.0019	0.0004	0.0003	0.0000	0.0005	0.0040
305	2025	ALT1	WB	AM	Ramp	0.04	0.05	0.99	0.13	311	218	0.0023	0.0021	0.0011	0.0001	0.0005	0.0013	0.0002	0.0001	0.0000	0.0008	0.0041
306	2025	ALT1	WB	AM	Ramp	0.08	0.11	1.60	0.17	588	401	0.0042	0.0039	0.0025	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0020
307	2025	ALT1	WB	AM	Ramp	0.04	0.06	0.77	0.10	302	209	0.0025	0.0023	0.0013	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0005	0.0053
308	2025	ALT1	WB	AM	Ramp	0.12	0.17	2.10	0.26	846	582	0.0069	0.0064	0.0038	0.0002	0.0013	0.0040	0.0008	0.0005	0.0001	0.0010	0.0108
309	2025	ALT1	WB	AM	Ramp	0.04	0.05	0.62	0.11	251	180	0.0025	0.0023	0.0011	0.0000	0.0009	0.0022	0.0002	0.0001	0.0000	0.0011	0.0106
310	2025	ALT1	WB	AM	Ramp	0.24	0.33	6.49	0.91	2055	1440	0.0155	0.0143	0.0075	0.0004	0.0032	0.0092	0.0016	0.0009	0.0001	0.0057	0.0296
311	2025	ALT1	WB	AM	Ramp	0.08	0.11	1.51	0.21	571	398	0.0047	0.0043	0.0024	0.0001	0.0011	0.0031	0.0005	0.0003	0.0000	0.0012	0.0108
312	2025	ALT1	WB	AM	Ramp	0.03	0.05	0.92	0.11	290	201	0.0020	0.0018	0.0011	0.0001	0.0003	0.0011	0.0002	0.0001	0.0000	0.0005	0.0024
313	2025	ALT1	WB	AM	Ramp	0.20	0.28	6.10	0.80	1792	1247	0.0121	0.0112	0.0063	0.0003	0.0024	0.0070	0.0014	0.0007	0.0001	0.0042	0.0192
314	2025	ALT1	WB	AM	Ramp	0.05	0.07	1.24	0.14	406	279	0.0027	0.0025	0.0016	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0005	0.0023
315	2025	ALT1	WB	AM	Ramp	0.07	0.09	1.45	0.20	517	360	0.0041	0.0038	0.0021	0.0001	0.0008	0.0024	0.0005	0.0003	0.0000	0.0011	0.0072
316	2025	ALT1	WB	AM	Ramp	0.04	0.05	0.96	0.11	307	210	0.0020	0.0019	0.0012	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0003	0.0016
317	2025	ALT1	WB	AM	Ramp	0.05	0.07	1.02	0.14	373	260	0.0030	0.0028	0.0015	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0009	0.0066
318	2025	ALT1	WB	AM	Ramp	0.05	0.07	1.34	0.16	436	299	0.0030	0.0027	0.0017	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0005	0.0027
319	2025	ALT1	WB	AM	Ramp	0.09	0.12	1.94	0.25	684	473	0.0052	0.0048	0.0028	0.0001	0.0009	0.0029	0.0006	0.0004	0.0001	0.0012	0.0076
320	2025	ALT1	WB	AM	Ramp	0.04	0.05	0.93	0.11	310	214	0.0022	0.0020	0.0012	0.0001	0.0004	0.0012	0.0003	0.0002	0.0000	0.0005	0.0025
321	2025	ALT1	WB	AM	Ramp	0.10	0.15	2.06	0.25	772	531	0.0059	0.0055	0.0033	0.0002	0.0011	0.0033	0.0007	0.0004	0.0001	0.0010	0.0082
322	2025	ALT1	WB	AM	Ramp	0.05	0.07	0.96	0.12	367	254	0.0029	0.0027	0.0016	0.0001	0.0006	0.0018	0.0003	0.0002	0.0000	0.0005	0.0051
323	2025	ALT1	WB	AM	Ramp	0.10	0.13	2.68	0.38	830	582	0.0062	0.0057	0.0030	0.0001	0.0013	0.0037	0.0006	0.0003	0.0001	0.0024	0.0120
324	2025	ALT1	WB	AM	Ramp	0.03	0.04	0.88	0.12	272	189	0.0019	0.0018	0.0010	0.0001	0.0004	0.0011	0.0002	0.0001	0.0000	0.0006	0.0031
325	2025	ALT1	WB	AM	Ramp	0.24	0.34	4.89	0.63	1814	1255	0.0142	0.0131	0.0076	0.0004	0.0029	0.0086	0.0017	0.0010	0.0002	0.0030	0.0251
326	2025	ALT1	WB	AM	Ramp																	
327	2025	ALT1	WB	AM	Ramp																	
328	2025	ALT1	WB	AM	Ramp	0.03	0.04	0.89	0.10	268	184	0.0017	0.0015	0.0010	0.0001	0.0003	0.0009	0.0002	0.0001	0.0000	0.0003	0.0015
329	2025	ALT1	WB	AM	Ramp	0.10	0.15	2.23	0.28	802	553	0.0060	0.0056	0.0033	0.0002	0.0011	0.0034	0.0007	0.0004	0.0001	0.0012	0.0084
330	2025	ALT1	WB	AM	Ramp	0.02	0.02	0.49	0.07	151	105	0.0011	0.0010	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0018
331	2025	ALT1	WB	AM	Ramp	0.14	0.19	3.79	0.49	1169	812	0.0082	0.0075	0.0043	0.0002	0.0016	0.0047	0.0009	0.0005	0.0001	0.0025	0.0126
332	2025	ALT1	WB	AM	Ramp	0.03	0.04	0.82	0.11	239	167	0.0017	0.0016	0.0008	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0007	0.0030
333	2025	ALT1	WB	AM	Ramp	0.09	0.12	2.55	0.34	778	543	0.0056	0.0051	0.0028	0.0001	0.0011	0.0033	0.0006	0.0003	0.0001	0.0020	0.0097
334	2025	ALT1	WB	AM	Ramp	0.04	0.06	1.27	0.17	380	266	0.0027	0.0025	0.0014	0.0001	0.0006	0.0016	0.0003	0.0001	0.0000	0.0010	0.0050
335	2025	ALT1	WB	AM	Ramp	0.14	0.19	3.70	0.55	1187	836	0.0094	0.0087	0.0043	0.0002	0.0021	0.0057	0.0009	0.0005	0.0001	0.0039	0.0205
336	2025	ALT1	WB	AM	Ramp	0.10	0.14	2.69	0.38	860	603	0.0066	0.0061	0.0032	0.0002	0.0014	0.0039	0.0007	0.0004	0.0001	0.0025	0.0129
337	2025	ALT1	WB	AM	Ramp	0.03	0.04	0.72	0.17	260	194	0.0031	0.0029	0.0009	0.0000	0.0009	0.0021	0.0002	0.0001	0.0000	0.0022	0.0109
338	2025	ALT1	WB	AM	Ramp	0.03	0.04	0.74	0.17	272	203	0.0032	0.0030	0.0009	0.0000	0.0010	0.0022	0.0002	0.0001	0.0000	0.0023	0.0116
339	2025	ALT1	WB	AM	Ramp	0.13	0.17	3.99	0.56	1139	795	0.0077	0.0072	0.0040	0.0002	0.0014	0.0043	0.0009	0.0004	0.0001	0.0035	0.0111
340	2025	ALT1	WB	AM	Ramp	0.70	0.94	16.60	2.98	5768	4152	0.0546	0.0504	0.0211	0.0010	0.0145	0.0360	0.0044	0.0023	0.0004	0.0292	0.1601
341	2025	ALT1	WB	AM	Ramp	0.65	0.88	13.74	2.51	5133	3688	0.0500	0.0462	0.0197	0.0009	0.0132	0.0329	0.0041	0.0022	0.0004	0.0248	0.1444
342	2025	ALT1	WB	AM	Ramp	0.08	0.12	2.12	0.28	697	484	0.0051	0.0047	0.0026	0.0001	0.0010	0.0029	0.0006	0.0003	0.0001	0.0015	0.0079
343	2025	ALT1	WB	AM	Ramp	0.07	0.09	0.92	0.27	428	323	0.0054	0.0050	0.0020	0.0001	0.0029	0.0064	0.0004	0.0002	0.0000	0.0035	0.0374

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
344	2025	ALT1	WB	AM	Ramp	0.07	0.09	1.70	0.22	553	384	0.0040	0.0037	0.0021	0.0001	0.0007	0.0023	0.0005	0.0003	0.0000	0.0012	0.0061
345	2025	ALT1	WB	AM	Ramp	0.03	0.03	0.40	0.09	170	124	0.0018	0.0017	0.0007	0.0000	0.0008	0.0017	0.0001	0.0001	0.0000	0.0010	0.0092
346	2025	ALT1	WB	AM	Ramp	0.04	0.05	0.66	0.12	261	187	0.0025	0.0023	0.0011	0.0000	0.0008	0.0021	0.0002	0.0001	0.0000	0.0011	0.0097
347	2025	ALT1	WB	AM	Ramp	0.07	0.10	1.37	0.16	514	353	0.0039	0.0036	0.0022	0.0001	0.0007	0.0021	0.0005	0.0003	0.0000	0.0006	0.0047
348	2025	ALT1	WB	AM	Ramp	0.31	0.42	8.23	1.16	2631	1845	0.0201	0.0186	0.0097	0.0005	0.0043	0.0120	0.0021	0.0011	0.0002	0.0076	0.0396
349	2025	ALT1	WB	AM	Ramp	0.04	0.05	0.99	0.16	327	233	0.0029	0.0026	0.0012	0.0001	0.0007	0.0018	0.0002	0.0001	0.0000	0.0014	0.0074
350	2025	ALT1	WB	AM	Ramp	0.04	0.06	1.37	0.18	394	274	0.0026	0.0024	0.0014	0.0001	0.0005	0.0015	0.0003	0.0001	0.0000	0.0009	0.0037
351	2025	ALT1	WB	AM	Ramp	0.03	0.04	0.46	0.14	212	161	0.0028	0.0026	0.0009	0.0000	0.0012	0.0027	0.0002	0.0001	0.0000	0.0019	0.0158
352	2025	ALT1	WB	AM	Ramp	0.03	0.04	0.67	0.08	231	159	0.0016	0.0015	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0003	0.0017
353	2025	ALT1	WB	AM	Ramp	0.06	0.08	1.66	0.21	509	353	0.0035	0.0032	0.0019	0.0001	0.0006	0.0020	0.0004	0.0002	0.0000	0.0010	0.0051
354	2025	ALT1	WB	AM	Ramp	0.27	0.37	4.41	0.65	1816	1267	0.0159	0.0148	0.0083	0.0004	0.0046	0.0121	0.0017	0.0011	0.0002	0.0039	0.0482
355	2025	ALT1	WB	AM	Ramp	0.04	0.06	1.03	0.14	347	242	0.0027	0.0025	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0044
356	2025	ALT1	WB	AM	Ramp	0.12	0.17	2.04	0.26	831	573	0.0069	0.0064	0.0037	0.0002	0.0014	0.0042	0.0008	0.0005	0.0001	0.0011	0.0124
357	2025	ALT1	WB	AM	Ramp	0.23	0.32	3.68	0.47	1556	1070	0.0131	0.0122	0.0072	0.0004	0.0026	0.0078	0.0016	0.0010	0.0001	0.0018	0.0216
358	2025	ALT1	WB	AM	Ramp	0.11	0.15	1.41	0.30	637	460	0.0067	0.0062	0.0032	0.0001	0.0035	0.0078	0.0006	0.0003	0.0001	0.0028	0.0423
359	2025	ALT1	WB	AM	Ramp	0.14	0.20	2.16	0.28	945	650	0.0082	0.0076	0.0045	0.0002	0.0016	0.0049	0.0010	0.0006	0.0001	0.0011	0.0140
360	2025	ALT1	WB	AM	Ramp	0.07	0.10	1.19	0.19	483	341	0.0044	0.0041	0.0022	0.0001	0.0015	0.0037	0.0004	0.0003	0.0000	0.0015	0.0164
361	2025	ALT1	WB	AM	Ramp	0.09	0.13	1.31	0.18	580	401	0.0052	0.0048	0.0028	0.0001	0.0013	0.0036	0.0006	0.0004	0.0001	0.0009	0.0125
362	2025	ALT1	WB	AM	Ramp	0.04	0.05	0.86	0.13	292	206	0.0024	0.0023	0.0011	0.0001	0.0006	0.0015	0.0002	0.0001	0.0000	0.0010	0.0057
363	2025	ALT1	WB	AM	Ramp	0.15	0.22	2.72	0.34	1088	749	0.0088	0.0082	0.0048	0.0002	0.0017	0.0052	0.0011	0.0007	0.0001	0.0013	0.0139
364	2025	ALT1	WB	AM	HOV																	
365	2025	ALT1	WB	AM	HOV																	
366	2025	ALT1	WB	AM	HOV																	
367	2025	ALT1	WB	AM	HOV																	
368	2025	ALT1	WB	AM	HOV																	
369	2025	ALT1	WB	AM	HOV																	
370	2025	ALT1	WB	AM	HOV																	
371	2025	ALT1	WB	AM	HOV																	
372	2025	ALT1	WB	AM	HOV																	
373	2025	ALT1	WB	AM	HOV																	
374	2025	ALT1	WB	AM	HOV																	
375	2025	ALT1	WB	AM	HOV																	
376	2025	ALT1	WB	AM	HOV																	
377	2025	ALT1	WB	AM	HOV																	
378	2025	ALT1	WB	AM	HOV																	
379	2025	ALT1	WB	AM	HOV																	
380	2025	ALT1	WB	AM	HOV																	
381	2025	ALT1	WB	AM	HOV																	
382	2025	ALT1	WB	AM	HOV																	
383	2025	ALT1	WB	AM	HOV																	
384	2025	ALT1	WB	AM	HOV																	
385	2025	ALT1	WB	AM	HOV																	
386	2025	ALT1	WB	AM	HOV																	
387	2025	ALT1	WB	AM	HOV																	
388	2025	ALT1	WB	AM	HOV																	
389	2025	ALT1	WB	AM	HOV																	
390	2025	ALT1	WB	AM	HOV																	
391	2025	ALT1	WB	AM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
392	2025	ALT1	WB	AM	HOV																	
393	2025	ALT1	WB	AM	HOV																	
394	2025	ALT1	WB	AM	HOV																	
395	2025	ALT1	WB	AM	HOV																	
396	2025	ALT1	WB	AM	HOV																	
397	2025	ALT1	WB	AM	HOV																	
398	2025	ALT1	WB	AM	HOV																	
399	2025	ALT1	WB	AM	HOV																	
400	2025	ALT1	WB	AM	HOV																	
401	2025	ALT1	WB	AM	HOV																	
402	2025	ALT1	WB	AM	HOV																	
403	2025	ALT1	WB	AM	HOV																	
404	2025	ALT1	WB	AM	HOV																	
405	2025	ALT1	WB	AM	HOV																	
406	2025	ALT1	WB	AM	HOV																	
407	2025	ALT1	WB	AM	HOV																	
408	2025	ALT1	WB	AM	HOV																	
409	2025	ALT1	WB	AM	HOV																	
410	2025	ALT1	WB	AM	HOV																	
411	2025	ALT1	WB	AM	HOV																	
412	2025	ALT1	WB	AM	HOV																	
413	2025	ALT1	WB	AM	HOV																	
414	2025	ALT1	WB	AM	HOV																	
415	2025	ALT1	WB	AM	HOV																	
416	2025	ALT1	WB	AM	HOV																	
417	2025	ALT1	WB	AM	HOV																	
418	2025	ALT1	WB	AM	HOV																	
419	2025	ALT1	WB	AM	HOV	0.25	0.34	8.47	0.96	2261	1540	0.0102	0.0094	0.0080	0.0004	0.0015	0.0061	0.0018	0.0008	0.0001	0.0010	0.0024
420	2025	ALT1	WB	AM	HOV	0.25	0.34	8.47	0.96	2261	1540	0.0102	0.0094	0.0080	0.0004	0.0015	0.0061	0.0018	0.0008	0.0001	0.0010	0.0024
421	2025	ALT1	WB	AM	HOV	0.10	0.14	3.40	0.39	906	617	0.0041	0.0038	0.0032	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0010
422	2025	ALT1	WB	AM	HOV	0.16	0.21	4.92	0.59	1360	927	0.0058	0.0054	0.0050	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0013
423	2025	ALT1	WB	AM	HOV	0.16	0.21	4.92	0.59	1360	927	0.0058	0.0054	0.0050	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0013
424	2025	ALT1	WB	AM	HOV	0.16	0.21	4.92	0.59	1360	927	0.0058	0.0054	0.0050	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0013
425	2025	ALT1	WB	AM	HOV	0.16	0.21	4.92	0.59	1360	927	0.0058	0.0054	0.0050	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0013
426	2025	ALT1	WB	AM	HOV	0.18	0.24	5.80	0.69	1588	1082	0.0069	0.0064	0.0058	0.0003	0.0011	0.0044	0.0013	0.0005	0.0001	0.0007	0.0016
427	2025	ALT1	WB	AM	HOV	0.18	0.24	5.80	0.69	1588	1082	0.0069	0.0064	0.0058	0.0003	0.0011	0.0044	0.0013	0.0005	0.0001	0.0007	0.0016
428	2025	ALT1	WB	AM	HOV	0.18	0.24	5.80	0.69	1588	1082	0.0069	0.0064	0.0058	0.0003	0.0011	0.0044	0.0013	0.0005	0.0001	0.0007	0.0016
429	2025	ALT1	WB	AM	HOV	0.18	0.24	5.80	0.69	1588	1082	0.0069	0.0064	0.0058	0.0003	0.0011	0.0044	0.0013	0.0005	0.0001	0.0007	0.0016
430	2025	ALT1	WB	AM	HOV	0.17	0.23	5.62	0.66	1515	1032	0.0067	0.0062	0.0054	0.0003	0.0010	0.0041	0.0012	0.0005	0.0001	0.0007	0.0015
431	2025	ALT1	WB	AM	HOV	0.17	0.23	5.62	0.66	1515	1032	0.0067	0.0062	0.0054	0.0003	0.0010	0.0041	0.0012	0.0005	0.0001	0.0007	0.0015
432	2025	ALT1	WB	AM	HOV	0.17	0.23	5.62	0.66	1515	1032	0.0067	0.0062	0.0054	0.0003	0.0010	0.0041	0.0012	0.0005	0.0001	0.0007	0.0015
433	2025	ALT1	WB	AM	HOV	0.17	0.23	5.62	0.66	1515	1032	0.0067	0.0062	0.0054	0.0003	0.0010	0.0041	0.0012	0.0005	0.0001	0.0007	0.0015
434	2025	ALT1	WB	AM	HOV	0.17	0.23	5.62	0.66	1515	1032	0.0067	0.0062	0.0054	0.0003	0.0010	0.0041	0.0012	0.0005	0.0001	0.0007	0.0015
435	2025	ALT1	WB	AM	HOV	0.11	0.15	3.69	0.41	979	667	0.0045	0.0042	0.0034	0.0002	0.0006	0.0026	0.0008	0.0004	0.0001	0.0004	0.0011
436	2025	ALT1	WB	AM	HOV	0.11	0.15	3.69	0.41	979	667	0.0045	0.0042	0.0034	0.0002	0.0006	0.0026	0.0008	0.0004	0.0001	0.0004	0.0011
437	2025	ALT1	WB	AM	HOV	0.11	0.15	3.69	0.41	979	667	0.0045	0.0042	0.0034	0.0002	0.0006	0.0026	0.0008	0.0004	0.0001	0.0004	0.0011
216	2025	ALT1	WB	MD	Mainline	1.77	2.21	36.67	8.87	14251	10478	0.2408	0.2218	0.0529	0.0025	0.0311	0.0797	0.0114	0.0038	0.0014	0.2007	0.3076
217	2025	ALT1	WB	MD	Mainline	3.17	3.97	66.74	16.55	26029	19215	0.4500	0.4146	0.0945	0.0044	0.0588	0.1486	0.0202	0.0068	0.0025	0.3783	0.5978

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
218	2025	ALT1	WB	MD	Mainline	2.30	2.88	47.89	11.35	18456	13535	0.3033	0.2794	0.0689	0.0033	0.0394	0.1017	0.0148	0.0049	0.0017	0.2508	0.3856
219	2025	ALT1	WB	MD	Mainline	3.05	3.84	67.97	16.23	25720	18943	0.4153	0.3826	0.0912	0.0043	0.0577	0.1452	0.0194	0.0067	0.0023	0.3438	0.5919
220	2025	ALT1	WB	MD	Mainline	1.79	2.24	39.01	8.94	14669	10730	0.2272	0.2094	0.0536	0.0026	0.0307	0.0793	0.0115	0.0039	0.0013	0.1853	0.3017
221	2025	ALT1	WB	MD	Mainline	1.54	1.93	34.50	8.05	12912	9484	0.2019	0.1860	0.0459	0.0022	0.0283	0.0718	0.0098	0.0034	0.0012	0.1655	0.2880
222	2025	ALT1	WB	MD	Mainline	1.82	2.29	40.26	9.04	14975	10930	0.2248	0.2071	0.0546	0.0026	0.0308	0.0798	0.0118	0.0040	0.0013	0.1816	0.3004
223	2025	ALT1	WB	MD	Mainline	0.87	1.09	19.43	4.31	7167	5226	0.1054	0.0971	0.0261	0.0012	0.0147	0.0380	0.0056	0.0019	0.0006	0.0846	0.1429
224	2025	ALT1	WB	MD	Mainline	1.02	1.28	22.83	4.69	8228	5937	0.1086	0.1001	0.0308	0.0015	0.0152	0.0408	0.0067	0.0023	0.0007	0.0837	0.1377
225	2025	ALT1	WB	MD	Mainline	0.65	0.82	14.41	3.00	5231	3780	0.0707	0.0652	0.0196	0.0010	0.0098	0.0262	0.0043	0.0015	0.0004	0.0550	0.0893
226	2025	ALT1	WB	MD	Mainline	3.02	3.79	63.89	13.46	23642	17082	0.3298	0.3040	0.0914	0.0045	0.0442	0.1195	0.0200	0.0066	0.0020	0.2583	0.3947
227	2025	ALT1	WB	MD	Mainline	1.15	1.44	24.05	4.90	8840	6359	0.1178	0.1086	0.0348	0.0017	0.0158	0.0436	0.0077	0.0025	0.0007	0.0906	0.1361
228	2025	ALT1	WB	MD	Mainline	0.66	0.83	13.86	2.72	5031	3603	0.0631	0.0582	0.0200	0.0010	0.0086	0.0241	0.0044	0.0014	0.0004	0.0473	0.0712
229	2025	ALT1	WB	MD	Mainline	4.07	5.13	91.47	18.15	32617	23431	0.4087	0.3768	0.1234	0.0061	0.0574	0.1573	0.0271	0.0092	0.0025	0.3083	0.5039
230	2025	ALT1	WB	MD	Mainline	1.03	1.29	22.40	4.41	8051	5773	0.1005	0.0927	0.0312	0.0016	0.0139	0.0386	0.0069	0.0023	0.0006	0.0755	0.1185
231	2025	ALT1	WB	MD	Mainline	1.05	1.33	23.60	4.74	8449	6078	0.1078	0.0994	0.0319	0.0016	0.0151	0.0411	0.0070	0.0024	0.0007	0.0820	0.1340
232	2025	ALT1	WB	MD	Mainline	1.12	1.42	24.64	4.88	8853	6353	0.1113	0.1026	0.0342	0.0017	0.0154	0.0427	0.0075	0.0025	0.0007	0.0839	0.1326
233	2025	ALT1	WB	MD	Mainline	3.33	4.23	82.82	16.47	28352	20468	0.3443	0.3174	0.1006	0.0048	0.0538	0.1414	0.0217	0.0079	0.0022	0.2577	0.5143
234	2025	ALT1	WB	MD	Mainline	0.56	0.71	13.39	2.63	4653	3346	0.0564	0.0520	0.0171	0.0008	0.0084	0.0226	0.0037	0.0013	0.0004	0.0420	0.0763
235	2025	ALT1	WB	MD	Mainline	2.12	2.70	53.28	10.50	18118	13074	0.2169	0.2000	0.0640	0.0031	0.0343	0.0903	0.0138	0.0051	0.0014	0.1614	0.3292
236	2025	ALT1	WB	MD	Mainline	1.43	1.81	34.06	6.75	11855	8535	0.1453	0.1339	0.0433	0.0021	0.0216	0.0580	0.0094	0.0033	0.0009	0.1089	0.1989
237	2025	ALT1	WB	MD	Mainline	2.33	2.94	51.89	10.54	18704	13473	0.2438	0.2248	0.0708	0.0035	0.0339	0.0920	0.0155	0.0053	0.0015	0.1868	0.3024
238	2025	ALT1	WB	MD	Mainline	0.74	0.93	16.66	3.33	5941	4274	0.0753	0.0694	0.0223	0.0011	0.0106	0.0289	0.0049	0.0017	0.0005	0.0571	0.0944
239	2025	ALT1	WB	MD	Mainline	0.65	0.83	14.87	2.96	5287	3801	0.0664	0.0612	0.0198	0.0010	0.0094	0.0256	0.0043	0.0015	0.0004	0.0502	0.0836
240	2025	ALT1	WB	MD	Mainline	0.83	1.05	19.00	3.63	6659	4763	0.0782	0.0721	0.0252	0.0013	0.0112	0.0312	0.0056	0.0019	0.0005	0.0573	0.0955
241	2025	ALT1	WB	MD	Mainline	2.99	3.79	69.34	13.47	24291	17422	0.2918	0.2691	0.0909	0.0045	0.0422	0.1157	0.0199	0.0069	0.0018	0.2165	0.3709
242	2025	ALT1	WB	MD	Mainline	0.21	0.27	4.83	0.93	1706	1221	0.0204	0.0188	0.0065	0.0003	0.0029	0.0080	0.0014	0.0005	0.0001	0.0151	0.0245
243	2025	ALT1	WB	MD	Mainline	2.58	3.26	59.73	11.71	20966	15056	0.2553	0.2353	0.0782	0.0038	0.0369	0.1007	0.0171	0.0059	0.0016	0.1905	0.3282
244	2025	ALT1	WB	MD	Mainline	0.40	0.51	8.96	1.75	3189	2286	0.0392	0.0361	0.0122	0.0006	0.0055	0.0152	0.0027	0.0009	0.0002	0.0292	0.0471
245	2025	ALT1	WB	MD	Mainline	2.41	3.05	55.72	11.02	19644	14121	0.2430	0.2240	0.0732	0.0036	0.0350	0.0951	0.0160	0.0056	0.0015	0.1826	0.3131
246	2025	ALT1	WB	MD	Mainline	1.91	2.41	42.61	8.37	15188	10894	0.1877	0.1731	0.0580	0.0029	0.0263	0.0727	0.0128	0.0043	0.0012	0.1407	0.2272
247	2025	ALT1	WB	MD	Mainline	2.42	3.07	55.63	11.14	19736	14207	0.2493	0.2298	0.0735	0.0036	0.0356	0.0964	0.0161	0.0056	0.0015	0.1890	0.3213
248	2025	ALT1	WB	MD	Mainline	0.77	0.97	17.12	3.39	6129	4400	0.0769	0.0709	0.0234	0.0012	0.0107	0.0295	0.0051	0.0017	0.0005	0.0580	0.0932
249	2025	ALT1	WB	MD	Mainline	2.51	3.16	54.25	10.98	19699	14171	0.2572	0.2371	0.0761	0.0038	0.0352	0.0966	0.0167	0.0056	0.0016	0.1967	0.3074
250	2025	ALT1	WB	MD	Mainline	3.91	4.93	86.96	17.43	31215	22447	0.3987	0.3675	0.1186	0.0058	0.0556	0.1519	0.0260	0.0088	0.0025	0.3029	0.4892
251	2025	ALT1	WB	MD	Mainline	2.89	3.64	65.40	13.46	23498	16967	0.3103	0.2860	0.0873	0.0043	0.0437	0.1171	0.0190	0.0065	0.0019	0.2394	0.4008
252	2025	ALT1	WB	MD	Mainline	2.39	3.01	52.88	10.74	19081	13743	0.2490	0.2295	0.0724	0.0036	0.0345	0.0938	0.0158	0.0054	0.0015	0.1908	0.3072
253	2025	ALT1	WB	MD	Mainline	1.71	2.16	37.87	7.69	13665	9842	0.1783	0.1644	0.0518	0.0025	0.0247	0.0672	0.0113	0.0038	0.0011	0.1366	0.2200
254	2025	ALT1	WB	MD	Mainline	1.65	2.08	36.51	7.41	13173	9488	0.1719	0.1584	0.0500	0.0025	0.0238	0.0648	0.0109	0.0037	0.0011	0.1317	0.2121
255	2025	ALT1	WB	MD	Mainline	2.73	3.45	61.63	12.96	22328	16166	0.3047	0.2808	0.0826	0.0040	0.0426	0.1132	0.0179	0.0062	0.0018	0.2381	0.3979
256	2025	ALT1	WB	MD	Mainline	1.77	2.23	39.03	8.01	14140	10196	0.1874	0.1728	0.0536	0.0026	0.0259	0.0701	0.0117	0.0040	0.0011	0.1445	0.2323
257	2025	ALT1	WB	MD	Mainline	2.19	2.77	49.80	10.35	17922	12961	0.2399	0.2211	0.0662	0.0032	0.0339	0.0903	0.0144	0.0050	0.0014	0.1861	0.3153
258	2025	ALT1	WB	MD	Mainline	2.10	2.64	44.94	9.20	16436	11836	0.2191	0.2020	0.0638	0.0031	0.0297	0.0813	0.0140	0.0046	0.0013	0.1688	0.2600
259	2025	ALT1	WB	MD	Mainline	3.08	3.87	65.54	13.46	24038	17315	0.3227	0.2974	0.0935	0.0046	0.0436	0.1193	0.0205	0.0068	0.0020	0.2491	0.3812
260	2025	ALT1	WB	MD	Mainline	2.05	2.58	44.25	9.03	16130	11614	0.2136	0.1969	0.0623	0.0031	0.0291	0.0796	0.0137	0.0046	0.0013	0.1642	0.2554
261	2025	ALT1	WB	MD	Mainline	2.53	3.18	55.74	11.47	20216	14583	0.2693	0.2482	0.0765	0.0037	0.0372	0.1005	0.0167	0.0057	0.0016	0.2080	0.3344
262	2025	ALT1	WB	MD	Mainline	6.81	8.57	147.53	30.68	53993	38979	0.7345	0.6770	0.2063	0.0101	0.1000	0.2705	0.0451	0.0151	0.0044	0.5710	0.8977
263	2025	ALT1	WB	MD	Mainline	3.26	4.11	73.23	15.30	26533	19189	0.3594	0.3313	0.0986	0.0048	0.0500	0.1335	0.0215	0.0074	0.0022	0.2799	0.4623
264	2025	ALT1	WB	MD	Mainline	1.19	1.51	29.41	6.27	10294	7511	0.1378	0.1270	0.0356	0.0017	0.0219	0.0556	0.0076	0.0028	0.0008	0.1076	0.2241
265	2025	ALT1	WB	MD	Mainline	0.67	0.85	15.56	3.41	5644	4115	0.0804	0.0741	0.0202	0.0010	0.0117	0.0300	0.0043	0.0015	0.0005	0.0640	0.1151

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
266	2025	ALT1	WB	MD	Mainline	2.35	2.96	53.77	12.28	19826	14536	0.2990	0.2755	0.0702	0.0033	0.0431	0.1092	0.0150	0.0053	0.0017	0.2426	0.4374
267	2025	ALT1	WB	MD	Mainline	0.70	0.88	16.21	3.83	6015	4434	0.0937	0.0863	0.0209	0.0010	0.0138	0.0344	0.0044	0.0016	0.0005	0.0769	0.1445
268	2025	ALT1	WB	MD	Mainline	0.14	0.17	2.95	0.73	1147	848	0.0198	0.0183	0.0041	0.0002	0.0026	0.0066	0.0009	0.0003	0.0001	0.0167	0.0270
269	2025	ALT1	WB	MD	Mainline	3.19	4.02	74.47	18.75	28133	20955	0.4663	0.4295	0.0942	0.0042	0.0715	0.1725	0.0195	0.0071	0.0026	0.3912	0.7841
270	2025	ALT1	WB	MD	Mainline	1.44	1.82	34.91	8.52	12856	9571	0.2015	0.1856	0.0424	0.0019	0.0335	0.0801	0.0087	0.0033	0.0011	0.1668	0.3722
271	2025	ALT1	WB	MD	Mainline	1.92	2.40	42.68	12.40	17236	13081	0.3331	0.3068	0.0556	0.0024	0.0506	0.1177	0.0112	0.0041	0.0018	0.2912	0.5825
272	2025	ALT1	WB	MD	Mainline	1.40	1.75	31.72	9.07	12651	9600	0.2374	0.2186	0.0406	0.0017	0.0377	0.0875	0.0081	0.0030	0.0013	0.2064	0.4374
273	2025	ALT1	WB	MD	Mainline	1.45	1.82	31.59	9.07	12820	9690	0.2515	0.2316	0.0424	0.0018	0.0358	0.0845	0.0087	0.0031	0.0013	0.2198	0.4037
274	2025	ALT1	WB	MD	Mainline	1.70	2.12	36.47	10.63	14944	11310	0.2996	0.2759	0.0495	0.0021	0.0419	0.0988	0.0101	0.0036	0.0016	0.2630	0.4728
275	2025	ALT1	WB	MD	Mainline	3.02	3.76	61.78	19.06	26298	19987	0.5763	0.5306	0.0882	0.0038	0.0741	0.1751	0.0180	0.0062	0.0030	0.5135	0.8341
276	2025	ALT1	WB	MD	Mainline	0.83	1.03	16.77	5.01	7073	5347	0.1518	0.1398	0.0244	0.0011	0.0191	0.0458	0.0051	0.0017	0.0008	0.1344	0.2104
277	2025	ALT1	WB	MD	Mainline	1.77	2.20	36.31	11.26	15480	11776	0.3401	0.3132	0.0516	0.0022	0.0440	0.1036	0.0105	0.0036	0.0017	0.3034	0.4966
278	2025	ALT1	WB	MD	Mainline	0.97	1.21	20.24	6.22	8563	6513	0.1848	0.1701	0.0284	0.0012	0.0245	0.0575	0.0058	0.0020	0.0010	0.1644	0.2771
279	2025	ALT1	WB	MD	Mainline	1.80	2.24	39.72	11.74	16182	12305	0.3185	0.2933	0.0520	0.0022	0.0481	0.1116	0.0105	0.0038	0.0017	0.2796	0.5559
280	2025	ALT1	WB	MD	Mainline	1.82	2.27	38.40	12.13	16319	12485	0.3528	0.3248	0.0527	0.0022	0.0495	0.1145	0.0106	0.0037	0.0018	0.3150	0.5741
281	2025	ALT1	WB	MD	Mainline	1.32	1.65	29.55	8.73	11987	9131	0.2329	0.2145	0.0382	0.0016	0.0366	0.0844	0.0076	0.0028	0.0012	0.2042	0.4270
282	2025	ALT1	WB	MD	Mainline	1.95	2.43	41.86	13.06	17580	13450	0.3688	0.3396	0.0562	0.0023	0.0541	0.1245	0.0112	0.0040	0.0019	0.3280	0.6307
283	2025	ALT1	WB	MD	Mainline	1.81	2.26	39.90	12.00	16365	12483	0.3258	0.3001	0.0522	0.0022	0.0500	0.1153	0.0104	0.0038	0.0017	0.2870	0.5838
284	2025	ALT1	WB	MD	Mainline	2.22	2.79	51.29	14.51	20237	15367	0.3692	0.3400	0.0643	0.0027	0.0618	0.1424	0.0128	0.0048	0.0020	0.3197	0.7224
285	2025	ALT1	WB	MD	Mainline	1.63	2.04	36.15	10.79	14777	11258	0.2924	0.2693	0.0473	0.0020	0.0447	0.1034	0.0095	0.0034	0.0015	0.2571	0.5205
286	2025	ALT1	WB	MD	Mainline	1.44	1.81	33.23	9.36	13085	9929	0.2379	0.2191	0.0417	0.0017	0.0397	0.0916	0.0083	0.0031	0.0013	0.2057	0.4634
287	2025	ALT1	WB	MD	Mainline	2.57	3.21	55.54	17.23	23248	17775	0.4844	0.4461	0.0743	0.0031	0.0712	0.1642	0.0148	0.0053	0.0025	0.4303	0.8302
288	2025	ALT1	WB	MD	Mainline	0.28	0.35	6.00	1.76	2468	1869	0.0499	0.0460	0.0082	0.0004	0.0069	0.0164	0.0017	0.0006	0.0003	0.0439	0.0785
289	2025	ALT1	WB	MD	Mainline	2.82	3.53	62.90	18.53	25518	19418	0.4968	0.4575	0.0817	0.0034	0.0769	0.1779	0.0164	0.0060	0.0026	0.4355	0.8938
290	2025	ALT1	WB	MD	Ramp	0.09	0.12	2.94	0.36	823	568	0.0049	0.0046	0.0029	0.0001	0.0009	0.0028	0.0006	0.0003	0.0001	0.0014	0.0056
291	2025	ALT1	WB	MD	Ramp	0.10	0.14	2.84	0.36	870	602	0.0059	0.0054	0.0032	0.0002	0.0011	0.0033	0.0007	0.0004	0.0001	0.0016	0.0080
292	2025	ALT1	WB	MD	Ramp	0.02	0.03	0.77	0.09	219	151	0.0013	0.0012	0.0008	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0004	0.0015
293	2025	ALT1	WB	MD	Ramp	0.26	0.36	4.04	0.57	1720	1192	0.0150	0.0139	0.0080	0.0004	0.0038	0.0105	0.0017	0.0011	0.0002	0.0028	0.0374
294	2025	ALT1	WB	MD	Ramp	0.08	0.11	2.05	0.26	660	458	0.0047	0.0044	0.0025	0.0001	0.0009	0.0026	0.0005	0.0003	0.0000	0.0013	0.0068
295	2025	ALT1	WB	MD	Ramp	0.22	0.31	3.59	0.48	1507	1041	0.0129	0.0119	0.0070	0.0003	0.0029	0.0084	0.0015	0.0009	0.0001	0.0022	0.0273
296	2025	ALT1	WB	MD	Ramp	0.07	0.10	1.38	0.22	528	372	0.0047	0.0043	0.0022	0.0001	0.0013	0.0034	0.0005	0.0003	0.0000	0.0016	0.0140
297	2025	ALT1	WB	MD	Ramp	1.45	1.90	30.65	7.66	11871	8898	0.1461	0.1347	0.0420	0.0017	0.0457	0.1034	0.0080	0.0039	0.0010	0.1037	0.5564
298	2025	ALT1	WB	MD	Ramp	0.01	0.01	0.31	0.04	92	64	0.0006	0.0006	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0007
299	2025	ALT1	WB	MD	Ramp	0.04	0.05	1.18	0.15	338	234	0.0021	0.0019	0.0012	0.0001	0.0004	0.0012	0.0003	0.0001	0.0000	0.0006	0.0026
300	2025	ALT1	WB	MD	Ramp	0.41	0.56	12.10	1.58	3600	2504	0.0245	0.0226	0.0129	0.0007	0.0047	0.0142	0.0028	0.0015	0.0002	0.0081	0.0384
301	2025	ALT1	WB	MD	Ramp	0.19	0.26	3.90	0.56	1437	1006	0.0120	0.0111	0.0059	0.0003	0.0029	0.0078	0.0013	0.0007	0.0001	0.0037	0.0281
302	2025	ALT1	WB	MD	Ramp	0.02	0.03	0.70	0.09	205	143	0.0013	0.0012	0.0007	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0004	0.0019
303	2025	ALT1	WB	MD	Ramp	0.05	0.07	1.28	0.20	416	295	0.0034	0.0032	0.0015	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0016	0.0082
304	2025	ALT1	WB	MD	Ramp	0.05	0.07	1.36	0.18	428	297	0.0030	0.0028	0.0016	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0009	0.0046
305	2025	ALT1	WB	MD	Ramp	0.08	0.11	2.13	0.32	695	490	0.0056	0.0052	0.0026	0.0001	0.0013	0.0034	0.0005	0.0003	0.0001	0.0023	0.0124
306	2025	ALT1	WB	MD	Ramp	0.06	0.09	1.62	0.19	518	355	0.0034	0.0032	0.0020	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0005	0.0026
307	2025	ALT1	WB	MD	Ramp	0.13	0.19	2.07	0.31	882	614	0.0079	0.0073	0.0041	0.0002	0.0023	0.0060	0.0009	0.0005	0.0001	0.0018	0.0239
308	2025	ALT1	WB	MD	Ramp	0.12	0.17	2.64	0.36	937	652	0.0074	0.0068	0.0037	0.0002	0.0015	0.0044	0.0008	0.0005	0.0001	0.0021	0.0132
309	2025	ALT1	WB	MD	Ramp	0.12	0.16	1.81	0.31	759	538	0.0072	0.0066	0.0035	0.0002	0.0027	0.0065	0.0007	0.0004	0.0001	0.0025	0.0311
310	2025	ALT1	WB	MD	Ramp	0.39	0.52	10.55	1.79	3377	2422	0.0304	0.0280	0.0118	0.0005	0.0076	0.0191	0.0025	0.0012	0.0002	0.0169	0.0812
311	2025	ALT1	WB	MD	Ramp	0.18	0.25	3.35	0.49	1300	910	0.0111	0.0103	0.0056	0.0003	0.0030	0.0080	0.0012	0.0007	0.0001	0.0033	0.0313
312	2025	ALT1	WB	MD	Ramp	0.05	0.07	1.26	0.18	408	286	0.0031	0.0029	0.0015	0.0001	0.0006	0.0018	0.0003	0.0002	0.0000	0.0011	0.0059
313	2025	ALT1	WB	MD	Ramp	0.38	0.51	11.10	1.55	3313	2323	0.0241	0.0223	0.0117	0.0006	0.0051	0.0143	0.0025	0.0013	0.0002	0.0099	0.0458

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
314	2025	ALT1	WB	MD	Ramp	0.09	0.13	2.30	0.28	749	516	0.0052	0.0048	0.0029	0.0001	0.0008	0.0028	0.0006	0.0004	0.0001	0.0011	0.0057
315	2025	ALT1	WB	MD	Ramp	0.14	0.20	3.05	0.44	1110	778	0.0092	0.0085	0.0045	0.0002	0.0021	0.0059	0.0010	0.0006	0.0001	0.0030	0.0208
316	2025	ALT1	WB	MD	Ramp	0.08	0.11	1.99	0.23	641	441	0.0043	0.0040	0.0025	0.0001	0.0007	0.0022	0.0005	0.0003	0.0000	0.0008	0.0039
317	2025	ALT1	WB	MD	Ramp	0.09	0.13	1.84	0.28	686	483	0.0059	0.0055	0.0028	0.0001	0.0015	0.0040	0.0006	0.0003	0.0001	0.0021	0.0157
318	2025	ALT1	WB	MD	Ramp	0.07	0.09	1.79	0.22	557	385	0.0038	0.0035	0.0021	0.0001	0.0006	0.0021	0.0005	0.0003	0.0000	0.0009	0.0047
319	2025	ALT1	WB	MD	Ramp	0.12	0.17	2.69	0.39	968	678	0.0079	0.0073	0.0039	0.0002	0.0017	0.0049	0.0008	0.0005	0.0001	0.0026	0.0165
320	2025	ALT1	WB	MD	Ramp	0.08	0.11	1.97	0.25	661	457	0.0048	0.0044	0.0026	0.0001	0.0008	0.0025	0.0006	0.0003	0.0001	0.0011	0.0056
321	2025	ALT1	WB	MD	Ramp	0.15	0.21	3.06	0.42	1141	795	0.0093	0.0086	0.0048	0.0002	0.0022	0.0060	0.0010	0.0006	0.0001	0.0025	0.0206
322	2025	ALT1	WB	MD	Ramp	0.08	0.11	1.59	0.22	589	411	0.0048	0.0045	0.0025	0.0001	0.0011	0.0031	0.0005	0.0003	0.0000	0.0013	0.0108
323	2025	ALT1	WB	MD	Ramp	0.17	0.22	4.38	0.71	1414	1008	0.0122	0.0113	0.0050	0.0002	0.0030	0.0077	0.0011	0.0005	0.0001	0.0061	0.0311
324	2025	ALT1	WB	MD	Ramp	0.07	0.09	1.89	0.26	591	412	0.0043	0.0040	0.0022	0.0001	0.0009	0.0025	0.0005	0.0002	0.0000	0.0015	0.0075
325	2025	ALT1	WB	MD	Ramp	0.31	0.43	6.26	0.98	2341	1651	0.0205	0.0190	0.0096	0.0005	0.0054	0.0142	0.0020	0.0012	0.0002	0.0075	0.0566
326	2025	ALT1	WB	MD	Ramp																	
327	2025	ALT1	WB	MD	Ramp																	
328	2025	ALT1	WB	MD	Ramp	0.06	0.08	1.61	0.20	488	337	0.0032	0.0030	0.0018	0.0001	0.0006	0.0018	0.0004	0.0002	0.0000	0.0008	0.0039
329	2025	ALT1	WB	MD	Ramp	0.17	0.24	3.66	0.50	1329	926	0.0106	0.0099	0.0054	0.0003	0.0023	0.0066	0.0012	0.0007	0.0001	0.0029	0.0212
330	2025	ALT1	WB	MD	Ramp	0.03	0.04	0.90	0.13	277	194	0.0021	0.0019	0.0010	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0008	0.0040
331	2025	ALT1	WB	MD	Ramp	0.17	0.23	4.60	0.71	1465	1038	0.0120	0.0111	0.0052	0.0003	0.0028	0.0074	0.0011	0.0006	0.0001	0.0056	0.0283
332	2025	ALT1	WB	MD	Ramp	0.04	0.06	1.25	0.20	386	276	0.0034	0.0031	0.0013	0.0001	0.0008	0.0020	0.0003	0.0001	0.0000	0.0019	0.0082
333	2025	ALT1	WB	MD	Ramp	0.14	0.19	3.77	0.62	1220	872	0.0107	0.0099	0.0043	0.0002	0.0027	0.0068	0.0009	0.0005	0.0001	0.0056	0.0282
334	2025	ALT1	WB	MD	Ramp	0.05	0.07	1.47	0.24	458	327	0.0040	0.0037	0.0016	0.0001	0.0009	0.0024	0.0003	0.0002	0.0000	0.0021	0.0098
335	2025	ALT1	WB	MD	Ramp	0.21	0.28	5.00	0.99	1746	1273	0.0180	0.0166	0.0062	0.0003	0.0050	0.0120	0.0013	0.0006	0.0001	0.0111	0.0577
336	2025	ALT1	WB	MD	Ramp	0.16	0.22	4.23	0.70	1388	992	0.0123	0.0113	0.0050	0.0002	0.0031	0.0078	0.0010	0.0005	0.0001	0.0064	0.0326
337	2025	ALT1	WB	MD	Ramp	0.10	0.12	1.82	0.58	775	599	0.0114	0.0105	0.0026	0.0001	0.0037	0.0081	0.0005	0.0002	0.0001	0.0091	0.0471
338	2025	ALT1	WB	MD	Ramp	0.07	0.09	1.32	0.41	555	428	0.0080	0.0074	0.0019	0.0001	0.0026	0.0057	0.0003	0.0002	0.0000	0.0064	0.0329
339	2025	ALT1	WB	MD	Ramp	0.22	0.29	6.50	1.09	1986	1417	0.0181	0.0167	0.0068	0.0003	0.0036	0.0094	0.0015	0.0006	0.0001	0.0113	0.0345
340	2025	ALT1	WB	MD	Ramp	0.98	1.28	22.11	5.28	8233	6150	0.0992	0.0915	0.0285	0.0011	0.0298	0.0680	0.0055	0.0026	0.0007	0.0707	0.3606
341	2025	ALT1	WB	MD	Ramp	1.48	1.93	25.00	7.70	11225	8569	0.1550	0.1429	0.0421	0.0015	0.0536	0.1186	0.0077	0.0038	0.0010	0.1134	0.6711
342	2025	ALT1	WB	MD	Ramp	0.10	0.14	2.64	0.41	866	614	0.0072	0.0067	0.0032	0.0002	0.0017	0.0045	0.0007	0.0004	0.0001	0.0033	0.0175
343	2025	ALT1	WB	MD	Ramp	0.29	0.39	3.44	0.75	1616	1165	0.0173	0.0160	0.0086	0.0003	0.0097	0.0218	0.0016	0.0009	0.0002	0.0070	0.1198
344	2025	ALT1	WB	MD	Ramp	0.09	0.12	2.20	0.35	723	513	0.0061	0.0057	0.0026	0.0001	0.0015	0.0039	0.0006	0.0003	0.0001	0.0029	0.0151
345	2025	ALT1	WB	MD	Ramp	0.06	0.08	0.91	0.22	398	294	0.0046	0.0042	0.0018	0.0001	0.0022	0.0048	0.0003	0.0002	0.0000	0.0026	0.0271
346	2025	ALT1	WB	MD	Ramp	0.11	0.15	1.89	0.36	774	555	0.0077	0.0071	0.0034	0.0001	0.0029	0.0069	0.0007	0.0004	0.0001	0.0034	0.0339
347	2025	ALT1	WB	MD	Ramp	0.14	0.20	2.74	0.34	1041	718	0.0081	0.0075	0.0045	0.0002	0.0016	0.0048	0.0010	0.0006	0.0001	0.0015	0.0133
348	2025	ALT1	WB	MD	Ramp	0.43	0.57	11.25	2.00	3702	2670	0.0348	0.0321	0.0130	0.0006	0.0091	0.0224	0.0027	0.0013	0.0003	0.0200	0.0997
349	2025	ALT1	WB	MD	Ramp	0.09	0.12	2.22	0.40	758	546	0.0071	0.0066	0.0027	0.0001	0.0019	0.0047	0.0006	0.0003	0.0001	0.0039	0.0208
350	2025	ALT1	WB	MD	Ramp	0.09	0.12	2.77	0.39	815	571	0.0058	0.0054	0.0028	0.0001	0.0012	0.0034	0.0006	0.0003	0.0001	0.0025	0.0108
351	2025	ALT1	WB	MD	Ramp	0.13	0.17	1.83	0.45	805	594	0.0093	0.0086	0.0037	0.0001	0.0044	0.0098	0.0007	0.0004	0.0001	0.0053	0.0549
352	2025	ALT1	WB	MD	Ramp	0.07	0.11	1.74	0.21	600	413	0.0043	0.0040	0.0024	0.0001	0.0007	0.0022	0.0005	0.0003	0.0000	0.0008	0.0044
353	2025	ALT1	WB	MD	Ramp	0.14	0.20	3.97	0.53	1238	863	0.0089	0.0082	0.0045	0.0002	0.0017	0.0051	0.0010	0.0005	0.0001	0.0029	0.0148
354	2025	ALT1	WB	MD	Ramp	0.43	0.58	7.01	1.33	2881	2069	0.0286	0.0265	0.0128	0.0005	0.0111	0.0261	0.0025	0.0014	0.0003	0.0127	0.1302
355	2025	ALT1	WB	MD	Ramp	0.09	0.12	2.05	0.31	711	500	0.0059	0.0055	0.0027	0.0001	0.0013	0.0035	0.0006	0.0003	0.0001	0.0022	0.0124
356	2025	ALT1	WB	MD	Ramp	0.13	0.18	2.47	0.35	940	657	0.0079	0.0073	0.0040	0.0002	0.0020	0.0054	0.0008	0.0005	0.0001	0.0022	0.0201
357	2025	ALT1	WB	MD	Ramp	0.34	0.48	5.97	0.82	2396	1664	0.0202	0.0187	0.0107	0.0005	0.0051	0.0140	0.0023	0.0014	0.0002	0.0044	0.0495
358	2025	ALT1	WB	MD	Ramp	0.12	0.16	2.16	0.35	842	596	0.0076	0.0071	0.0036	0.0002	0.0023	0.0059	0.0007	0.0004	0.0001	0.0028	0.0256
359	2025	ALT1	WB	MD	Ramp	0.20	0.28	3.30	0.50	1357	949	0.0120	0.0111	0.0062	0.0003	0.0037	0.0095	0.0013	0.0008	0.0001	0.0032	0.0393
360	2025	ALT1	WB	MD	Ramp	0.12	0.17	2.29	0.33	891	623	0.0076	0.0070	0.0039	0.0002	0.0021	0.0055	0.0008	0.0005	0.0001	0.0021	0.0212
361	2025	ALT1	WB	MD	Ramp	0.19	0.26	2.63	0.40	1183	823	0.0109	0.0101	0.0058	0.0003	0.0033	0.0087	0.0012	0.0008	0.0001	0.0022	0.0354

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlel+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
362	2025	ALT1	WB	MD	Ramp	0.07	0.09	1.54	0.28	543	392	0.0053	0.0049	0.0020	0.0001	0.0014	0.0035	0.0004	0.0002	0.0000	0.0029	0.0159
363	2025	ALT1	WB	MD	Ramp	0.28	0.39	5.02	0.67	1985	1377	0.0164	0.0152	0.0088	0.0004	0.0039	0.0110	0.0019	0.0011	0.0002	0.0035	0.0372
364	2025	ALT1	WB	MD	HOV																	
365	2025	ALT1	WB	MD	HOV																	
366	2025	ALT1	WB	MD	HOV																	
367	2025	ALT1	WB	MD	HOV																	
368	2025	ALT1	WB	MD	HOV																	
369	2025	ALT1	WB	MD	HOV																	
370	2025	ALT1	WB	MD	HOV																	
371	2025	ALT1	WB	MD	HOV																	
372	2025	ALT1	WB	MD	HOV																	
373	2025	ALT1	WB	MD	HOV																	
374	2025	ALT1	WB	MD	HOV																	
375	2025	ALT1	WB	MD	HOV																	
376	2025	ALT1	WB	MD	HOV																	
377	2025	ALT1	WB	MD	HOV																	
378	2025	ALT1	WB	MD	HOV																	
379	2025	ALT1	WB	MD	HOV																	
380	2025	ALT1	WB	MD	HOV																	
381	2025	ALT1	WB	MD	HOV																	
382	2025	ALT1	WB	MD	HOV																	
383	2025	ALT1	WB	MD	HOV																	
384	2025	ALT1	WB	MD	HOV																	
385	2025	ALT1	WB	MD	HOV																	
386	2025	ALT1	WB	MD	HOV																	
387	2025	ALT1	WB	MD	HOV																	
388	2025	ALT1	WB	MD	HOV																	
389	2025	ALT1	WB	MD	HOV																	
390	2025	ALT1	WB	MD	HOV																	
391	2025	ALT1	WB	MD	HOV																	
392	2025	ALT1	WB	MD	HOV																	
393	2025	ALT1	WB	MD	HOV																	
394	2025	ALT1	WB	MD	HOV																	
395	2025	ALT1	WB	MD	HOV																	
396	2025	ALT1	WB	MD	HOV																	
397	2025	ALT1	WB	MD	HOV																	
398	2025	ALT1	WB	MD	HOV																	
399	2025	ALT1	WB	MD	HOV																	
400	2025	ALT1	WB	MD	HOV																	
401	2025	ALT1	WB	MD	HOV																	
402	2025	ALT1	WB	MD	HOV																	
403	2025	ALT1	WB	MD	HOV																	
404	2025	ALT1	WB	MD	HOV																	
405	2025	ALT1	WB	MD	HOV																	
406	2025	ALT1	WB	MD	HOV																	
407	2025	ALT1	WB	MD	HOV																	
408	2025	ALT1	WB	MD	HOV																	
409	2025	ALT1	WB	MD	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
410	2025	ALT1	WB	MD	HOV																	
411	2025	ALT1	WB	MD	HOV																	
412	2025	ALT1	WB	MD	HOV																	
413	2025	ALT1	WB	MD	HOV																	
414	2025	ALT1	WB	MD	HOV																	
415	2025	ALT1	WB	MD	HOV																	
416	2025	ALT1	WB	MD	HOV																	
417	2025	ALT1	WB	MD	HOV																	
418	2025	ALT1	WB	MD	HOV																	
419	2025	ALT1	WB	MD	HOV	0.60	0.81	20.29	2.24	5404	3680	0.0253	0.0235	0.0190	0.0010	0.0035	0.0143	0.0043	0.0020	0.0003	0.0023	0.0059
420	2025	ALT1	WB	MD	HOV	0.60	0.81	20.29	2.24	5404	3680	0.0253	0.0235	0.0190	0.0010	0.0035	0.0143	0.0043	0.0020	0.0003	0.0023	0.0059
421	2025	ALT1	WB	MD	HOV	0.25	0.34	8.40	0.92	2245	1529	0.0107	0.0099	0.0079	0.0004	0.0015	0.0059	0.0018	0.0009	0.0001	0.0009	0.0025
422	2025	ALT1	WB	MD	HOV	0.41	0.54	13.46	1.54	3600	2452	0.0161	0.0149	0.0128	0.0007	0.0024	0.0097	0.0029	0.0013	0.0002	0.0016	0.0037
423	2025	ALT1	WB	MD	HOV	0.41	0.54	13.46	1.54	3600	2452	0.0161	0.0149	0.0128	0.0007	0.0024	0.0097	0.0029	0.0013	0.0002	0.0016	0.0037
424	2025	ALT1	WB	MD	HOV	0.41	0.54	13.46	1.54	3600	2452	0.0161	0.0149	0.0128	0.0007	0.0024	0.0097	0.0029	0.0013	0.0002	0.0016	0.0037
425	2025	ALT1	WB	MD	HOV	0.41	0.54	13.46	1.54	3600	2452	0.0161	0.0149	0.0128	0.0007	0.0024	0.0097	0.0029	0.0013	0.0002	0.0016	0.0037
426	2025	ALT1	WB	MD	HOV	0.38	0.50	12.24	1.44	3326	2266	0.0145	0.0135	0.0120	0.0006	0.0023	0.0091	0.0027	0.0011	0.0002	0.0015	0.0033
427	2025	ALT1	WB	MD	HOV	0.38	0.50	12.24	1.44	3326	2266	0.0145	0.0135	0.0120	0.0006	0.0023	0.0091	0.0027	0.0011	0.0002	0.0015	0.0033
428	2025	ALT1	WB	MD	HOV	0.38	0.50	12.24	1.44	3326	2266	0.0145	0.0135	0.0120	0.0006	0.0023	0.0091	0.0027	0.0011	0.0002	0.0015	0.0033
429	2025	ALT1	WB	MD	HOV	0.38	0.50	12.24	1.44	3326	2266	0.0145	0.0135	0.0120	0.0006	0.0023	0.0091	0.0027	0.0011	0.0002	0.0015	0.0033
430	2025	ALT1	WB	MD	HOV	0.36	0.48	11.98	1.38	3213	2188	0.0143	0.0132	0.0115	0.0006	0.0022	0.0087	0.0026	0.0011	0.0002	0.0014	0.0033
431	2025	ALT1	WB	MD	HOV	0.36	0.48	11.98	1.38	3213	2188	0.0143	0.0132	0.0115	0.0006	0.0022	0.0087	0.0026	0.0011	0.0002	0.0014	0.0033
432	2025	ALT1	WB	MD	HOV	0.36	0.48	11.98	1.38	3213	2188	0.0143	0.0132	0.0115	0.0006	0.0022	0.0087	0.0026	0.0011	0.0002	0.0014	0.0033
433	2025	ALT1	WB	MD	HOV	0.36	0.48	11.98	1.38	3213	2188	0.0143	0.0132	0.0115	0.0006	0.0022	0.0087	0.0026	0.0011	0.0002	0.0014	0.0033
434	2025	ALT1	WB	MD	HOV	0.36	0.48	11.98	1.38	3213	2188	0.0143	0.0132	0.0115	0.0006	0.0022	0.0087	0.0026	0.0011	0.0002	0.0014	0.0033
435	2025	ALT1	WB	MD	HOV	0.24	0.33	8.13	0.89	2172	1479	0.0103	0.0095	0.0076	0.0004	0.0014	0.0058	0.0017	0.0008	0.0001	0.0009	0.0024
436	2025	ALT1	WB	MD	HOV	0.24	0.33	8.13	0.89	2172	1479	0.0103	0.0095	0.0076	0.0004	0.0014	0.0058	0.0017	0.0008	0.0001	0.0009	0.0024
437	2025	ALT1	WB	MD	HOV	0.24	0.33	8.13	0.89	2172	1479	0.0103	0.0095	0.0076	0.0004	0.0014	0.0058	0.0017	0.0008	0.0001	0.0009	0.0024
216	2025	ALT1	WB	PM	Mainline	1.22	1.53	25.91	5.78	9742	7094	0.1472	0.1356	0.0367	0.0018	0.0196	0.0515	0.0080	0.0027	0.0009	0.1187	0.1847
217	2025	ALT1	WB	PM	Mainline	2.16	2.71	46.86	10.71	17634	12892	0.2727	0.2513	0.0647	0.0031	0.0368	0.0950	0.0139	0.0047	0.0016	0.2221	0.3591
218	2025	ALT1	WB	PM	Mainline	1.59	1.99	33.96	7.43	12662	9198	0.1856	0.1710	0.0478	0.0023	0.0249	0.0659	0.0104	0.0035	0.0011	0.1482	0.2321
219	2025	ALT1	WB	PM	Mainline	2.10	2.65	48.24	10.62	17590	12830	0.2536	0.2337	0.0632	0.0030	0.0363	0.0937	0.0136	0.0048	0.0015	0.2024	0.3582
220	2025	ALT1	WB	PM	Mainline	1.23	1.55	27.60	5.87	10051	7286	0.1395	0.1285	0.0371	0.0018	0.0194	0.0513	0.0081	0.0028	0.0008	0.1096	0.1821
221	2025	ALT1	WB	PM	Mainline	1.05	1.33	24.39	5.27	8805	6408	0.1231	0.1135	0.0317	0.0015	0.0178	0.0463	0.0068	0.0024	0.0007	0.0973	0.1743
222	2025	ALT1	WB	PM	Mainline	1.26	1.60	28.84	5.97	10349	7482	0.1376	0.1268	0.0382	0.0019	0.0195	0.0520	0.0083	0.0029	0.0008	0.1065	0.1814
223	2025	ALT1	WB	PM	Mainline	0.60	0.76	14.05	2.87	4985	3601	0.0646	0.0595	0.0183	0.0009	0.0094	0.0249	0.0040	0.0014	0.0004	0.0495	0.0873
224	2025	ALT1	WB	PM	Mainline	0.68	0.86	15.58	2.99	5480	3922	0.0650	0.0599	0.0208	0.0010	0.0093	0.0257	0.0046	0.0016	0.0004	0.0479	0.0792
225	2025	ALT1	WB	PM	Mainline	0.44	0.56	9.95	1.92	3514	2517	0.0423	0.0390	0.0134	0.0007	0.0060	0.0166	0.0029	0.0010	0.0003	0.0313	0.0514
226	2025	ALT1	WB	PM	Mainline	2.08	2.61	44.65	8.69	16067	11499	0.1977	0.1823	0.0632	0.0032	0.0273	0.0765	0.0140	0.0046	0.0012	0.1473	0.2267
227	2025	ALT1	WB	PM	Mainline	0.80	1.01	17.04	3.22	6097	4347	0.0716	0.0660	0.0244	0.0012	0.0099	0.0284	0.0054	0.0018	0.0005	0.0521	0.0789
228	2025	ALT1	WB	PM	Mainline	0.47	0.59	10.03	1.82	3537	2509	0.0385	0.0355	0.0142	0.0007	0.0055	0.0159	0.0032	0.0010	0.0003	0.0270	0.0412
229	2025	ALT1	WB	PM	Mainline	2.84	3.60	66.37	12.07	22766	16192	0.2448	0.2258	0.0868	0.0043	0.0360	0.1023	0.0192	0.0066	0.0016	0.1719	0.2924
230	2025	ALT1	WB	PM	Mainline	0.74	0.93	16.96	3.02	5823	4128	0.0605	0.0558	0.0225	0.0011	0.0088	0.0256	0.0050	0.0017	0.0004	0.0417	0.0686
231	2025	ALT1	WB	PM	Mainline	0.76	0.96	18.15	3.26	6136	4360	0.0640	0.0591	0.0231	0.0012	0.0096	0.0273	0.0051	0.0018	0.0004	0.0443	0.0785
232	2025	ALT1	WB	PM	Mainline	0.82	1.05	19.47	3.43	6594	4672	0.0668	0.0616	0.0252	0.0013	0.0100	0.0288	0.0056	0.0019	0.0005	0.0454	0.0780
233	2025	ALT1	WB	PM	Mainline	2.45	3.17	70.39	11.75	21660	15415	0.1979	0.1826	0.0746	0.0036	0.0365	0.0988	0.0162	0.0066	0.0014	0.1253	0.3393
234	2025	ALT1	WB	PM	Mainline	0.41	0.52	11.15	1.86	3497	2480	0.0321	0.0297	0.0124	0.0006	0.0055	0.0152	0.0027	0.0010	0.0002	0.0206	0.0473
235	2025	ALT1	WB	PM	Mainline	1.60	2.09	47.48	7.67	14299	10158	0.1235	0.1140	0.0488	0.0024	0.0242	0.0652	0.0106	0.0045	0.0009	0.0739	0.2273

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
236	2025	ALT1	WB	PM	Mainline	1.04	1.35	29.62	4.87	9132	6477	0.0817	0.0754	0.0318	0.0016	0.0145	0.0400	0.0069	0.0028	0.0006	0.0512	0.1283
237	2025	ALT1	WB	PM	Mainline	1.88	2.39	45.71	7.88	15199	10748	0.1469	0.1355	0.0576	0.0029	0.0225	0.0652	0.0128	0.0045	0.0010	0.0971	0.1744
238	2025	ALT1	WB	PM	Mainline	0.59	0.75	14.80	2.51	4823	3407	0.0448	0.0413	0.0180	0.0009	0.0070	0.0204	0.0040	0.0014	0.0003	0.0288	0.0549
239	2025	ALT1	WB	PM	Mainline	0.52	0.66	13.22	2.23	4283	3025	0.0394	0.0364	0.0159	0.0008	0.0062	0.0181	0.0035	0.0013	0.0003	0.0252	0.0490
240	2025	ALT1	WB	PM	Mainline	0.65	0.83	17.04	2.79	5409	3812	0.0471	0.0435	0.0199	0.0010	0.0076	0.0223	0.0044	0.0016	0.0003	0.0290	0.0591
241	2025	ALT1	WB	PM	Mainline	2.30	2.96	63.14	10.26	19688	13900	0.1715	0.1583	0.0706	0.0036	0.0288	0.0825	0.0156	0.0059	0.0013	0.1055	0.2359
242	2025	ALT1	WB	PM	Mainline	0.17	0.21	4.27	0.71	1377	971	0.0123	0.0114	0.0051	0.0003	0.0019	0.0057	0.0011	0.0004	0.0001	0.0077	0.0148
243	2025	ALT1	WB	PM	Mainline	1.97	2.54	54.74	8.89	16993	12007	0.1483	0.1369	0.0605	0.0030	0.0252	0.0717	0.0133	0.0051	0.0011	0.0914	0.2096
244	2025	ALT1	WB	PM	Mainline	0.32	0.41	8.04	1.35	2608	1839	0.0236	0.0218	0.0097	0.0005	0.0037	0.0109	0.0022	0.0008	0.0002	0.0150	0.0285
245	2025	ALT1	WB	PM	Mainline	1.86	2.39	51.00	8.34	15921	11254	0.1406	0.1297	0.0569	0.0029	0.0237	0.0674	0.0125	0.0048	0.0010	0.0874	0.1970
246	2025	ALT1	WB	PM	Mainline	1.50	1.92	38.08	6.38	12351	8714	0.1123	0.1036	0.0461	0.0023	0.0177	0.0517	0.0102	0.0037	0.0008	0.0713	0.1362
247	2025	ALT1	WB	PM	Mainline	1.88	2.42	50.88	8.43	16030	11339	0.1445	0.1333	0.0576	0.0029	0.0241	0.0683	0.0127	0.0048	0.0011	0.0912	0.2001
248	2025	ALT1	WB	PM	Mainline	0.61	0.78	15.19	2.57	4975	3512	0.0462	0.0426	0.0187	0.0009	0.0072	0.0210	0.0042	0.0015	0.0003	0.0298	0.0555
249	2025	ALT1	WB	PM	Mainline	2.00	2.55	48.41	8.32	16126	11398	0.1552	0.1432	0.0614	0.0031	0.0237	0.0690	0.0136	0.0048	0.0011	0.1023	0.1816
250	2025	ALT1	WB	PM	Mainline	3.08	3.92	77.47	13.17	25281	17865	0.2363	0.2180	0.0943	0.0047	0.0371	0.1073	0.0209	0.0075	0.0017	0.1528	0.2906
251	2025	ALT1	WB	PM	Mainline	2.23	2.84	57.34	9.93	18626	13210	0.1799	0.1660	0.0680	0.0034	0.0287	0.0811	0.0150	0.0055	0.0013	0.1190	0.2383
252	2025	ALT1	WB	PM	Mainline	1.86	2.37	45.64	7.91	15144	10721	0.1477	0.1362	0.0570	0.0029	0.0227	0.0654	0.0126	0.0045	0.0010	0.0981	0.1793
253	2025	ALT1	WB	PM	Mainline	1.33	1.70	32.69	5.67	10846	7678	0.1058	0.0976	0.0408	0.0021	0.0163	0.0469	0.0090	0.0032	0.0007	0.0703	0.1284
254	2025	ALT1	WB	PM	Mainline	1.29	1.64	31.51	5.46	10456	7402	0.1020	0.0941	0.0394	0.0020	0.0157	0.0452	0.0087	0.0031	0.0007	0.0678	0.1238
255	2025	ALT1	WB	PM	Mainline	2.10	2.67	53.20	9.43	17494	12436	0.1760	0.1624	0.0640	0.0032	0.0277	0.0777	0.0141	0.0051	0.0012	0.1194	0.2340
256	2025	ALT1	WB	PM	Mainline	1.37	1.75	33.27	5.84	11130	7890	0.1114	0.1028	0.0420	0.0021	0.0170	0.0486	0.0093	0.0033	0.0008	0.0752	0.1353
257	2025	ALT1	WB	PM	Mainline	1.64	2.09	41.44	7.38	13659	9715	0.1386	0.1278	0.0500	0.0025	0.0218	0.0609	0.0110	0.0040	0.0009	0.0945	0.1847
258	2025	ALT1	WB	PM	Mainline	1.60	2.03	36.94	6.56	12667	8977	0.1310	0.1208	0.0490	0.0025	0.0192	0.0556	0.0109	0.0037	0.0009	0.0900	0.1482
259	2025	ALT1	WB	PM	Mainline	2.35	2.98	53.20	9.51	18398	13045	0.1935	0.1784	0.0720	0.0036	0.0281	0.0814	0.0160	0.0054	0.0013	0.1339	0.2157
260	2025	ALT1	WB	PM	Mainline	1.53	1.94	35.59	6.35	12185	8642	0.1267	0.1169	0.0469	0.0024	0.0186	0.0537	0.0104	0.0036	0.0009	0.0874	0.1457
261	2025	ALT1	WB	PM	Mainline	1.86	2.36	44.19	7.94	14995	10655	0.1572	0.1450	0.0568	0.0028	0.0235	0.0668	0.0126	0.0044	0.0011	0.1090	0.1908
262	2025	ALT1	WB	PM	Mainline	4.99	6.32	115.98	21.08	39858	28339	0.4284	0.3951	0.1524	0.0076	0.0628	0.1788	0.0337	0.0116	0.0028	0.3007	0.5067
263	2025	ALT1	WB	PM	Mainline	2.36	3.00	58.11	10.49	19443	13840	0.2034	0.1876	0.0720	0.0036	0.0313	0.0875	0.0158	0.0057	0.0014	0.1410	0.2638
264	2025	ALT1	WB	PM	Mainline	0.87	1.13	25.33	4.35	7814	5592	0.0739	0.0682	0.0265	0.0013	0.0145	0.0380	0.0057	0.0024	0.0005	0.0477	0.1429
265	2025	ALT1	WB	PM	Mainline	0.49	0.62	13.01	2.33	4205	3008	0.0435	0.0401	0.0148	0.0007	0.0073	0.0197	0.0032	0.0012	0.0003	0.0300	0.0676
266	2025	ALT1	WB	PM	Mainline	1.73	2.21	45.00	8.39	14850	10661	0.1633	0.1506	0.0523	0.0025	0.0269	0.0715	0.0113	0.0043	0.0011	0.1167	0.2529
267	2025	ALT1	WB	PM	Mainline	0.49	0.63	13.28	2.44	4305	3093	0.0462	0.0426	0.0149	0.0007	0.0079	0.0209	0.0032	0.0012	0.0003	0.0326	0.0765
268	2025	ALT1	WB	PM	Mainline	0.10	0.13	2.32	0.45	808	579	0.0096	0.0088	0.0030	0.0001	0.0014	0.0038	0.0007	0.0002	0.0001	0.0071	0.0122
269	2025	ALT1	WB	PM	Mainline	2.25	2.91	63.15	11.46	20052	14434	0.2075	0.1914	0.0679	0.0032	0.0393	0.1015	0.0145	0.0059	0.0014	0.1429	0.3960
270	2025	ALT1	WB	PM	Mainline	1.09	1.43	31.54	5.46	9768	7026	0.0924	0.0852	0.0328	0.0015	0.0206	0.0522	0.0069	0.0031	0.0007	0.0585	0.2167
271	2025	ALT1	WB	PM	Mainline	1.35	1.73	36.04	7.23	12016	8752	0.1447	0.1334	0.0403	0.0019	0.0263	0.0659	0.0085	0.0033	0.0009	0.1084	0.2769
272	2025	ALT1	WB	PM	Mainline	1.02	1.31	28.12	5.48	9139	6655	0.1022	0.0942	0.0304	0.0014	0.0211	0.0520	0.0063	0.0026	0.0007	0.0734	0.2276
273	2025	ALT1	WB	PM	Mainline	1.03	1.31	27.11	5.39	9069	6585	0.1091	0.1006	0.0308	0.0015	0.0189	0.0479	0.0065	0.0025	0.0007	0.0817	0.1930
274	2025	ALT1	WB	PM	Mainline	1.21	1.54	30.94	6.28	10527	7649	0.1312	0.1209	0.0362	0.0017	0.0218	0.0556	0.0077	0.0029	0.0008	0.0996	0.2209
275	2025	ALT1	WB	PM	Mainline	2.21	2.79	52.43	11.07	18614	13521	0.2501	0.2305	0.0664	0.0032	0.0373	0.0968	0.0143	0.0051	0.0015	0.1949	0.3640
276	2025	ALT1	WB	PM	Mainline	0.63	0.80	14.76	3.00	5213	3765	0.0669	0.0617	0.0190	0.0009	0.0098	0.0260	0.0041	0.0015	0.0004	0.0511	0.0914
277	2025	ALT1	WB	PM	Mainline	1.28	1.63	31.26	6.54	10953	7955	0.1436	0.1324	0.0386	0.0018	0.0220	0.0569	0.0083	0.0030	0.0009	0.1110	0.2171
278	2025	ALT1	WB	PM	Mainline	0.69	0.88	17.46	3.60	6006	4368	0.0767	0.0707	0.0207	0.0010	0.0125	0.0318	0.0044	0.0016	0.0005	0.0588	0.1265
279	2025	ALT1	WB	PM	Mainline	1.35	1.74	37.55	7.19	12105	8802	0.1316	0.1213	0.0402	0.0018	0.0279	0.0689	0.0084	0.0035	0.0009	0.0928	0.3018
280	2025	ALT1	WB	PM	Mainline	1.29	1.65	33.20	6.97	11405	8334	0.1482	0.1366	0.0386	0.0018	0.0252	0.0630	0.0081	0.0031	0.0009	0.1147	0.2640
281	2025	ALT1	WB	PM	Mainline	0.97	1.26	27.04	5.24	8760	6383	0.0963	0.0888	0.0291	0.0013	0.0208	0.0511	0.0060	0.0026	0.0006	0.0683	0.2280
282	2025	ALT1	WB	PM	Mainline	1.36	1.74	35.83	7.44	12139	8879	0.1533	0.1413	0.0405	0.0019	0.0277	0.0685	0.0085	0.0033	0.0010	0.1174	0.2953
283	2025	ALT1	WB	PM	Mainline	1.28	1.64	34.75	7.00	11477	8382	0.1349	0.1244	0.0380	0.0017	0.0268	0.0659	0.0079	0.0032	0.0009	0.0997	0.2904

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
284	2025	ALT1	WB	PM	Mainline	1.72	2.24	47.71	9.00	15345	11162	0.1595	0.1472	0.0512	0.0023	0.0376	0.0916	0.0106	0.0047	0.0011	0.1079	0.4153
285	2025	ALT1	WB	PM	Mainline	1.13	1.46	30.72	6.08	10132	7374	0.1184	0.1091	0.0339	0.0016	0.0224	0.0559	0.0071	0.0029	0.0008	0.0873	0.2373
286	2025	ALT1	WB	PM	Mainline	1.05	1.37	29.64	5.52	9438	6850	0.0982	0.0906	0.0314	0.0014	0.0219	0.0539	0.0065	0.0028	0.0007	0.0671	0.2372
287	2025	ALT1	WB	PM	Mainline	1.79	2.29	47.95	9.55	15942	11599	0.1902	0.1754	0.0536	0.0025	0.0345	0.0866	0.0113	0.0044	0.0012	0.1419	0.3613
288	2025	ALT1	WB	PM	Mainline	0.19	0.25	5.00	0.99	1684	1219	0.0202	0.0186	0.0058	0.0003	0.0033	0.0086	0.0013	0.0005	0.0001	0.0150	0.0330
289	2025	ALT1	WB	PM	Mainline	1.95	2.51	53.73	10.37	17476	12685	0.1961	0.1808	0.0585	0.0027	0.0379	0.0950	0.0123	0.0050	0.0013	0.1415	0.3981
290	2025	ALT1	WB	PM	Ramp	0.07	0.09	2.23	0.27	622	428	0.0036	0.0033	0.0022	0.0001	0.0006	0.0020	0.0005	0.0002	0.0000	0.0009	0.0034
291	2025	ALT1	WB	PM	Ramp	0.08	0.11	2.21	0.27	677	467	0.0045	0.0041	0.0025	0.0001	0.0008	0.0024	0.0006	0.0003	0.0000	0.0011	0.0053
292	2025	ALT1	WB	PM	Ramp	0.02	0.03	0.61	0.07	171	118	0.0010	0.0009	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0002	0.0010
293	2025	ALT1	WB	PM	Ramp	0.19	0.26	2.87	0.40	1245	860	0.0109	0.0101	0.0059	0.0003	0.0026	0.0073	0.0013	0.0008	0.0001	0.0018	0.0246
294	2025	ALT1	WB	PM	Ramp	0.06	0.08	1.53	0.19	496	343	0.0035	0.0032	0.0019	0.0001	0.0006	0.0019	0.0004	0.0002	0.0000	0.0009	0.0045
295	2025	ALT1	WB	PM	Ramp	0.21	0.31	3.06	0.40	1415	972	0.0127	0.0118	0.0069	0.0003	0.0024	0.0074	0.0015	0.0010	0.0001	0.0014	0.0206
296	2025	ALT1	WB	PM	Ramp	0.07	0.10	1.26	0.19	491	345	0.0043	0.0040	0.0021	0.0001	0.0012	0.0032	0.0004	0.0003	0.0000	0.0013	0.0130
297	2025	ALT1	WB	PM	Ramp	1.24	1.65	27.48	5.82	10121	7428	0.1093	0.1009	0.0367	0.0016	0.0322	0.0759	0.0073	0.0037	0.0008	0.0683	0.3776
298	2025	ALT1	WB	PM	Ramp	0.00	0.01	0.14	0.02	41	29	0.0003	0.0002	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0003
299	2025	ALT1	WB	PM	Ramp	0.02	0.02	0.53	0.07	154	107	0.0010	0.0009	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0015
300	2025	ALT1	WB	PM	Ramp	0.32	0.44	9.57	1.22	2834	1967	0.0188	0.0174	0.0101	0.0005	0.0035	0.0108	0.0022	0.0012	0.0002	0.0058	0.0273
301	2025	ALT1	WB	PM	Ramp	0.20	0.28	3.42	0.47	1397	969	0.0119	0.0110	0.0063	0.0003	0.0030	0.0083	0.0014	0.0008	0.0001	0.0025	0.0299
302	2025	ALT1	WB	PM	Ramp	0.01	0.02	0.44	0.06	130	90	0.0009	0.0008	0.0005	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0003	0.0014
303	2025	ALT1	WB	PM	Ramp	0.07	0.10	1.73	0.22	569	394	0.0041	0.0038	0.0022	0.0001	0.0007	0.0023	0.0005	0.0003	0.0000	0.0011	0.0056
304	2025	ALT1	WB	PM	Ramp	0.03	0.05	0.89	0.11	278	193	0.0019	0.0018	0.0010	0.0001	0.0004	0.0011	0.0002	0.0001	0.0000	0.0006	0.0028
305	2025	ALT1	WB	PM	Ramp	0.10	0.14	2.45	0.32	835	580	0.0063	0.0058	0.0032	0.0002	0.0011	0.0035	0.0007	0.0004	0.0001	0.0017	0.0092
306	2025	ALT1	WB	PM	Ramp	0.03	0.04	0.84	0.10	262	180	0.0017	0.0016	0.0010	0.0001	0.0003	0.0009	0.0002	0.0001	0.0000	0.0003	0.0017
307	2025	ALT1	WB	PM	Ramp	0.17	0.25	2.18	0.28	1094	750	0.0104	0.0096	0.0055	0.0003	0.0019	0.0059	0.0012	0.0008	0.0001	0.0010	0.0166
308	2025	ALT1	WB	PM	Ramp	0.07	0.10	1.69	0.22	589	409	0.0045	0.0042	0.0023	0.0001	0.0009	0.0026	0.0005	0.0003	0.0000	0.0012	0.0072
309	2025	ALT1	WB	PM	Ramp	0.19	0.27	2.27	0.36	1138	791	0.0112	0.0104	0.0060	0.0003	0.0038	0.0097	0.0012	0.0008	0.0001	0.0020	0.0422
310	2025	ALT1	WB	PM	Ramp	0.39	0.54	9.54	1.44	3229	2278	0.0267	0.0247	0.0121	0.0006	0.0060	0.0163	0.0026	0.0014	0.0002	0.0108	0.0592
311	2025	ALT1	WB	PM	Ramp	0.22	0.31	3.60	0.47	1497	1033	0.0126	0.0117	0.0069	0.0003	0.0027	0.0080	0.0015	0.0009	0.0001	0.0020	0.0244
312	2025	ALT1	WB	PM	Ramp	0.05	0.07	1.28	0.17	408	284	0.0029	0.0027	0.0015	0.0001	0.0005	0.0017	0.0003	0.0002	0.0000	0.0009	0.0044
313	2025	ALT1	WB	PM	Ramp	0.37	0.50	10.79	1.42	3232	2250	0.0223	0.0206	0.0116	0.0006	0.0043	0.0129	0.0025	0.0013	0.0002	0.0075	0.0359
314	2025	ALT1	WB	PM	Ramp	0.10	0.14	2.21	0.26	769	528	0.0055	0.0051	0.0031	0.0002	0.0008	0.0028	0.0007	0.0004	0.0001	0.0008	0.0050
315	2025	ALT1	WB	PM	Ramp	0.11	0.16	2.48	0.33	888	616	0.0069	0.0064	0.0036	0.0002	0.0014	0.0041	0.0008	0.0005	0.0001	0.0017	0.0119
316	2025	ALT1	WB	PM	Ramp	0.06	0.08	1.52	0.17	498	341	0.0033	0.0031	0.0019	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0005	0.0024
317	2025	ALT1	WB	PM	Ramp	0.10	0.14	1.96	0.26	726	504	0.0058	0.0053	0.0030	0.0002	0.0012	0.0036	0.0007	0.0004	0.0001	0.0014	0.0113
318	2025	ALT1	WB	PM	Ramp	0.08	0.11	1.86	0.23	618	427	0.0044	0.0040	0.0024	0.0001	0.0007	0.0023	0.0005	0.0003	0.0000	0.0009	0.0049
319	2025	ALT1	WB	PM	Ramp	0.11	0.15	2.42	0.31	855	592	0.0065	0.0060	0.0034	0.0002	0.0012	0.0037	0.0008	0.0004	0.0001	0.0015	0.0100
320	2025	ALT1	WB	PM	Ramp	0.09	0.12	1.85	0.22	670	461	0.0050	0.0046	0.0028	0.0001	0.0008	0.0027	0.0006	0.0004	0.0001	0.0008	0.0056
321	2025	ALT1	WB	PM	Ramp	0.11	0.15	2.15	0.28	799	554	0.0063	0.0059	0.0033	0.0002	0.0014	0.0039	0.0007	0.0004	0.0001	0.0015	0.0123
322	2025	ALT1	WB	PM	Ramp	0.09	0.12	1.45	0.19	605	418	0.0051	0.0048	0.0028	0.0001	0.0012	0.0034	0.0006	0.0004	0.0001	0.0009	0.0110
323	2025	ALT1	WB	PM	Ramp	0.14	0.19	3.94	0.54	1216	850	0.0089	0.0082	0.0044	0.0002	0.0018	0.0052	0.0010	0.0005	0.0001	0.0032	0.0162
324	2025	ALT1	WB	PM	Ramp	0.08	0.12	2.17	0.27	701	483	0.0048	0.0045	0.0027	0.0001	0.0008	0.0026	0.0006	0.0003	0.0001	0.0011	0.0054
325	2025	ALT1	WB	PM	Ramp	0.24	0.33	4.83	0.69	1783	1246	0.0147	0.0136	0.0073	0.0004	0.0035	0.0096	0.0016	0.0009	0.0001	0.0044	0.0338
326	2025	ALT1	WB	PM	Ramp																	
327	2025	ALT1	WB	PM	Ramp																	
328	2025	ALT1	WB	PM	Ramp	0.05	0.07	1.46	0.17	445	306	0.0028	0.0026	0.0017	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0005	0.0025
329	2025	ALT1	WB	PM	Ramp	0.13	0.18	2.81	0.37	1016	705	0.0079	0.0073	0.0042	0.0002	0.0016	0.0047	0.0009	0.0005	0.0001	0.0019	0.0139
330	2025	ALT1	WB	PM	Ramp	0.04	0.05	1.09	0.14	333	230	0.0022	0.0020	0.0012	0.0001	0.0004	0.0012	0.0003	0.0001	0.0000	0.0006	0.0028
331	2025	ALT1	WB	PM	Ramp	0.13	0.18	3.65	0.52	1136	797	0.0085	0.0079	0.0041	0.0002	0.0018	0.0051	0.0009	0.0005	0.0001	0.0034	0.0168

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
332	2025	ALT1	WB	PM	Ramp	0.05	0.07	1.59	0.22	464	324	0.0032	0.0030	0.0016	0.0001	0.0007	0.0019	0.0004	0.0002	0.0000	0.0013	0.0057
333	2025	ALT1	WB	PM	Ramp	0.11	0.14	2.92	0.44	918	649	0.0074	0.0068	0.0033	0.0002	0.0017	0.0045	0.0007	0.0004	0.0001	0.0034	0.0168
334	2025	ALT1	WB	PM	Ramp	0.05	0.07	1.49	0.21	450	316	0.0033	0.0031	0.0016	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0014	0.0066
335	2025	ALT1	WB	PM	Ramp	0.15	0.20	3.88	0.66	1290	924	0.0117	0.0108	0.0046	0.0002	0.0030	0.0075	0.0010	0.0005	0.0001	0.0062	0.0320
336	2025	ALT1	WB	PM	Ramp	0.12	0.16	3.02	0.50	995	711	0.0088	0.0081	0.0036	0.0002	0.0022	0.0056	0.0007	0.0004	0.0001	0.0045	0.0232
337	2025	ALT1	WB	PM	Ramp	0.09	0.12	2.00	0.39	719	523	0.0073	0.0068	0.0026	0.0001	0.0021	0.0050	0.0005	0.0003	0.0001	0.0043	0.0236
338	2025	ALT1	WB	PM	Ramp	0.08	0.11	1.97	0.36	670	485	0.0065	0.0060	0.0024	0.0001	0.0018	0.0043	0.0005	0.0002	0.0001	0.0038	0.0197
339	2025	ALT1	WB	PM	Ramp	0.18	0.23	5.46	0.80	1582	1111	0.0117	0.0108	0.0055	0.0003	0.0023	0.0064	0.0012	0.0005	0.0001	0.0059	0.0191
340	2025	ALT1	WB	PM	Ramp	0.61	0.81	15.94	2.68	5188	3714	0.0462	0.0427	0.0184	0.0009	0.0116	0.0294	0.0038	0.0019	0.0004	0.0246	0.1240
341	2025	ALT1	WB	PM	Ramp	0.82	1.11	17.54	3.21	6492	4668	0.0632	0.0583	0.0248	0.0011	0.0167	0.0417	0.0051	0.0028	0.0005	0.0318	0.1836
342	2025	ALT1	WB	PM	Ramp	0.06	0.08	1.42	0.24	476	341	0.0043	0.0040	0.0017	0.0001	0.0011	0.0028	0.0004	0.0002	0.0000	0.0022	0.0118
343	2025	ALT1	WB	PM	Ramp	0.25	0.34	2.80	0.53	1377	974	0.0142	0.0131	0.0075	0.0003	0.0069	0.0161	0.0015	0.0009	0.0001	0.0040	0.0826
344	2025	ALT1	WB	PM	Ramp	0.06	0.08	1.51	0.23	490	346	0.0040	0.0037	0.0018	0.0001	0.0009	0.0025	0.0004	0.0002	0.0000	0.0017	0.0092
345	2025	ALT1	WB	PM	Ramp	0.09	0.12	1.14	0.21	511	363	0.0051	0.0047	0.0026	0.0001	0.0023	0.0053	0.0005	0.0003	0.0000	0.0017	0.0268
346	2025	ALT1	WB	PM	Ramp	0.12	0.17	1.94	0.30	808	566	0.0073	0.0068	0.0037	0.0002	0.0024	0.0060	0.0008	0.0005	0.0001	0.0020	0.0256
347	2025	ALT1	WB	PM	Ramp	0.10	0.15	1.96	0.24	761	524	0.0060	0.0056	0.0033	0.0002	0.0011	0.0035	0.0007	0.0004	0.0001	0.0009	0.0089
348	2025	ALT1	WB	PM	Ramp	0.32	0.42	8.36	1.38	2704	1931	0.0236	0.0218	0.0096	0.0005	0.0058	0.0149	0.0020	0.0010	0.0002	0.0122	0.0616
349	2025	ALT1	WB	PM	Ramp	0.14	0.19	3.26	0.42	1104	766	0.0082	0.0076	0.0043	0.0002	0.0014	0.0045	0.0009	0.0005	0.0001	0.0021	0.0112
350	2025	ALT1	WB	PM	Ramp	0.12	0.16	3.52	0.44	1018	705	0.0064	0.0060	0.0036	0.0002	0.0012	0.0037	0.0008	0.0004	0.0001	0.0019	0.0083
351	2025	ALT1	WB	PM	Ramp	0.10	0.13	1.48	0.30	628	453	0.0064	0.0059	0.0029	0.0001	0.0028	0.0064	0.0006	0.0003	0.0001	0.0029	0.0331
352	2025	ALT1	WB	PM	Ramp	0.07	0.10	1.57	0.20	553	382	0.0042	0.0039	0.0022	0.0001	0.0008	0.0023	0.0005	0.0003	0.0000	0.0009	0.0060
353	2025	ALT1	WB	PM	Ramp	0.16	0.23	4.26	0.51	1367	941	0.0092	0.0085	0.0052	0.0003	0.0014	0.0048	0.0012	0.0007	0.0001	0.0018	0.0091
354	2025	ALT1	WB	PM	Ramp	0.31	0.43	5.36	0.81	2146	1504	0.0188	0.0174	0.0095	0.0004	0.0056	0.0145	0.0020	0.0012	0.0002	0.0055	0.0597
355	2025	ALT1	WB	PM	Ramp	0.13	0.18	2.43	0.31	937	647	0.0075	0.0069	0.0041	0.0002	0.0016	0.0046	0.0009	0.0005	0.0001	0.0014	0.0136
356	2025	ALT1	WB	PM	Ramp	0.10	0.14	1.93	0.25	731	506	0.0058	0.0054	0.0031	0.0002	0.0013	0.0037	0.0007	0.0004	0.0001	0.0012	0.0113
357	2025	ALT1	WB	PM	Ramp	0.28	0.39	4.59	0.62	1912	1321	0.0163	0.0151	0.0088	0.0004	0.0038	0.0107	0.0019	0.0012	0.0002	0.0029	0.0353
358	2025	ALT1	WB	PM	Ramp	0.25	0.34	2.49	0.54	1267	907	0.0137	0.0127	0.0073	0.0003	0.0083	0.0187	0.0014	0.0008	0.0001	0.0046	0.1030
359	2025	ALT1	WB	PM	Ramp	0.16	0.23	2.56	0.36	1087	753	0.0095	0.0088	0.0051	0.0002	0.0024	0.0067	0.0011	0.0007	0.0001	0.0018	0.0241
360	2025	ALT1	WB	PM	Ramp	0.13	0.18	1.89	0.31	828	582	0.0078	0.0072	0.0040	0.0002	0.0029	0.0071	0.0008	0.0005	0.0001	0.0022	0.0322
361	2025	ALT1	WB	PM	Ramp	0.18	0.26	2.27	0.31	1144	787	0.0110	0.0102	0.0058	0.0003	0.0024	0.0070	0.0012	0.0009	0.0001	0.0012	0.0225
362	2025	ALT1	WB	PM	Ramp	0.10	0.14	2.08	0.31	766	537	0.0064	0.0060	0.0031	0.0002	0.0016	0.0042	0.0007	0.0004	0.0001	0.0021	0.0155
363	2025	ALT1	WB	PM	Ramp	0.29	0.42	4.57	0.59	1981	1362	0.0170	0.0158	0.0093	0.0005	0.0033	0.0101	0.0020	0.0013	0.0002	0.0022	0.0279
364	2025	ALT1	WB	PM	HOV																	
365	2025	ALT1	WB	PM	HOV																	
366	2025	ALT1	WB	PM	HOV																	
367	2025	ALT1	WB	PM	HOV																	
368	2025	ALT1	WB	PM	HOV																	
369	2025	ALT1	WB	PM	HOV																	
370	2025	ALT1	WB	PM	HOV																	
371	2025	ALT1	WB	PM	HOV																	
372	2025	ALT1	WB	PM	HOV																	
373	2025	ALT1	WB	PM	HOV																	
374	2025	ALT1	WB	PM	HOV																	
375	2025	ALT1	WB	PM	HOV																	
376	2025	ALT1	WB	PM	HOV																	
377	2025	ALT1	WB	PM	HOV																	
378	2025	ALT1	WB	PM	HOV																	
379	2025	ALT1	WB	PM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
380	2025	ALT1	WB	PM	HOV																	
381	2025	ALT1	WB	PM	HOV																	
382	2025	ALT1	WB	PM	HOV																	
383	2025	ALT1	WB	PM	HOV																	
384	2025	ALT1	WB	PM	HOV																	
385	2025	ALT1	WB	PM	HOV																	
386	2025	ALT1	WB	PM	HOV																	
387	2025	ALT1	WB	PM	HOV																	
388	2025	ALT1	WB	PM	HOV																	
389	2025	ALT1	WB	PM	HOV																	
390	2025	ALT1	WB	PM	HOV																	
391	2025	ALT1	WB	PM	HOV																	
392	2025	ALT1	WB	PM	HOV																	
393	2025	ALT1	WB	PM	HOV																	
394	2025	ALT1	WB	PM	HOV																	
395	2025	ALT1	WB	PM	HOV																	
396	2025	ALT1	WB	PM	HOV																	
397	2025	ALT1	WB	PM	HOV																	
398	2025	ALT1	WB	PM	HOV																	
399	2025	ALT1	WB	PM	HOV																	
400	2025	ALT1	WB	PM	HOV																	
401	2025	ALT1	WB	PM	HOV																	
402	2025	ALT1	WB	PM	HOV																	
403	2025	ALT1	WB	PM	HOV																	
404	2025	ALT1	WB	PM	HOV																	
405	2025	ALT1	WB	PM	HOV																	
406	2025	ALT1	WB	PM	HOV																	
407	2025	ALT1	WB	PM	HOV																	
408	2025	ALT1	WB	PM	HOV																	
409	2025	ALT1	WB	PM	HOV																	
410	2025	ALT1	WB	PM	HOV																	
411	2025	ALT1	WB	PM	HOV																	
412	2025	ALT1	WB	PM	HOV																	
413	2025	ALT1	WB	PM	HOV																	
414	2025	ALT1	WB	PM	HOV																	
415	2025	ALT1	WB	PM	HOV																	
416	2025	ALT1	WB	PM	HOV																	
417	2025	ALT1	WB	PM	HOV																	
418	2025	ALT1	WB	PM	HOV																	
419	2025	ALT1	WB	PM	HOV	0.62	0.86	19.11	2.03	5447	3708	0.0293	0.0272	0.0198	0.0011	0.0036	0.0148	0.0045	0.0024	0.0003	0.0022	0.0065
420	2025	ALT1	WB	PM	HOV	0.62	0.86	19.11	2.03	5447	3708	0.0293	0.0272	0.0198	0.0011	0.0036	0.0148	0.0045	0.0024	0.0003	0.0022	0.0065
421	2025	ALT1	WB	PM	HOV	0.24	0.34	7.53	0.80	2149	1463	0.0116	0.0107	0.0078	0.0004	0.0014	0.0058	0.0018	0.0009	0.0001	0.0009	0.0026
422	2025	ALT1	WB	PM	HOV	0.42	0.57	13.57	1.46	3722	2534	0.0188	0.0174	0.0133	0.0007	0.0024	0.0099	0.0030	0.0015	0.0002	0.0015	0.0043
423	2025	ALT1	WB	PM	HOV	0.42	0.57	13.57	1.46	3722	2534	0.0188	0.0174	0.0133	0.0007	0.0024	0.0099	0.0030	0.0015	0.0002	0.0015	0.0043
424	2025	ALT1	WB	PM	HOV	0.42	0.57	13.57	1.46	3722	2534	0.0188	0.0174	0.0133	0.0007	0.0024	0.0099	0.0030	0.0015	0.0002	0.0015	0.0043
425	2025	ALT1	WB	PM	HOV	0.42	0.57	13.57	1.46	3722	2534	0.0188	0.0174	0.0133	0.0007	0.0024	0.0099	0.0030	0.0015	0.0002	0.0015	0.0043
426	2025	ALT1	WB	PM	HOV	0.35	0.47	11.87	1.30	3168	2157	0.0150	0.0139	0.0112	0.0006	0.0021	0.0084	0.0025	0.0012	0.0002	0.0013	0.0035
427	2025	ALT1	WB	PM	HOV	0.35	0.47	11.87	1.30	3168	2157	0.0150	0.0139	0.0112	0.0006	0.0021	0.0084	0.0025	0.0012	0.0002	0.0013	0.0035

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
428	2025	ALT1	WB	PM	HOV	0.35	0.47	11.87	1.30	3168	2157	0.0150	0.0139	0.0112	0.0006	0.0021	0.0084	0.0025	0.0012	0.0002	0.0013	0.0035
429	2025	ALT1	WB	PM	HOV	0.35	0.47	11.87	1.30	3168	2157	0.0150	0.0139	0.0112	0.0006	0.0021	0.0084	0.0025	0.0012	0.0002	0.0013	0.0035
430	2025	ALT1	WB	PM	HOV	0.35	0.48	11.63	1.26	3155	2148	0.0156	0.0145	0.0112	0.0006	0.0021	0.0084	0.0025	0.0013	0.0002	0.0013	0.0036
431	2025	ALT1	WB	PM	HOV	0.35	0.48	11.63	1.26	3155	2148	0.0156	0.0145	0.0112	0.0006	0.0021	0.0084	0.0025	0.0013	0.0002	0.0013	0.0036
432	2025	ALT1	WB	PM	HOV	0.35	0.48	11.63	1.26	3155	2148	0.0156	0.0145	0.0112	0.0006	0.0021	0.0084	0.0025	0.0013	0.0002	0.0013	0.0036
433	2025	ALT1	WB	PM	HOV	0.35	0.48	11.63	1.26	3155	2148	0.0156	0.0145	0.0112	0.0006	0.0021	0.0084	0.0025	0.0013	0.0002	0.0013	0.0036
434	2025	ALT1	WB	PM	HOV	0.35	0.48	11.63	1.26	3155	2148	0.0156	0.0145	0.0112	0.0006	0.0021	0.0084	0.0025	0.0013	0.0002	0.0013	0.0036
435	2025	ALT1	WB	PM	HOV	0.22	0.30	6.88	0.74	1921	1308	0.0100	0.0093	0.0069	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0008	0.0023
436	2025	ALT1	WB	PM	HOV	0.22	0.30	6.88	0.74	1921	1308	0.0100	0.0093	0.0069	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0008	0.0023
437	2025	ALT1	WB	PM	HOV	0.22	0.30	6.88	0.74	1921	1308	0.0100	0.0093	0.0069	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0008	0.0023
216	2025	ALT1	WB	NT	Mainline	1.07	1.32	19.44	7.95	9530	7473	0.2812	0.2588	0.0307	0.0012	0.0318	0.0723	0.0061	0.0020	0.0014	0.2621	0.3755
217	2025	ALT1	WB	NT	Mainline	1.99	2.44	35.86	15.25	17921	14126	0.5448	0.5015	0.0567	0.0023	0.0616	0.1390	0.0111	0.0037	0.0026	0.5102	0.7347
218	2025	ALT1	WB	NT	Mainline	1.39	1.70	25.27	9.99	12193	9521	0.3500	0.3222	0.0397	0.0016	0.0397	0.0908	0.0079	0.0026	0.0017	0.3249	0.4651
219	2025	ALT1	WB	NT	Mainline	2.01	2.47	36.82	14.81	17895	14014	0.5171	0.4760	0.0575	0.0023	0.0595	0.1353	0.0113	0.0038	0.0025	0.4809	0.7030
220	2025	ALT1	WB	NT	Mainline	1.16	1.43	21.68	7.88	10055	7770	0.2672	0.2460	0.0337	0.0014	0.0309	0.0717	0.0068	0.0023	0.0013	0.2452	0.3547
221	2025	ALT1	WB	NT	Mainline	1.04	1.28	19.26	7.28	9091	7063	0.2493	0.2295	0.0299	0.0012	0.0289	0.0665	0.0060	0.0020	0.0012	0.2300	0.3362
222	2025	ALT1	WB	NT	Mainline	1.20	1.49	22.63	7.93	10316	7936	0.2649	0.2439	0.0350	0.0015	0.0308	0.0721	0.0071	0.0024	0.0013	0.2416	0.3503
223	2025	ALT1	WB	NT	Mainline	0.57	0.70	10.68	3.70	4847	3723	0.1231	0.1133	0.0165	0.0007	0.0144	0.0337	0.0034	0.0011	0.0006	0.1121	0.1627
224	2025	ALT1	WB	NT	Mainline	0.75	0.93	14.01	5.20	6554	5080	0.1769	0.1628	0.0217	0.0009	0.0205	0.0474	0.0044	0.0015	0.0009	0.1628	0.2377
225	2025	ALT1	WB	NT	Mainline	0.48	0.59	8.96	3.38	4224	3281	0.1157	0.1065	0.0139	0.0006	0.0134	0.0308	0.0028	0.0009	0.0006	0.1067	0.1557
226	2025	ALT1	WB	NT	Mainline	2.15	2.65	39.56	15.15	18802	14623	0.5245	0.4828	0.0619	0.0026	0.0599	0.1378	0.0124	0.0041	0.0026	0.4848	0.6963
227	2025	ALT1	WB	NT	Mainline	0.78	0.96	14.52	5.22	6706	5173	0.1772	0.1631	0.0227	0.0010	0.0203	0.0474	0.0046	0.0015	0.0009	0.1623	0.2319
228	2025	ALT1	WB	NT	Mainline	0.46	0.56	8.65	2.77	3796	2886	0.0898	0.0826	0.0134	0.0006	0.0105	0.0251	0.0028	0.0009	0.0005	0.0806	0.1152
229	2025	ALT1	WB	NT	Mainline	3.11	3.85	59.38	19.27	26180	19943	0.6245	0.5750	0.0911	0.0040	0.0735	0.1750	0.0188	0.0062	0.0032	0.5623	0.8155
230	2025	ALT1	WB	NT	Mainline	0.75	0.93	14.40	4.54	6275	4761	0.1458	0.1342	0.0221	0.0010	0.0172	0.0412	0.0046	0.0015	0.0007	0.1305	0.1879
231	2025	ALT1	WB	NT	Mainline	0.82	1.01	15.52	5.07	6864	5234	0.1648	0.1518	0.0238	0.0011	0.0194	0.0461	0.0049	0.0016	0.0008	0.1486	0.2157
232	2025	ALT1	WB	NT	Mainline	0.83	1.03	15.87	4.99	6911	5243	0.1602	0.1475	0.0244	0.0011	0.0189	0.0453	0.0051	0.0017	0.0008	0.1434	0.2065
233	2025	ALT1	WB	NT	Mainline	2.84	3.53	55.38	17.75	24186	18420	0.5634	0.5188	0.0831	0.0036	0.0683	0.1620	0.0171	0.0057	0.0029	0.5060	0.7618
234	2025	ALT1	WB	NT	Mainline	0.46	0.58	9.06	2.77	3885	2939	0.0867	0.0799	0.0137	0.0006	0.0105	0.0252	0.0028	0.0009	0.0004	0.0772	0.1144
235	2025	ALT1	WB	NT	Mainline	1.86	2.30	36.37	11.39	15717	11936	0.3573	0.3290	0.0543	0.0024	0.0436	0.1039	0.0112	0.0037	0.0018	0.3195	0.4829
236	2025	ALT1	WB	NT	Mainline	1.18	1.46	22.94	7.08	9875	7481	0.2226	0.2050	0.0346	0.0015	0.0268	0.0644	0.0072	0.0024	0.0011	0.1985	0.2944
237	2025	ALT1	WB	NT	Mainline	1.91	2.35	35.94	12.72	16445	12673	0.4244	0.3907	0.0552	0.0024	0.0498	0.1160	0.0112	0.0037	0.0021	0.3878	0.5694
238	2025	ALT1	WB	NT	Mainline	0.60	0.75	11.51	3.92	5176	3970	0.1289	0.1186	0.0176	0.0008	0.0152	0.0358	0.0036	0.0012	0.0006	0.1170	0.1725
239	2025	ALT1	WB	NT	Mainline	0.53	0.66	10.18	3.45	4568	3501	0.1131	0.1041	0.0155	0.0007	0.0134	0.0315	0.0032	0.0011	0.0006	0.1026	0.1513
240	2025	ALT1	WB	NT	Mainline	0.66	0.82	12.76	3.93	5494	4159	0.1239	0.1141	0.0194	0.0009	0.0148	0.0357	0.0040	0.0013	0.0006	0.1104	0.1619
241	2025	ALT1	WB	NT	Mainline	2.48	3.07	47.95	15.11	20832	15820	0.4799	0.4419	0.0726	0.0032	0.0575	0.1374	0.0150	0.0050	0.0025	0.4297	0.6346
242	2025	ALT1	WB	NT	Mainline	0.17	0.21	3.28	1.00	1410	1067	0.0317	0.0292	0.0050	0.0002	0.0038	0.0091	0.0010	0.0003	0.0002	0.0282	0.0411
243	2025	ALT1	WB	NT	Mainline	2.11	2.61	40.67	12.98	17771	13518	0.4149	0.3820	0.0617	0.0027	0.0496	0.1182	0.0127	0.0042	0.0021	0.3724	0.5498
244	2025	ALT1	WB	NT	Mainline	0.32	0.39	6.08	1.91	2644	2006	0.0610	0.0562	0.0093	0.0004	0.0072	0.0174	0.0019	0.0006	0.0003	0.0546	0.0795
245	2025	ALT1	WB	NT	Mainline	2.03	2.51	39.12	12.48	17082	12994	0.3983	0.3668	0.0593	0.0026	0.0477	0.1136	0.0122	0.0041	0.0020	0.3575	0.5285
246	2025	ALT1	WB	NT	Mainline	1.53	1.89	29.35	9.19	12736	9660	0.2926	0.2694	0.0448	0.0020	0.0348	0.0834	0.0093	0.0031	0.0015	0.2616	0.3815
247	2025	ALT1	WB	NT	Mainline	2.02	2.50	38.78	12.66	17113	13055	0.4086	0.3762	0.0590	0.0026	0.0487	0.1154	0.0121	0.0040	0.0021	0.3683	0.5436
248	2025	ALT1	WB	NT	Mainline	0.62	0.76	11.82	3.75	5158	3918	0.1201	0.1106	0.0180	0.0008	0.0142	0.0341	0.0037	0.0012	0.0006	0.1077	0.1569
249	2025	ALT1	WB	NT	Mainline	1.97	2.44	37.32	12.44	16650	12725	0.4080	0.3757	0.0575	0.0025	0.0477	0.1130	0.0118	0.0039	0.0021	0.3691	0.5336
250	2025	ALT1	WB	NT	Mainline	3.10	3.84	59.41	19.15	26101	19870	0.6176	0.5687	0.0908	0.0040	0.0731	0.1740	0.0187	0.0062	0.0031	0.5554	0.8096
251	2025	ALT1	WB	NT	Mainline	2.40	2.96	45.55	15.57	20513	15740	0.5121	0.4715	0.0696	0.0030	0.0605	0.1420	0.0142	0.0047	0.0026	0.4653	0.6855
252	2025	ALT1	WB	NT	Mainline	1.90	2.35	36.09	11.96	16050	12261	0.3903	0.3594	0.0553	0.0024	0.0460	0.1088	0.0114	0.0038	0.0020	0.3527	0.5140
253	2025	ALT1	WB	NT	Mainline	1.36	1.68	25.85	8.57	11494	8781	0.2795	0.2574	0.0396	0.0017	0.0329	0.0779	0.0081	0.0027	0.0014	0.2526	0.3681

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
254	2025	ALT1	WB	NT	Mainline	1.31	1.62	24.92	8.26	11080	8465	0.2695	0.2481	0.0382	0.0017	0.0317	0.0751	0.0078	0.0026	0.0014	0.2435	0.3549
255	2025	ALT1	WB	NT	Mainline	2.25	2.78	42.45	15.11	19469	15015	0.5046	0.4645	0.0652	0.0028	0.0593	0.1379	0.0132	0.0044	0.0025	0.4614	0.6792
256	2025	ALT1	WB	NT	Mainline	1.40	1.72	26.44	8.94	11866	9088	0.2943	0.2710	0.0406	0.0018	0.0345	0.0814	0.0083	0.0028	0.0015	0.2670	0.3888
257	2025	ALT1	WB	NT	Mainline	1.80	2.23	34.16	11.97	15554	11972	0.3972	0.3657	0.0523	0.0022	0.0468	0.1092	0.0106	0.0035	0.0020	0.3624	0.5343
258	2025	ALT1	WB	NT	Mainline	1.57	1.94	29.65	9.98	13289	10167	0.3294	0.3033	0.0458	0.0020	0.0383	0.0906	0.0094	0.0031	0.0017	0.2985	0.4291
259	2025	ALT1	WB	NT	Mainline	2.29	2.83	43.09	14.73	19447	14907	0.4893	0.4505	0.0668	0.0029	0.0568	0.1337	0.0137	0.0045	0.0025	0.4446	0.6385
260	2025	ALT1	WB	NT	Mainline	1.53	1.89	28.95	9.65	12923	9876	0.3174	0.2923	0.0447	0.0020	0.0370	0.0876	0.0092	0.0030	0.0016	0.2872	0.4132
261	2025	ALT1	WB	NT	Mainline	1.96	2.42	36.95	12.74	16728	12842	0.4233	0.3897	0.0570	0.0025	0.0494	0.1159	0.0116	0.0039	0.0021	0.3851	0.5582
262	2025	ALT1	WB	NT	Mainline	5.05	6.24	95.02	32.52	42903	32897	1.0801	0.9945	0.1470	0.0064	0.1255	0.2954	0.0301	0.0099	0.0054	0.9817	1.4135
263	2025	ALT1	WB	NT	Mainline	2.55	3.15	48.07	16.73	21847	16792	0.5570	0.5128	0.0741	0.0032	0.0650	0.1522	0.0151	0.0050	0.0028	0.5076	0.7374
264	2025	ALT1	WB	NT	Mainline	1.00	1.24	19.16	6.81	8766	6766	0.2252	0.2073	0.0290	0.0012	0.0270	0.0625	0.0059	0.0020	0.0011	0.2059	0.3107
265	2025	ALT1	WB	NT	Mainline	0.53	0.66	10.05	3.60	4626	3571	0.1206	0.1110	0.0154	0.0007	0.0142	0.0329	0.0031	0.0010	0.0006	0.1104	0.1631
266	2025	ALT1	WB	NT	Mainline	1.89	2.32	34.93	13.73	16773	13106	0.4725	0.4350	0.0539	0.0022	0.0553	0.1260	0.0107	0.0036	0.0023	0.4382	0.6519
267	2025	ALT1	WB	NT	Mainline	0.59	0.72	10.81	4.33	5238	4102	0.1498	0.1379	0.0167	0.0007	0.0175	0.0397	0.0033	0.0011	0.0007	0.1392	0.2071
268	2025	ALT1	WB	NT	Mainline	0.11	0.13	1.99	0.76	945	736	0.0260	0.0240	0.0031	0.0001	0.0031	0.0070	0.0006	0.0002	0.0001	0.0241	0.0360
269	2025	ALT1	WB	NT	Mainline	2.87	3.54	53.59	20.84	25593	19978	0.7119	0.6553	0.0823	0.0034	0.0842	0.1917	0.0163	0.0055	0.0035	0.6593	0.9913
270	2025	ALT1	WB	NT	Mainline	1.32	1.63	24.78	9.48	11733	9142	0.3209	0.2954	0.0378	0.0016	0.0382	0.0873	0.0075	0.0025	0.0016	0.2965	0.4492
271	2025	ALT1	WB	NT	Mainline	1.78	2.18	31.99	14.74	16648	13282	0.5261	0.4842	0.0500	0.0019	0.0620	0.1370	0.0095	0.0032	0.0025	0.4967	0.7579
272	2025	ALT1	WB	NT	Mainline	1.30	1.59	23.34	10.73	12130	9676	0.3819	0.3515	0.0364	0.0014	0.0452	0.0999	0.0069	0.0024	0.0018	0.3604	0.5527
273	2025	ALT1	WB	NT	Mainline	1.30	1.59	23.38	10.52	12015	9551	0.3758	0.3459	0.0366	0.0014	0.0437	0.0971	0.0070	0.0024	0.0018	0.3540	0.5301
274	2025	ALT1	WB	NT	Mainline	1.49	1.83	26.59	12.32	13876	11068	0.4443	0.4090	0.0419	0.0016	0.0513	0.1136	0.0080	0.0027	0.0021	0.4197	0.6255
275	2025	ALT1	WB	NT	Mainline	2.63	3.21	45.84	22.55	24687	19824	0.8327	0.7664	0.0734	0.0027	0.0939	0.2068	0.0138	0.0047	0.0039	0.7912	1.1544
276	2025	ALT1	WB	NT	Mainline	0.70	0.86	12.44	5.71	6461	5142	0.2080	0.1914	0.0198	0.0008	0.0234	0.0522	0.0038	0.0013	0.0010	0.1963	0.2839
277	2025	ALT1	WB	NT	Mainline	1.56	1.90	27.33	13.24	14599	11701	0.4867	0.4480	0.0436	0.0016	0.0551	0.1214	0.0082	0.0028	0.0023	0.4618	0.6748
278	2025	ALT1	WB	NT	Mainline	0.86	1.04	15.01	7.23	7993	6402	0.2650	0.2439	0.0239	0.0009	0.0301	0.0663	0.0045	0.0015	0.0012	0.2513	0.3682
279	2025	ALT1	WB	NT	Mainline	1.67	2.04	29.91	13.82	15584	12434	0.4951	0.4557	0.0469	0.0018	0.0579	0.1281	0.0089	0.0030	0.0023	0.4675	0.7076
280	2025	ALT1	WB	NT	Mainline	1.66	2.02	28.96	14.57	15798	12733	0.5349	0.4923	0.0461	0.0017	0.0617	0.1350	0.0085	0.0029	0.0025	0.5091	0.7640
281	2025	ALT1	WB	NT	Mainline	1.23	1.51	22.08	10.22	11518	9193	0.3657	0.3366	0.0346	0.0013	0.0429	0.0949	0.0065	0.0022	0.0017	0.3454	0.5250
282	2025	ALT1	WB	NT	Mainline	1.79	2.17	31.25	15.53	16938	13634	0.5677	0.5225	0.0496	0.0018	0.0658	0.1442	0.0092	0.0032	0.0027	0.5398	0.8140
283	2025	ALT1	WB	NT	Mainline	1.67	2.04	29.62	14.18	15734	12609	0.5127	0.4719	0.0467	0.0017	0.0599	0.1317	0.0088	0.0030	0.0024	0.4858	0.7362
284	2025	ALT1	WB	NT	Mainline	2.08	2.54	37.52	16.92	19303	15360	0.6002	0.5525	0.0584	0.0022	0.0709	0.1572	0.0111	0.0038	0.0028	0.5655	0.8634
285	2025	ALT1	WB	NT	Mainline	1.50	1.83	26.57	12.79	14154	11350	0.4631	0.4263	0.0419	0.0015	0.0540	0.1187	0.0079	0.0027	0.0022	0.4391	0.6645
286	2025	ALT1	WB	NT	Mainline	1.35	1.65	24.36	10.96	12517	9957	0.3886	0.3577	0.0379	0.0014	0.0459	0.1018	0.0072	0.0025	0.0018	0.3660	0.5588
287	2025	ALT1	WB	NT	Mainline	2.42	2.96	42.79	20.67	22834	18318	0.7490	0.6894	0.0675	0.0025	0.0873	0.1919	0.0126	0.0043	0.0035	0.7104	1.0748
288	2025	ALT1	WB	NT	Mainline	0.25	0.31	4.52	2.05	2333	1855	0.0735	0.0677	0.0071	0.0003	0.0085	0.0189	0.0014	0.0005	0.0003	0.0693	0.1030
289	2025	ALT1	WB	NT	Mainline	2.68	3.28	48.05	22.20	25040	19982	0.7939	0.7307	0.0752	0.0028	0.0933	0.2062	0.0142	0.0049	0.0038	0.7497	1.1406
290	2025	ALT1	WB	NT	Ramp	0.04	0.06	1.37	0.17	384	266	0.0024	0.0022	0.0013	0.0001	0.0004	0.0014	0.0003	0.0001	0.0000	0.0007	0.0031
291	2025	ALT1	WB	NT	Ramp	0.04	0.06	1.25	0.17	377	263	0.0026	0.0024	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0009	0.0045
292	2025	ALT1	WB	NT	Ramp	0.01	0.01	0.34	0.04	97	67	0.0006	0.0006	0.0003	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0002	0.0008
293	2025	ALT1	WB	NT	Ramp	0.12	0.16	2.42	0.33	886	618	0.0072	0.0066	0.0037	0.0002	0.0016	0.0045	0.0008	0.0005	0.0001	0.0020	0.0151
294	2025	ALT1	WB	NT	Ramp	0.04	0.05	1.08	0.15	335	235	0.0025	0.0023	0.0012	0.0001	0.0005	0.0015	0.0003	0.0001	0.0000	0.0010	0.0050
295	2025	ALT1	WB	NT	Ramp	0.09	0.12	1.87	0.26	683	476	0.0055	0.0051	0.0028	0.0001	0.0012	0.0035	0.0006	0.0004	0.0001	0.0016	0.0115
296	2025	ALT1	WB	NT	Ramp	0.02	0.02	0.35	0.07	133	96	0.0013	0.0012	0.0005	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0007	0.0041
297	2025	ALT1	WB	NT	Ramp	0.38	0.50	9.44	1.84	3215	2344	0.0328	0.0303	0.0112	0.0005	0.0090	0.0216	0.0023	0.0011	0.0002	0.0206	0.1030
298	2025	ALT1	WB	NT	Ramp	0.00	0.00	0.10	0.01	30	21	0.0002	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0004
299	2025	ALT1	WB	NT	Ramp	0.01	0.02	0.45	0.07	133	94	0.0010	0.0009	0.0005	0.0000	0.0002	0.0006	0.0001	0.0000	0.0000	0.0005	0.0020
300	2025	ALT1	WB	NT	Ramp	0.20	0.27	5.83	0.80	1751	1225	0.0126	0.0116	0.0062	0.0003	0.0026	0.0074	0.0014	0.0007	0.0001	0.0048	0.0230
301	2025	ALT1	WB	NT	Ramp	0.09	0.12	2.28	0.39	763	547	0.0069	0.0064	0.0028	0.0001	0.0018	0.0044	0.0006	0.0003	0.0001	0.0036	0.0189

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
302	2025	ALT1	WB	NT	Ramp	0.01	0.01	0.25	0.04	75	52	0.0006	0.0005	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0003	0.0011
303	2025	ALT1	WB	NT	Ramp	0.03	0.04	0.78	0.15	263	191	0.0026	0.0024	0.0009	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0015	0.0079
304	2025	ALT1	WB	NT	Ramp	0.02	0.03	0.63	0.09	191	134	0.0015	0.0013	0.0007	0.0000	0.0003	0.0009	0.0001	0.0001	0.0000	0.0007	0.0030
305	2025	ALT1	WB	NT	Ramp	0.04	0.06	1.11	0.20	369	266	0.0034	0.0032	0.0013	0.0001	0.0009	0.0022	0.0003	0.0001	0.0000	0.0019	0.0098
306	2025	ALT1	WB	NT	Ramp	0.02	0.03	0.63	0.08	189	131	0.0013	0.0012	0.0007	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0004	0.0018
307	2025	ALT1	WB	NT	Ramp	0.08	0.10	1.44	0.23	553	391	0.0049	0.0046	0.0023	0.0001	0.0014	0.0037	0.0005	0.0003	0.0000	0.0018	0.0154
308	2025	ALT1	WB	NT	Ramp	0.05	0.07	1.29	0.21	423	301	0.0036	0.0033	0.0015	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0017	0.0090
309	2025	ALT1	WB	NT	Ramp	0.05	0.06	0.85	0.18	344	251	0.0037	0.0034	0.0014	0.0001	0.0013	0.0030	0.0003	0.0002	0.0000	0.0020	0.0153
310	2025	ALT1	WB	NT	Ramp	0.20	0.25	5.20	1.17	1804	1337	0.0241	0.0222	0.0059	0.0003	0.0049	0.0115	0.0012	0.0005	0.0001	0.0189	0.0552
311	2025	ALT1	WB	NT	Ramp	0.09	0.13	1.88	0.32	713	507	0.0066	0.0061	0.0029	0.0001	0.0019	0.0047	0.0006	0.0003	0.0001	0.0028	0.0201
312	2025	ALT1	WB	NT	Ramp	0.02	0.03	0.46	0.08	158	113	0.0015	0.0013	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0008	0.0041
313	2025	ALT1	WB	NT	Ramp	0.22	0.29	6.26	1.05	1953	1400	0.0174	0.0161	0.0067	0.0003	0.0042	0.0106	0.0014	0.0007	0.0001	0.0100	0.0441
314	2025	ALT1	WB	NT	Ramp	0.03	0.04	0.79	0.10	238	165	0.0016	0.0015	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0005	0.0026
315	2025	ALT1	WB	NT	Ramp	0.08	0.11	1.67	0.27	613	434	0.0055	0.0051	0.0024	0.0001	0.0013	0.0035	0.0005	0.0003	0.0000	0.0023	0.0140
316	2025	ALT1	WB	NT	Ramp	0.05	0.06	1.28	0.16	390	271	0.0027	0.0025	0.0014	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0039
317	2025	ALT1	WB	NT	Ramp	0.07	0.09	1.37	0.26	527	379	0.0052	0.0048	0.0021	0.0001	0.0015	0.0037	0.0004	0.0002	0.0000	0.0026	0.0172
318	2025	ALT1	WB	NT	Ramp	0.02	0.03	0.55	0.07	162	112	0.0010	0.0010	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0003	0.0013
319	2025	ALT1	WB	NT	Ramp	0.07	0.09	1.41	0.24	522	372	0.0048	0.0045	0.0020	0.0001	0.0012	0.0031	0.0004	0.0002	0.0000	0.0021	0.0130
320	2025	ALT1	WB	NT	Ramp	0.04	0.05	1.09	0.14	336	234	0.0024	0.0022	0.0012	0.0001	0.0005	0.0014	0.0003	0.0001	0.0000	0.0008	0.0039
321	2025	ALT1	WB	NT	Ramp	0.09	0.12	1.89	0.29	693	488	0.0059	0.0055	0.0028	0.0001	0.0014	0.0038	0.0006	0.0003	0.0001	0.0021	0.0144
322	2025	ALT1	WB	NT	Ramp	0.03	0.04	0.86	0.13	279	197	0.0023	0.0021	0.0010	0.0000	0.0005	0.0014	0.0002	0.0001	0.0000	0.0010	0.0054
323	2025	ALT1	WB	NT	Ramp	0.10	0.13	2.45	0.49	847	620	0.0089	0.0082	0.0030	0.0001	0.0025	0.0059	0.0006	0.0003	0.0001	0.0057	0.0288
324	2025	ALT1	WB	NT	Ramp	0.04	0.05	1.05	0.15	323	226	0.0024	0.0022	0.0012	0.0001	0.0005	0.0014	0.0002	0.0001	0.0000	0.0010	0.0047
325	2025	ALT1	WB	NT	Ramp	0.18	0.24	3.46	0.70	1358	987	0.0143	0.0132	0.0053	0.0002	0.0043	0.0103	0.0011	0.0006	0.0001	0.0077	0.0496
326	2025	ALT1	WB	NT	Ramp																	
327	2025	ALT1	WB	NT	Ramp																	
328	2025	ALT1	WB	NT	Ramp	0.03	0.05	0.99	0.13	295	205	0.0020	0.0018	0.0011	0.0001	0.0004	0.0011	0.0002	0.0001	0.0000	0.0006	0.0030
329	2025	ALT1	WB	NT	Ramp	0.10	0.14	2.10	0.33	768	543	0.0067	0.0062	0.0030	0.0001	0.0016	0.0043	0.0006	0.0004	0.0001	0.0026	0.0165
330	2025	ALT1	WB	NT	Ramp	0.02	0.03	0.54	0.08	168	119	0.0014	0.0013	0.0006	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0006	0.0031
331	2025	ALT1	WB	NT	Ramp	0.10	0.13	2.42	0.47	820	597	0.0083	0.0077	0.0029	0.0001	0.0023	0.0054	0.0006	0.0003	0.0001	0.0051	0.0257
332	2025	ALT1	WB	NT	Ramp	0.03	0.04	0.83	0.16	268	195	0.0027	0.0025	0.0009	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0018	0.0076
333	2025	ALT1	WB	NT	Ramp	0.08	0.11	2.07	0.43	720	529	0.0077	0.0071	0.0025	0.0001	0.0022	0.0051	0.0005	0.0002	0.0001	0.0050	0.0253
334	2025	ALT1	WB	NT	Ramp	0.03	0.04	0.86	0.17	285	208	0.0030	0.0027	0.0010	0.0000	0.0008	0.0018	0.0002	0.0001	0.0000	0.0020	0.0087
335	2025	ALT1	WB	NT	Ramp	0.12	0.16	2.49	0.72	1009	772	0.0140	0.0129	0.0034	0.0001	0.0045	0.0098	0.0006	0.0003	0.0001	0.0110	0.0557
336	2025	ALT1	WB	NT	Ramp	0.09	0.12	2.21	0.48	772	572	0.0089	0.0082	0.0026	0.0001	0.0025	0.0057	0.0005	0.0002	0.0001	0.0063	0.0290
337	2025	ALT1	WB	NT	Ramp	0.05	0.06	0.80	0.39	432	352	0.0085	0.0079	0.0014	0.0000	0.0027	0.0057	0.0002	0.0001	0.0000	0.0077	0.0355
338	2025	ALT1	WB	NT	Ramp	0.04	0.05	0.54	0.28	302	246	0.0058	0.0053	0.0010	0.0000	0.0020	0.0042	0.0002	0.0001	0.0000	0.0052	0.0265
339	2025	ALT1	WB	NT	Ramp	0.14	0.18	3.72	0.78	1264	927	0.0161	0.0148	0.0042	0.0002	0.0030	0.0073	0.0009	0.0003	0.0001	0.0123	0.0322
340	2025	ALT1	WB	NT	Ramp	0.77	0.95	13.65	5.37	6421	5105	0.1125	0.1036	0.0207	0.0006	0.0352	0.0748	0.0035	0.0014	0.0006	0.0981	0.4533
341	2025	ALT1	WB	NT	Ramp	0.86	1.11	18.10	4.94	7140	5423	0.0951	0.0877	0.0245	0.0009	0.0298	0.0662	0.0046	0.0021	0.0006	0.0724	0.3684
342	2025	ALT1	WB	NT	Ramp	0.04	0.05	0.93	0.22	343	256	0.0041	0.0038	0.0012	0.0000	0.0012	0.0028	0.0002	0.0001	0.0000	0.0029	0.0149
343	2025	ALT1	WB	NT	Ramp	0.14	0.18	1.97	0.56	895	674	0.0114	0.0105	0.0039	0.0001	0.0054	0.0117	0.0007	0.0004	0.0001	0.0074	0.0677
344	2025	ALT1	WB	NT	Ramp	0.04	0.06	1.03	0.23	370	273	0.0042	0.0039	0.0013	0.0001	0.0012	0.0028	0.0003	0.0001	0.0000	0.0028	0.0145
345	2025	ALT1	WB	NT	Ramp	0.04	0.05	0.45	0.18	234	184	0.0037	0.0034	0.0010	0.0000	0.0017	0.0036	0.0002	0.0001	0.0000	0.0029	0.0217
346	2025	ALT1	WB	NT	Ramp	0.07	0.09	1.19	0.28	496	365	0.0056	0.0052	0.0020	0.0001	0.0021	0.0047	0.0004	0.0002	0.0000	0.0033	0.0250
347	2025	ALT1	WB	NT	Ramp	0.07	0.10	1.85	0.26	611	428	0.0047	0.0044	0.0023	0.0001	0.0010	0.0028	0.0005	0.0003	0.0000	0.0017	0.0091
348	2025	ALT1	WB	NT	Ramp	0.25	0.33	5.97	1.46	2187	1643	0.0279	0.0257	0.0073	0.0003	0.0078	0.0178	0.0014	0.0006	0.0002	0.0211	0.0950
349	2025	ALT1	WB	NT	Ramp	0.07	0.09	1.70	0.30	566	408	0.0053	0.0049	0.0020	0.0001	0.0014	0.0034	0.0004	0.0002	0.0000	0.0030	0.0153

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlel+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
350	2025	ALT1	WB	NT	Ramp	0.06	0.08	1.90	0.28	566	401	0.0044	0.0041	0.0020	0.0001	0.0010	0.0026	0.0004	0.0002	0.0000	0.0022	0.0095
351	2025	ALT1	WB	NT	Ramp	0.06	0.08	0.86	0.30	418	324	0.0061	0.0057	0.0017	0.0001	0.0026	0.0056	0.0003	0.0001	0.0000	0.0046	0.0335
352	2025	ALT1	WB	NT	Ramp	0.06	0.08	1.26	0.21	463	329	0.0041	0.0038	0.0018	0.0001	0.0010	0.0027	0.0004	0.0002	0.0000	0.0017	0.0105
353	2025	ALT1	WB	NT	Ramp	0.08	0.11	2.41	0.33	733	512	0.0053	0.0049	0.0026	0.0001	0.0011	0.0031	0.0006	0.0003	0.0000	0.0020	0.0097
354	2025	ALT1	WB	NT	Ramp	0.23	0.30	4.16	0.89	1673	1221	0.0181	0.0167	0.0067	0.0003	0.0060	0.0141	0.0013	0.0007	0.0001	0.0101	0.0712
355	2025	ALT1	WB	NT	Ramp	0.05	0.06	1.19	0.19	386	274	0.0032	0.0030	0.0014	0.0001	0.0008	0.0020	0.0003	0.0002	0.0000	0.0015	0.0078
356	2025	ALT1	WB	NT	Ramp	0.07	0.10	1.45	0.26	555	397	0.0053	0.0049	0.0022	0.0001	0.0015	0.0038	0.0005	0.0003	0.0000	0.0024	0.0172
357	2025	ALT1	WB	NT	Ramp	0.17	0.24	3.62	0.53	1332	933	0.0111	0.0103	0.0054	0.0003	0.0027	0.0073	0.0012	0.0007	0.0001	0.0036	0.0264
358	2025	ALT1	WB	NT	Ramp	0.05	0.07	1.36	0.22	456	324	0.0040	0.0037	0.0017	0.0001	0.0010	0.0025	0.0004	0.0002	0.0000	0.0019	0.0103
359	2025	ALT1	WB	NT	Ramp	0.12	0.16	2.32	0.37	882	624	0.0079	0.0073	0.0037	0.0002	0.0022	0.0057	0.0008	0.0004	0.0001	0.0029	0.0236
360	2025	ALT1	WB	NT	Ramp	0.04	0.05	1.00	0.17	333	237	0.0029	0.0027	0.0012	0.0001	0.0007	0.0019	0.0003	0.0001	0.0000	0.0015	0.0077
361	2025	ALT1	WB	NT	Ramp	0.07	0.10	1.39	0.23	535	381	0.0050	0.0046	0.0022	0.0001	0.0015	0.0037	0.0005	0.0003	0.0000	0.0020	0.0163
362	2025	ALT1	WB	NT	Ramp	0.03	0.04	0.83	0.16	284	207	0.0029	0.0027	0.0010	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0018	0.0090
363	2025	ALT1	WB	NT	Ramp	0.13	0.18	2.75	0.42	1018	717	0.0088	0.0081	0.0041	0.0002	0.0022	0.0059	0.0009	0.0005	0.0001	0.0031	0.0228
364	2025	ALT1	WB	NT	HOV																	
365	2025	ALT1	WB	NT	HOV																	
366	2025	ALT1	WB	NT	HOV																	
367	2025	ALT1	WB	NT	HOV																	
368	2025	ALT1	WB	NT	HOV																	
369	2025	ALT1	WB	NT	HOV																	
370	2025	ALT1	WB	NT	HOV																	
371	2025	ALT1	WB	NT	HOV																	
372	2025	ALT1	WB	NT	HOV																	
373	2025	ALT1	WB	NT	HOV																	
374	2025	ALT1	WB	NT	HOV																	
375	2025	ALT1	WB	NT	HOV																	
376	2025	ALT1	WB	NT	HOV																	
377	2025	ALT1	WB	NT	HOV																	
378	2025	ALT1	WB	NT	HOV																	
379	2025	ALT1	WB	NT	HOV																	
380	2025	ALT1	WB	NT	HOV																	
381	2025	ALT1	WB	NT	HOV																	
382	2025	ALT1	WB	NT	HOV																	
383	2025	ALT1	WB	NT	HOV																	
384	2025	ALT1	WB	NT	HOV																	
385	2025	ALT1	WB	NT	HOV																	
386	2025	ALT1	WB	NT	HOV																	
387	2025	ALT1	WB	NT	HOV																	
388	2025	ALT1	WB	NT	HOV																	
389	2025	ALT1	WB	NT	HOV																	
390	2025	ALT1	WB	NT	HOV																	
391	2025	ALT1	WB	NT	HOV																	
392	2025	ALT1	WB	NT	HOV																	
393	2025	ALT1	WB	NT	HOV																	
394	2025	ALT1	WB	NT	HOV																	
395	2025	ALT1	WB	NT	HOV																	
396	2025	ALT1	WB	NT	HOV																	
397	2025	ALT1	WB	NT	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
398	2025	ALT1	WB	NT	HOV																	
399	2025	ALT1	WB	NT	HOV																	
400	2025	ALT1	WB	NT	HOV																	
401	2025	ALT1	WB	NT	HOV																	
402	2025	ALT1	WB	NT	HOV																	
403	2025	ALT1	WB	NT	HOV																	
404	2025	ALT1	WB	NT	HOV																	
405	2025	ALT1	WB	NT	HOV																	
406	2025	ALT1	WB	NT	HOV																	
407	2025	ALT1	WB	NT	HOV																	
408	2025	ALT1	WB	NT	HOV																	
409	2025	ALT1	WB	NT	HOV																	
410	2025	ALT1	WB	NT	HOV																	
411	2025	ALT1	WB	NT	HOV																	
412	2025	ALT1	WB	NT	HOV																	
413	2025	ALT1	WB	NT	HOV																	
414	2025	ALT1	WB	NT	HOV																	
415	2025	ALT1	WB	NT	HOV																	
416	2025	ALT1	WB	NT	HOV																	
417	2025	ALT1	WB	NT	HOV																	
418	2025	ALT1	WB	NT	HOV																	
419	2025	ALT1	WB	NT	HOV	0.24	0.31	6.34	0.80	1907	1299	0.0081	0.0075	0.0077	0.0004	0.0015	0.0058	0.0018	0.0006	0.0001	0.0010	0.0017
420	2025	ALT1	WB	NT	HOV	0.17	0.22	4.45	0.56	1339	912	0.0057	0.0052	0.0054	0.0003	0.0010	0.0041	0.0012	0.0004	0.0001	0.0007	0.0012
421	2025	ALT1	WB	NT	HOV	0.16	0.21	4.28	0.54	1287	877	0.0054	0.0050	0.0052	0.0003	0.0010	0.0039	0.0012	0.0004	0.0001	0.0006	0.0011
422	2025	ALT1	WB	NT	HOV	0.18	0.22	4.42	0.56	1347	917	0.0057	0.0053	0.0055	0.0003	0.0011	0.0042	0.0013	0.0004	0.0001	0.0007	0.0012
423	2025	ALT1	WB	NT	HOV	0.34	0.43	8.52	1.08	2597	1769	0.0109	0.0101	0.0106	0.0006	0.0020	0.0080	0.0024	0.0008	0.0001	0.0013	0.0022
424	2025	ALT1	WB	NT	HOV	0.08	0.11	2.08	0.26	635	433	0.0027	0.0025	0.0026	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0005
425	2025	ALT1	WB	NT	HOV	0.20	0.25	4.93	0.62	1501	1022	0.0063	0.0059	0.0061	0.0003	0.0012	0.0046	0.0014	0.0005	0.0001	0.0008	0.0013
426	2025	ALT1	WB	NT	HOV	0.10	0.12	2.36	0.30	732	499	0.0031	0.0029	0.0030	0.0002	0.0006	0.0023	0.0007	0.0002	0.0000	0.0004	0.0006
427	2025	ALT1	WB	NT	HOV	0.19	0.24	4.51	0.57	1400	954	0.0059	0.0055	0.0058	0.0003	0.0011	0.0044	0.0013	0.0005	0.0001	0.0007	0.0012
428	2025	ALT1	WB	NT	HOV	0.20	0.25	4.82	0.61	1495	1018	0.0063	0.0058	0.0062	0.0003	0.0012	0.0047	0.0014	0.0005	0.0001	0.0008	0.0013
429	2025	ALT1	WB	NT	HOV	0.13	0.17	3.21	0.41	997	679	0.0042	0.0039	0.0041	0.0002	0.0008	0.0031	0.0010	0.0003	0.0000	0.0005	0.0008
430	2025	ALT1	WB	NT	HOV	0.23	0.30	5.80	0.73	1778	1211	0.0075	0.0069	0.0073	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0015
431	2025	ALT1	WB	NT	HOV	0.21	0.27	5.22	0.66	1602	1091	0.0068	0.0063	0.0066	0.0004	0.0013	0.0050	0.0015	0.0005	0.0001	0.0008	0.0014
432	2025	ALT1	WB	NT	HOV	0.25	0.32	6.15	0.78	1887	1285	0.0080	0.0074	0.0077	0.0004	0.0015	0.0059	0.0018	0.0006	0.0001	0.0010	0.0016
433	2025	ALT1	WB	NT	HOV	0.19	0.24	4.75	0.60	1457	992	0.0061	0.0057	0.0060	0.0003	0.0012	0.0045	0.0014	0.0005	0.0001	0.0007	0.0012
434	2025	ALT1	WB	NT	HOV	0.16	0.21	3.99	0.50	1224	834	0.0052	0.0048	0.0050	0.0003	0.0010	0.0038	0.0012	0.0004	0.0001	0.0006	0.0010
435	2025	ALT1	WB	NT	HOV	0.34	0.43	8.54	1.08	2595	1768	0.0109	0.0101	0.0105	0.0006	0.0020	0.0080	0.0024	0.0008	0.0001	0.0013	0.0022
436	2025	ALT1	WB	NT	HOV	0.03	0.04	0.82	0.10	249	169	0.0010	0.0010	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0002
437	2025	ALT1	WB	NT	HOV	0.36	0.46	9.09	1.15	2760	1880	0.0116	0.0108	0.0112	0.0006	0.0022	0.0085	0.0026	0.0009	0.0001	0.0014	0.0024
1	2025	ALT2	EB	AM	Mainline	0.60	0.76	14.61	3.10	5137	3739	0.0685	0.0631	0.0180	0.0009	0.0106	0.0271	0.0039	0.0014	0.0004	0.0533	0.1057
2	2025	ALT2	EB	AM	Mainline	1.53	1.93	35.73	7.83	12904	9415	0.1830	0.1687	0.0458	0.0022	0.0269	0.0690	0.0098	0.0035	0.0011	0.1455	0.2682
3	2025	ALT2	EB	AM	Mainline	0.08	0.10	1.76	0.37	631	458	0.0086	0.0079	0.0023	0.0001	0.0012	0.0032	0.0005	0.0002	0.0001	0.0067	0.0117
4	2025	ALT2	EB	AM	Mainline	1.30	1.64	30.57	6.69	11014	8036	0.1556	0.1434	0.0390	0.0018	0.0230	0.0590	0.0084	0.0030	0.0009	0.1235	0.2299
5	2025	ALT2	EB	AM	Mainline	0.54	0.68	12.20	2.62	4426	3215	0.0618	0.0569	0.0161	0.0008	0.0088	0.0229	0.0035	0.0012	0.0004	0.0487	0.0839
6	2025	ALT2	EB	AM	Mainline	0.78	0.99	18.02	3.98	6562	4790	0.0948	0.0874	0.0234	0.0011	0.0137	0.0352	0.0050	0.0018	0.0006	0.0758	0.1361
7	2025	ALT2	EB	AM	Mainline	1.13	1.43	27.79	5.88	9733	7087	0.1292	0.1191	0.0339	0.0016	0.0202	0.0516	0.0073	0.0027	0.0008	0.1005	0.2029
8	2025	ALT2	EB	AM	Mainline	1.45	1.83	33.77	7.46	12253	8948	0.1761	0.1622	0.0435	0.0021	0.0258	0.0659	0.0093	0.0033	0.0010	0.1406	0.2574

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
9	2025	ALT2	EB	AM	Mainline	1.20	1.53	29.48	6.23	10340	7526	0.1374	0.1266	0.0361	0.0017	0.0213	0.0546	0.0077	0.0028	0.0008	0.1068	0.2136
10	2025	ALT2	EB	AM	Mainline	0.37	0.46	8.25	1.89	3066	2247	0.0468	0.0431	0.0110	0.0005	0.0066	0.0168	0.0023	0.0008	0.0003	0.0381	0.0661
11	2025	ALT2	EB	AM	Mainline	0.76	0.97	18.34	3.92	6497	4730	0.0880	0.0811	0.0229	0.0011	0.0134	0.0343	0.0049	0.0018	0.0005	0.0689	0.1330
12	2025	ALT2	EB	AM	Mainline	0.54	0.69	12.65	2.73	4554	3315	0.0634	0.0584	0.0163	0.0008	0.0092	0.0239	0.0035	0.0012	0.0004	0.0500	0.0906
13	2025	ALT2	EB	AM	Mainline	0.54	0.69	12.05	2.46	4352	3136	0.0571	0.0526	0.0165	0.0008	0.0079	0.0215	0.0036	0.0012	0.0003	0.0438	0.0707
14	2025	ALT2	EB	AM	Mainline	0.83	1.04	18.64	3.90	6742	4878	0.0913	0.0841	0.0250	0.0012	0.0128	0.0340	0.0054	0.0019	0.0005	0.0711	0.1188
15	2025	ALT2	EB	AM	Mainline	1.02	1.29	24.51	5.00	8561	6193	0.1090	0.1005	0.0307	0.0015	0.0165	0.0433	0.0066	0.0024	0.0007	0.0832	0.1579
16	2025	ALT2	EB	AM	Mainline	0.59	0.74	14.33	2.91	4972	3597	0.0626	0.0577	0.0177	0.0009	0.0096	0.0251	0.0038	0.0014	0.0004	0.0476	0.0923
17	2025	ALT2	EB	AM	Mainline	0.92	1.17	22.48	4.77	7898	5750	0.1054	0.0972	0.0276	0.0013	0.0163	0.0418	0.0059	0.0022	0.0006	0.0821	0.1636
18	2025	ALT2	EB	AM	Mainline	0.78	0.99	18.14	3.81	6483	4700	0.0872	0.0803	0.0235	0.0011	0.0127	0.0332	0.0051	0.0018	0.0005	0.0678	0.1211
19	2025	ALT2	EB	AM	Mainline	0.60	0.75	13.35	2.84	4874	3533	0.0680	0.0627	0.0180	0.0009	0.0094	0.0249	0.0039	0.0013	0.0004	0.0536	0.0883
20	2025	ALT2	EB	AM	Mainline	1.20	1.51	26.77	5.90	9877	7194	0.1444	0.1331	0.0361	0.0017	0.0199	0.0520	0.0078	0.0027	0.0008	0.1157	0.1926
21	2025	ALT2	EB	AM	Mainline	0.13	0.17	2.94	0.64	1089	792	0.0159	0.0146	0.0041	0.0002	0.0022	0.0057	0.0009	0.0003	0.0001	0.0127	0.0204
22	2025	ALT2	EB	AM	Mainline	0.52	0.65	11.55	2.29	4129	2965	0.0517	0.0477	0.0158	0.0008	0.0072	0.0199	0.0035	0.0012	0.0003	0.0390	0.0629
23	2025	ALT2	EB	AM	Mainline	0.51	0.65	11.41	2.30	4098	2949	0.0526	0.0485	0.0155	0.0008	0.0073	0.0200	0.0034	0.0012	0.0003	0.0401	0.0650
24	2025	ALT2	EB	AM	Mainline	0.48	0.60	10.48	2.03	3735	2673	0.0452	0.0417	0.0145	0.0007	0.0063	0.0177	0.0032	0.0011	0.0003	0.0335	0.0532
25	2025	ALT2	EB	AM	Mainline	0.31	0.39	6.95	1.34	2450	1753	0.0291	0.0269	0.0093	0.0005	0.0041	0.0115	0.0021	0.0007	0.0002	0.0215	0.0353
26	2025	ALT2	EB	AM	Mainline	2.69	3.39	58.59	11.15	20859	14892	0.2465	0.2273	0.0819	0.0041	0.0345	0.0975	0.0181	0.0060	0.0016	0.1805	0.2814
27	2025	ALT2	EB	AM	Mainline	2.11	2.66	44.98	8.56	16140	11515	0.1919	0.1769	0.0644	0.0032	0.0266	0.0756	0.0143	0.0047	0.0012	0.1406	0.2127
28	2025	ALT2	EB	AM	Mainline	1.17	1.48	25.22	4.74	8986	6402	0.1042	0.0961	0.0358	0.0018	0.0146	0.0416	0.0079	0.0026	0.0007	0.0755	0.1155
29	2025	ALT2	EB	AM	Mainline	0.81	1.02	17.26	3.18	6136	4361	0.0691	0.0637	0.0247	0.0012	0.0097	0.0281	0.0055	0.0018	0.0005	0.0493	0.0745
30	2025	ALT2	EB	AM	Mainline	1.38	1.74	29.31	5.39	10430	7411	0.1172	0.1081	0.0421	0.0021	0.0164	0.0476	0.0094	0.0031	0.0008	0.0835	0.1254
31	2025	ALT2	EB	AM	Mainline	1.03	1.30	22.09	4.03	7821	5552	0.0863	0.0796	0.0315	0.0016	0.0122	0.0354	0.0070	0.0023	0.0006	0.0610	0.0924
32	2025	ALT2	EB	AM	Mainline	1.12	1.42	24.59	4.52	8658	6156	0.0964	0.0889	0.0343	0.0017	0.0137	0.0394	0.0076	0.0025	0.0006	0.0686	0.1069
33	2025	ALT2	EB	AM	Mainline	1.04	1.31	23.31	4.21	8105	5753	0.0869	0.0802	0.0318	0.0016	0.0125	0.0362	0.0071	0.0024	0.0006	0.0608	0.0971
34	2025	ALT2	EB	AM	Mainline	1.17	1.49	26.62	4.87	9256	6583	0.1014	0.0935	0.0359	0.0018	0.0146	0.0418	0.0079	0.0027	0.0007	0.0718	0.1166
35	2025	ALT2	EB	AM	Mainline	0.67	0.85	15.10	2.67	5222	3696	0.0538	0.0497	0.0207	0.0010	0.0078	0.0229	0.0046	0.0015	0.0004	0.0368	0.0585
36	2025	ALT2	EB	AM	Mainline	0.81	1.02	18.05	3.19	6244	4420	0.0645	0.0595	0.0247	0.0013	0.0094	0.0274	0.0055	0.0018	0.0004	0.0441	0.0701
37	2025	ALT2	EB	AM	Mainline	1.09	1.37	24.31	4.30	8409	5953	0.0868	0.0801	0.0333	0.0017	0.0126	0.0369	0.0074	0.0025	0.0006	0.0594	0.0944
38	2025	ALT2	EB	AM	Mainline	1.59	2.02	36.62	6.45	12541	8879	0.1278	0.1179	0.0488	0.0025	0.0188	0.0547	0.0108	0.0037	0.0009	0.0871	0.1427
39	2025	ALT2	EB	AM	Mainline	1.74	2.21	39.23	6.76	13457	9497	0.1323	0.1220	0.0535	0.0027	0.0195	0.0578	0.0119	0.0040	0.0009	0.0879	0.1400
40	2025	ALT2	EB	AM	Mainline	1.17	1.47	25.54	4.45	8866	6262	0.0895	0.0825	0.0357	0.0018	0.0130	0.0386	0.0080	0.0026	0.0006	0.0603	0.0932
41	2025	ALT2	EB	AM	Mainline	0.44	0.55	9.84	1.69	3372	2378	0.0329	0.0303	0.0134	0.0007	0.0048	0.0144	0.0030	0.0010	0.0002	0.0217	0.0346
42	2025	ALT2	EB	AM	Mainline	1.31	1.66	30.61	5.26	10333	7296	0.1000	0.0923	0.0400	0.0020	0.0150	0.0441	0.0089	0.0031	0.0007	0.0661	0.1111
43	2025	ALT2	EB	AM	Mainline	0.57	0.73	12.98	2.21	4431	3123	0.0425	0.0392	0.0176	0.0009	0.0063	0.0188	0.0039	0.0013	0.0003	0.0278	0.0444
44	2025	ALT2	EB	AM	Mainline	0.81	1.03	18.93	3.25	6392	4512	0.0616	0.0568	0.0248	0.0013	0.0092	0.0272	0.0055	0.0019	0.0004	0.0406	0.0680
45	2025	ALT2	EB	AM	Mainline	0.39	0.49	8.66	1.48	2964	2089	0.0285	0.0263	0.0119	0.0006	0.0042	0.0126	0.0027	0.0009	0.0002	0.0187	0.0296
46	2025	ALT2	EB	AM	Mainline	1.02	1.29	23.66	4.03	7997	5640	0.0763	0.0704	0.0312	0.0016	0.0114	0.0338	0.0070	0.0024	0.0005	0.0500	0.0828
47	2025	ALT2	EB	AM	Mainline	0.06	0.07	1.32	0.22	452	319	0.0043	0.0040	0.0018	0.0001	0.0006	0.0019	0.0004	0.0001	0.0000	0.0028	0.0044
48	2025	ALT2	EB	AM	Mainline	1.22	1.54	27.01	4.60	9292	6546	0.0896	0.0826	0.0375	0.0019	0.0132	0.0397	0.0084	0.0028	0.0006	0.0587	0.0914
49	2025	ALT2	EB	AM	Mainline	0.10	0.12	2.22	0.38	757	533	0.0072	0.0066	0.0030	0.0002	0.0011	0.0032	0.0007	0.0002	0.0001	0.0047	0.0075
50	2025	ALT2	EB	AM	Mainline	1.53	1.93	34.76	5.93	11841	8347	0.1136	0.1048	0.0469	0.0024	0.0168	0.0503	0.0105	0.0035	0.0008	0.0745	0.1200
51	2025	ALT2	EB	AM	Mainline	0.25	0.32	5.99	1.02	2010	1418	0.0191	0.0177	0.0078	0.0004	0.0029	0.0085	0.0017	0.0006	0.0001	0.0125	0.0213
52	2025	ALT2	EB	AM	Mainline	0.37	0.47	8.94	1.51	2972	2096	0.0278	0.0257	0.0114	0.0006	0.0042	0.0125	0.0025	0.0009	0.0002	0.0180	0.0316
53	2025	ALT2	EB	AM	Mainline	0.27	0.35	6.67	1.16	2213	1566	0.0216	0.0199	0.0083	0.0004	0.0033	0.0096	0.0018	0.0007	0.0001	0.0143	0.0261
54	2025	ALT2	EB	AM	Mainline	1.36	1.74	34.91	6.09	11383	8077	0.1111	0.1025	0.0416	0.0021	0.0176	0.0498	0.0092	0.0034	0.0008	0.0740	0.1468
55	2025	ALT2	EB	AM	Mainline	0.68	0.86	16.09	2.83	5430	3848	0.0549	0.0506	0.0207	0.0010	0.0082	0.0237	0.0046	0.0016	0.0004	0.0372	0.0647
56	2025	ALT2	EB	AM	Mainline	0.83	1.06	20.22	3.63	6791	4829	0.0707	0.0652	0.0253	0.0013	0.0108	0.0304	0.0056	0.0020	0.0005	0.0489	0.0894

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
57	2025	ALT2	EB	AM	Mainline	0.51	0.64	10.98	1.98	3861	2737	0.0415	0.0383	0.0155	0.0008	0.0059	0.0173	0.0035	0.0011	0.0003	0.0290	0.0444
58	2025	ALT2	EB	AM	Mainline	1.64	2.07	35.93	6.61	12660	9000	0.1410	0.1300	0.0502	0.0025	0.0200	0.0576	0.0112	0.0037	0.0009	0.1003	0.1560
59	2025	ALT2	EB	AM	Mainline	0.42	0.53	8.95	1.63	3170	2250	0.0350	0.0323	0.0128	0.0006	0.0049	0.0144	0.0028	0.0009	0.0002	0.0247	0.0374
60	2025	ALT2	EB	AM	Mainline	1.64	2.07	35.45	6.63	12605	8977	0.1449	0.1336	0.0502	0.0025	0.0203	0.0582	0.0111	0.0037	0.0009	0.1046	0.1604
61	2025	ALT2	EB	AM	Mainline	0.36	0.46	7.66	1.43	2741	1950	0.0315	0.0291	0.0111	0.0006	0.0044	0.0127	0.0025	0.0008	0.0002	0.0227	0.0339
62	2025	ALT2	EB	AM	Mainline	0.71	0.89	14.69	2.83	5328	3805	0.0650	0.0600	0.0215	0.0011	0.0089	0.0252	0.0048	0.0016	0.0004	0.0481	0.0709
63	2025	ALT2	EB	AM	Mainline	0.27	0.34	5.66	1.11	2059	1473	0.0258	0.0238	0.0082	0.0004	0.0035	0.0099	0.0018	0.0006	0.0002	0.0194	0.0287
64	2025	ALT2	EB	AM	Mainline	0.78	0.98	16.37	3.37	6038	4348	0.0816	0.0752	0.0237	0.0012	0.0109	0.0300	0.0052	0.0017	0.0005	0.0631	0.0946
65	2025	ALT2	EB	AM	Mainline	0.25	0.31	5.26	1.07	1931	1389	0.0258	0.0237	0.0076	0.0004	0.0035	0.0095	0.0017	0.0005	0.0002	0.0198	0.0298
66	2025	ALT2	EB	AM	Mainline	0.09	0.12	1.95	0.43	737	536	0.0111	0.0102	0.0028	0.0001	0.0015	0.0039	0.0006	0.0002	0.0001	0.0089	0.0136
67	2025	ALT2	EB	AM	Mainline	0.60	0.76	12.40	3.14	4905	3626	0.0878	0.0808	0.0180	0.0008	0.0112	0.0283	0.0039	0.0013	0.0005	0.0743	0.1131
68	2025	ALT2	EB	AM	Mainline	0.45	0.56	9.16	2.26	3605	2655	0.0628	0.0578	0.0135	0.0006	0.0079	0.0203	0.0029	0.0010	0.0004	0.0527	0.0786
69	2025	ALT2	EB	AM	Mainline	0.99	1.23	19.89	5.40	8107	6044	0.1583	0.1458	0.0294	0.0014	0.0197	0.0488	0.0062	0.0021	0.0008	0.1368	0.2054
70	2025	ALT2	EB	AM	Mainline	0.61	0.76	11.96	3.20	4878	3625	0.0945	0.0871	0.0181	0.0008	0.0115	0.0289	0.0039	0.0013	0.0005	0.0814	0.1177
71	2025	ALT2	EB	AM	Mainline	0.77	0.96	15.04	4.27	6269	4696	0.1299	0.1196	0.0228	0.0010	0.0157	0.0387	0.0048	0.0016	0.0007	0.1136	0.1655
72	2025	ALT2	EB	AM	Mainline	0.76	0.95	14.93	4.04	6122	4557	0.1207	0.1111	0.0227	0.0011	0.0146	0.0366	0.0048	0.0016	0.0006	0.1043	0.1500
73	2025	ALT2	EB	AM	Ramp	0.07	0.10	1.45	0.18	533	368	0.0041	0.0038	0.0022	0.0001	0.0008	0.0024	0.0005	0.0003	0.0000	0.0009	0.0068
74	2025	ALT2	EB	AM	Ramp	0.05	0.07	0.92	0.13	365	255	0.0031	0.0029	0.0016	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0008	0.0088
75	2025	ALT2	EB	AM	Ramp	0.09	0.13	1.42	0.19	613	422	0.0053	0.0049	0.0029	0.0001	0.0011	0.0033	0.0006	0.0004	0.0001	0.0008	0.0099
76	2025	ALT2	EB	AM	Ramp	0.09	0.13	1.58	0.22	649	451	0.0056	0.0052	0.0030	0.0001	0.0015	0.0040	0.0006	0.0004	0.0001	0.0012	0.0147
77	2025	ALT2	EB	AM	Ramp	0.08	0.11	1.45	0.20	567	394	0.0047	0.0043	0.0025	0.0001	0.0012	0.0032	0.0005	0.0003	0.0000	0.0011	0.0112
78	2025	ALT2	EB	AM	Ramp	0.10	0.14	1.36	0.20	630	437	0.0059	0.0054	0.0031	0.0001	0.0017	0.0045	0.0007	0.0004	0.0001	0.0010	0.0174
79	2025	ALT2	EB	AM	Ramp	0.12	0.17	1.70	0.25	768	533	0.0071	0.0065	0.0038	0.0002	0.0020	0.0054	0.0008	0.0005	0.0001	0.0013	0.0208
80	2025	ALT2	EB	AM	Ramp	0.19	0.27	3.18	0.43	1320	912	0.0112	0.0104	0.0061	0.0003	0.0026	0.0073	0.0013	0.0008	0.0001	0.0019	0.0238
81	2025	ALT2	EB	AM	Ramp	0.14	0.20	3.71	0.48	1203	836	0.0087	0.0081	0.0045	0.0002	0.0016	0.0049	0.0010	0.0006	0.0001	0.0025	0.0133
82	2025	ALT2	EB	AM	Ramp	0.17	0.24	3.34	0.40	1254	862	0.0096	0.0089	0.0053	0.0003	0.0017	0.0054	0.0012	0.0007	0.0001	0.0015	0.0127
83	2025	ALT2	EB	AM	Ramp	0.02	0.03	0.60	0.11	202	145	0.0019	0.0017	0.0007	0.0000	0.0005	0.0012	0.0002	0.0001	0.0000	0.0010	0.0053
84	2025	ALT2	EB	AM	Ramp	0.04	0.06	1.29	0.16	387	267	0.0025	0.0023	0.0014	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0006	0.0028
85	2025	ALT2	EB	AM	Ramp	0.09	0.12	2.50	0.35	750	526	0.0055	0.0051	0.0026	0.0001	0.0012	0.0033	0.0006	0.0003	0.0001	0.0023	0.0107
86	2025	ALT2	EB	AM	Ramp	0.10	0.14	2.35	0.40	826	590	0.0075	0.0070	0.0031	0.0001	0.0019	0.0049	0.0006	0.0003	0.0001	0.0036	0.0203
87	2025	ALT2	EB	AM	Ramp	0.03	0.04	0.57	0.09	213	150	0.0019	0.0017	0.0009	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0007	0.0050
88	2025	ALT2	EB	AM	Ramp	0.11	0.15	2.25	0.30	822	571	0.0065	0.0060	0.0034	0.0002	0.0014	0.0040	0.0007	0.0004	0.0001	0.0017	0.0127
89	2025	ALT2	EB	AM	Ramp	0.02	0.03	0.47	0.07	179	125	0.0015	0.0014	0.0008	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0004	0.0039
90	2025	ALT2	EB	AM	Ramp	0.02	0.03	0.32	0.13	166	130	0.0026	0.0024	0.0007	0.0000	0.0011	0.0024	0.0001	0.0001	0.0000	0.0020	0.0146
91	2025	ALT2	EB	AM	Ramp	0.10	0.14	2.33	0.35	825	580	0.0069	0.0064	0.0032	0.0002	0.0015	0.0041	0.0007	0.0004	0.0001	0.0025	0.0144
92	2025	ALT2	EB	AM	Ramp	0.06	0.07	0.87	0.19	369	270	0.0040	0.0037	0.0016	0.0001	0.0018	0.0040	0.0003	0.0002	0.0000	0.0022	0.0215
93	2025	ALT2	EB	AM	Ramp	0.56	0.71	11.30	3.56	4724	3657	0.0712	0.0656	0.0157	0.0005	0.0220	0.0480	0.0028	0.0012	0.0004	0.0583	0.2777
94	2025	ALT2	EB	AM	Ramp	0.34	0.46	7.59	1.22	2700	1915	0.0238	0.0220	0.0103	0.0005	0.0056	0.0149	0.0022	0.0012	0.0002	0.0102	0.0579
95	2025	ALT2	EB	AM	Ramp	0.09	0.13	1.86	0.27	693	486	0.0058	0.0054	0.0029	0.0001	0.0014	0.0039	0.0006	0.0004	0.0001	0.0018	0.0145
96	2025	ALT2	EB	AM	Ramp	0.07	0.10	2.23	0.31	646	452	0.0045	0.0042	0.0022	0.0001	0.0009	0.0027	0.0005	0.0002	0.0000	0.0019	0.0080
97	2025	ALT2	EB	AM	Ramp	0.05	0.06	1.14	0.21	396	287	0.0039	0.0036	0.0014	0.0001	0.0011	0.0026	0.0003	0.0001	0.0000	0.0022	0.0119
98	2025	ALT2	EB	AM	Ramp	0.03	0.03	0.63	0.13	220	162	0.0024	0.0022	0.0008	0.0000	0.0007	0.0016	0.0002	0.0001	0.0000	0.0015	0.0078
99	2025	ALT2	EB	AM	Ramp	0.07	0.09	1.71	0.31	562	406	0.0054	0.0050	0.0020	0.0001	0.0014	0.0034	0.0004	0.0002	0.0000	0.0032	0.0155
100	2025	ALT2	EB	AM	Ramp	0.09	0.13	2.63	0.37	816	573	0.0062	0.0057	0.0029	0.0001	0.0013	0.0037	0.0006	0.0003	0.0001	0.0025	0.0122
101	2025	ALT2	EB	AM	Ramp	0.03	0.04	0.87	0.15	273	196	0.0025	0.0023	0.0009	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0014	0.0063
102	2025	ALT2	EB	AM	Ramp	0.04	0.06	1.18	0.16	356	249	0.0026	0.0024	0.0013	0.0001	0.0005	0.0015	0.0003	0.0001	0.0000	0.0009	0.0046
103	2025	ALT2	EB	AM	Ramp	0.01	0.02	0.45	0.06	131	92	0.0009	0.0009	0.0005	0.0000	0.0002	0.0005	0.0001	0.0000	0.0000	0.0004	0.0017
104	2025	ALT2	EB	AM	Ramp	0.09	0.12	1.93	0.24	684	472	0.0051	0.0047	0.0028	0.0001	0.0009	0.0028	0.0006	0.0004	0.0001	0.0010	0.0067

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
105	2025	ALT2	EB	AM	Ramp	0.05	0.07	1.22	0.18	399	280	0.0031	0.0029	0.0015	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0012	0.0064
106	2025	ALT2	EB	AM	Ramp	0.03	0.04	0.37	0.05	178	122	0.0016	0.0015	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0002	0.0026
107	2025	ALT2	EB	AM	Ramp																	
108	2025	ALT2	EB	AM	Ramp																	
109	2025	ALT2	EB	AM	Ramp	0.05	0.06	1.19	0.19	389	276	0.0033	0.0030	0.0014	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0016	0.0081
110	2025	ALT2	EB	AM	Ramp	0.16	0.22	3.46	0.43	1236	853	0.0093	0.0086	0.0051	0.0003	0.0017	0.0052	0.0011	0.0007	0.0001	0.0018	0.0129
111	2025	ALT2	EB	AM	Ramp	0.03	0.04	0.82	0.11	243	170	0.0017	0.0016	0.0009	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0007	0.0031
112	2025	ALT2	EB	AM	Ramp	0.12	0.17	2.62	0.34	947	656	0.0073	0.0068	0.0039	0.0002	0.0015	0.0044	0.0008	0.0005	0.0001	0.0017	0.0125
113	2025	ALT2	EB	AM	Ramp	0.03	0.05	0.90	0.13	289	203	0.0022	0.0021	0.0011	0.0001	0.0005	0.0013	0.0002	0.0001	0.0000	0.0008	0.0044
114	2025	ALT2	EB	AM	Ramp	0.09	0.12	1.81	0.22	661	455	0.0050	0.0046	0.0028	0.0001	0.0008	0.0027	0.0006	0.0004	0.0001	0.0008	0.0062
115	2025	ALT2	EB	AM	Ramp																	
116	2025	ALT2	EB	AM	Ramp	0.03	0.04	0.66	0.08	228	157	0.0016	0.0015	0.0009	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0003	0.0016
117	2025	ALT2	EB	AM	Ramp	0.04	0.05	0.95	0.14	317	223	0.0025	0.0024	0.0012	0.0001	0.0006	0.0015	0.0003	0.0001	0.0000	0.0010	0.0053
118	2025	ALT2	EB	AM	Ramp	0.03	0.04	0.67	0.08	231	159	0.0017	0.0015	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0003	0.0019
119	2025	ALT2	EB	AM	Ramp	0.06	0.08	1.50	0.20	484	337	0.0036	0.0033	0.0018	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0011	0.0060
120	2025	ALT2	EB	AM	Ramp	0.04	0.06	0.92	0.11	316	217	0.0022	0.0021	0.0013	0.0001	0.0003	0.0012	0.0003	0.0002	0.0000	0.0004	0.0022
121	2025	ALT2	EB	AM	Ramp	0.08	0.11	2.44	0.35	721	508	0.0054	0.0050	0.0025	0.0001	0.0012	0.0032	0.0005	0.0003	0.0000	0.0025	0.0106
122	2025	ALT2	EB	AM	Ramp	0.78	1.06	20.75	3.07	6652	4690	0.0529	0.0489	0.0242	0.0012	0.0119	0.0323	0.0052	0.0027	0.0005	0.0223	0.1155
123	2025	ALT2	EB	AM	Ramp	0.50	0.68	14.06	2.02	4329	3045	0.0330	0.0305	0.0154	0.0008	0.0072	0.0199	0.0033	0.0017	0.0003	0.0139	0.0681
124	2025	ALT2	EB	AM	Ramp																	
125	2025	ALT2	EB	AM	Ramp	0.16	0.23	2.44	0.36	1071	744	0.0097	0.0090	0.0051	0.0002	0.0028	0.0074	0.0011	0.0007	0.0001	0.0020	0.0290
126	2025	ALT2	EB	AM	Ramp	0.02	0.03	0.45	0.06	166	116	0.0013	0.0012	0.0007	0.0000	0.0003	0.0009	0.0001	0.0001	0.0000	0.0004	0.0029
127	2025	ALT2	EB	AM	Ramp	0.27	0.39	3.27	0.46	1656	1142	0.0161	0.0149	0.0085	0.0004	0.0041	0.0112	0.0018	0.0012	0.0002	0.0021	0.0405
128	2025	ALT2	EB	AM	Ramp	0.00	0.01	0.10	0.01	34	24	0.0002	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0003
129	2025	ALT2	EB	AM	Ramp	0.23	0.32	3.53	0.52	1512	1051	0.0135	0.0125	0.0071	0.0003	0.0039	0.0102	0.0015	0.0009	0.0001	0.0029	0.0399
130	2025	ALT2	EB	AM	Ramp	0.03	0.04	0.80	0.11	242	169	0.0017	0.0016	0.0009	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0007	0.0032
131	2025	ALT2	EB	AM	Ramp	0.23	0.33	4.58	0.61	1732	1203	0.0140	0.0130	0.0074	0.0004	0.0032	0.0091	0.0016	0.0009	0.0001	0.0033	0.0298
132	2025	ALT2	EB	AM	Ramp	0.02	0.03	0.56	0.08	170	119	0.0012	0.0011	0.0006	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0005	0.0023
133	2025	ALT2	EB	AM	Ramp	0.20	0.28	4.12	0.54	1512	1048	0.0118	0.0110	0.0063	0.0003	0.0024	0.0072	0.0014	0.0008	0.0001	0.0027	0.0212
134	2025	ALT2	EB	AM	Ramp	0.19	0.26	5.36	0.81	1667	1179	0.0133	0.0123	0.0059	0.0003	0.0030	0.0081	0.0013	0.0006	0.0001	0.0061	0.0299
135	2025	ALT2	EB	AM	Ramp	0.18	0.25	3.46	0.48	1324	923	0.0110	0.0102	0.0057	0.0003	0.0027	0.0075	0.0012	0.0007	0.0001	0.0029	0.0270
136	2025	ALT2	EB	AM	Ramp	0.01	0.01	0.16	0.02	59	42	0.0005	0.0005	0.0002	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0002	0.0010
137	2025	ALT2	EB	AM	Ramp	0.74	0.96	16.19	3.79	6066	4515	0.0715	0.0659	0.0214	0.0009	0.0217	0.0496	0.0042	0.0020	0.0005	0.0493	0.2605
138	2025	ALT2	EB	AM	Ramp	0.11	0.16	1.31	0.18	679	467	0.0066	0.0061	0.0035	0.0002	0.0016	0.0044	0.0007	0.0005	0.0001	0.0008	0.0155
139	2025	ALT2	EB	AM	Ramp	0.04	0.05	0.80	0.10	287	199	0.0022	0.0021	0.0012	0.0001	0.0004	0.0013	0.0003	0.0001	0.0000	0.0005	0.0037
140	2025	ALT2	EB	AM	Ramp	0.14	0.20	2.61	0.35	1033	715	0.0085	0.0079	0.0046	0.0002	0.0019	0.0056	0.0010	0.0006	0.0001	0.0017	0.0181
141	2025	ALT2	EB	AM	Ramp	0.01	0.02	0.34	0.04	99	68	0.0006	0.0006	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0007
142	2025	ALT2	EB	AM	Ramp	0.06	0.09	1.70	0.20	532	366	0.0035	0.0033	0.0020	0.0001	0.0006	0.0019	0.0004	0.0002	0.0000	0.0007	0.0036
143	2025	ALT2	EB	AM	Ramp	0.03	0.04	0.92	0.11	267	184	0.0016	0.0015	0.0010	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0017
144	2025	ALT2	EB	AM	HOV	0.07	0.10	2.18	0.26	614	418	0.0026	0.0024	0.0023	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
145	2025	ALT2	EB	AM	HOV	0.19	0.25	5.75	0.70	1622	1105	0.0069	0.0064	0.0061	0.0003	0.0012	0.0046	0.0014	0.0005	0.0001	0.0008	0.0015
146	2025	ALT2	EB	AM	HOV	0.01	0.01	0.25	0.03	70	48	0.0003	0.0003	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
147	2025	ALT2	EB	AM	HOV	0.16	0.21	4.86	0.59	1371	934	0.0058	0.0054	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0013
148	2025	ALT2	EB	AM	HOV	0.06	0.08	1.77	0.21	499	340	0.0021	0.0020	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
149	2025	ALT2	EB	AM	HOV	0.10	0.13	2.91	0.35	822	560	0.0035	0.0032	0.0031	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0008
150	2025	ALT2	EB	AM	HOV	0.11	0.15	3.12	0.39	913	622	0.0039	0.0036	0.0036	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0005	0.0008
151	2025	ALT2	EB	AM	HOV	0.15	0.20	4.21	0.53	1233	840	0.0052	0.0048	0.0048	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0011
152	2025	ALT2	EB	AM	HOV	0.12	0.16	3.34	0.42	978	666	0.0041	0.0038	0.0038	0.0002	0.0007	0.0029	0.0009	0.0003	0.0000	0.0005	0.0009

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
153	2025	ALT2	EB	AM	HOV	0.05	0.07	1.41	0.18	421	286	0.0018	0.0016	0.0017	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0004
154	2025	ALT2	EB	AM	HOV	0.10	0.13	2.70	0.34	804	548	0.0034	0.0031	0.0032	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0007
155	2025	ALT2	EB	AM	HOV	0.08	0.10	2.00	0.25	598	407	0.0025	0.0023	0.0024	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
156	2025	ALT2	EB	AM	HOV	0.06	0.08	1.58	0.20	470	320	0.0020	0.0018	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
157	2025	ALT2	EB	AM	HOV	0.11	0.14	2.77	0.35	827	564	0.0035	0.0032	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
158	2025	ALT2	EB	AM	HOV	0.12	0.16	3.20	0.40	954	650	0.0040	0.0037	0.0038	0.0002	0.0007	0.0029	0.0009	0.0003	0.0000	0.0005	0.0008
159	2025	ALT2	EB	AM	HOV	0.07	0.09	1.83	0.23	546	372	0.0023	0.0021	0.0022	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
160	2025	ALT2	EB	AM	HOV	0.13	0.17	3.41	0.43	1017	693	0.0043	0.0040	0.0040	0.0002	0.0008	0.0031	0.0009	0.0003	0.0000	0.0005	0.0009
161	2025	ALT2	EB	AM	HOV	0.05	0.07	1.32	0.17	400	272	0.0017	0.0016	0.0016	0.0001	0.0003	0.0012	0.0004	0.0001	0.0000	0.0002	0.0003
162	2025	ALT2	EB	AM	HOV	0.04	0.05	0.94	0.12	287	195	0.0012	0.0011	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
163	2025	ALT2	EB	AM	HOV	0.09	0.11	2.23	0.28	679	462	0.0029	0.0027	0.0028	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0003	0.0006
164	2025	ALT2	EB	AM	HOV	0.01	0.01	0.22	0.03	68	46	0.0003	0.0003	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
165	2025	ALT2	EB	AM	HOV	0.04	0.05	1.05	0.13	318	217	0.0013	0.0012	0.0013	0.0001	0.0002	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
166	2025	ALT2	EB	AM	HOV	0.05	0.07	1.29	0.16	393	267	0.0017	0.0015	0.0016	0.0001	0.0003	0.0012	0.0004	0.0001	0.0000	0.0002	0.0003
167	2025	ALT2	EB	AM	HOV	0.04	0.05	0.91	0.12	277	189	0.0012	0.0011	0.0011	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
168	2025	ALT2	EB	AM	HOV	0.02	0.03	0.59	0.07	180	123	0.0008	0.0007	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
169	2025	ALT2	EB	AM	HOV	0.21	0.27	5.39	0.68	1638	1116	0.0069	0.0064	0.0066	0.0004	0.0013	0.0051	0.0015	0.0005	0.0001	0.0008	0.0014
170	2025	ALT2	EB	AM	HOV	0.15	0.20	3.90	0.49	1183	806	0.0050	0.0046	0.0048	0.0003	0.0009	0.0037	0.0011	0.0004	0.0001	0.0006	0.0010
171	2025	ALT2	EB	AM	HOV	0.05	0.07	1.16	0.15	371	252	0.0016	0.0015	0.0016	0.0001	0.0003	0.0012	0.0004	0.0001	0.0000	0.0002	0.0003
172	2025	ALT2	EB	AM	HOV	0.03	0.04	0.68	0.09	217	148	0.0009	0.0008	0.0009	0.0001	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
173	2025	ALT2	EB	AM	HOV	0.05	0.07	1.21	0.15	385	262	0.0016	0.0015	0.0017	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0003
174	2025	ALT2	EB	AM	HOV	0.04	0.05	0.86	0.11	273	186	0.0012	0.0011	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
175	2025	ALT2	EB	AM	HOV	0.05	0.06	1.02	0.13	326	222	0.0014	0.0013	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
176	2025	ALT2	EB	AM	HOV	0.04	0.05	0.90	0.11	285	194	0.0012	0.0011	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
177	2025	ALT2	EB	AM	HOV	0.05	0.07	1.22	0.15	388	264	0.0016	0.0015	0.0017	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0003
178	2025	ALT2	EB	AM	HOV	0.03	0.03	0.59	0.07	188	128	0.0008	0.0007	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
179	2025	ALT2	EB	AM	HOV	0.03	0.04	1.04	0.12	281	191	0.0012	0.0011	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
180	2025	ALT2	EB	AM	HOV	0.04	0.06	1.40	0.16	378	258	0.0017	0.0015	0.0014	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0004
181	2025	ALT2	EB	AM	HOV	0.07	0.10	2.38	0.28	643	438	0.0028	0.0026	0.0023	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
182	2025	ALT2	EB	AM	HOV	0.07	0.09	2.23	0.26	603	410	0.0026	0.0024	0.0022	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0006
183	2025	ALT2	EB	AM	HOV	0.05	0.07	1.62	0.19	437	298	0.0019	0.0018	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
184	2025	ALT2	EB	AM	HOV	0.02	0.02	0.56	0.07	151	103	0.0007	0.0006	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0002
185	2025	ALT2	EB	AM	HOV	0.06	0.08	1.85	0.22	500	340	0.0022	0.0020	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
186	2025	ALT2	EB	AM	HOV	0.02	0.03	0.73	0.09	197	134	0.0009	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0002
187	2025	ALT2	EB	AM	HOV	0.04	0.05	1.15	0.14	312	213	0.0014	0.0013	0.0011	0.0001	0.0002	0.0008	0.0003	0.0001	0.0000	0.0001	0.0003
188	2025	ALT2	EB	AM	HOV	0.02	0.02	0.50	0.06	136	93	0.0006	0.0006	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
189	2025	ALT2	EB	AM	HOV	0.05	0.06	1.48	0.17	401	273	0.0018	0.0016	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0004
190	2025	ALT2	EB	AM	HOV	0.00	0.00	0.08	0.01	21	14	0.0001	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
191	2025	ALT2	EB	AM	HOV	0.07	0.10	1.79	0.23	557	380	0.0023	0.0022	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
192	2025	ALT2	EB	AM	HOV	0.01	0.01	0.14	0.02	45	30	0.0002	0.0002	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
193	2025	ALT2	EB	AM	HOV	0.12	0.15	2.78	0.35	867	590	0.0036	0.0034	0.0036	0.0002	0.0007	0.0028	0.0008	0.0003	0.0000	0.0004	0.0007
194	2025	ALT2	EB	AM	HOV	0.01	0.02	0.32	0.04	101	69	0.0004	0.0004	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
195	2025	ALT2	EB	AM	HOV	0.02	0.02	0.38	0.05	119	81	0.0005	0.0005	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
196	2025	ALT2	EB	AM	HOV	0.01	0.02	0.32	0.04	100	68	0.0004	0.0004	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
197	2025	ALT2	EB	AM	HOV	0.08	0.10	1.86	0.24	581	396	0.0024	0.0023	0.0024	0.0001	0.0005	0.0018	0.0006	0.0002	0.0000	0.0003	0.0005
198	2025	ALT2	EB	AM	HOV	0.03	0.04	0.83	0.11	260	177	0.0011	0.0010	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0002
199	2025	ALT2	EB	AM	HOV	0.08	0.10	1.97	0.25	590	402	0.0025	0.0023	0.0024	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
200	2025	ALT2	EB	AM	HOV	0.04	0.05	1.02	0.13	304	207	0.0013	0.0012	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0003

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
201	2025	ALT2	EB	AM	HOV	0.15	0.19	3.86	0.49	1155	787	0.0049	0.0045	0.0046	0.0002	0.0009	0.0035	0.0011	0.0004	0.0001	0.0006	0.0010
202	2025	ALT2	EB	AM	HOV	0.03	0.04	0.90	0.11	268	183	0.0011	0.0010	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0002
203	2025	ALT2	EB	AM	HOV	0.16	0.20	4.11	0.52	1229	837	0.0052	0.0048	0.0049	0.0003	0.0009	0.0037	0.0011	0.0004	0.0001	0.0006	0.0011
204	2025	ALT2	EB	AM	HOV	0.03	0.04	0.89	0.11	265	181	0.0011	0.0010	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0002
205	2025	ALT2	EB	AM	HOV	0.07	0.10	1.98	0.25	591	402	0.0025	0.0023	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
206	2025	ALT2	EB	AM	HOV	0.03	0.04	0.89	0.11	266	182	0.0011	0.0010	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0002
207	2025	ALT2	EB	AM	HOV	0.12	0.16	3.26	0.41	970	661	0.0041	0.0038	0.0039	0.0002	0.0007	0.0029	0.0009	0.0003	0.0000	0.0005	0.0008
208	2025	ALT2	EB	AM	HOV	0.04	0.05	1.00	0.13	299	204	0.0013	0.0012	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
209	2025	ALT2	EB	AM	HOV	0.01	0.01	0.26	0.03	76	52	0.0003	0.0003	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
210	2025	ALT2	EB	AM	HOV	0.11	0.14	3.18	0.39	902	614	0.0038	0.0036	0.0034	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0008
211	2025	ALT2	EB	AM	HOV	0.07	0.10	2.20	0.27	622	424	0.0026	0.0025	0.0023	0.0001	0.0004	0.0018	0.0005	0.0002	0.0000	0.0003	0.0006
212	2025	ALT2	EB	AM	HOV	0.20	0.26	5.88	0.72	1665	1134	0.0071	0.0066	0.0063	0.0003	0.0012	0.0048	0.0014	0.0006	0.0001	0.0008	0.0015
213	2025	ALT2	EB	AM	HOV	0.11	0.15	3.38	0.41	958	653	0.0041	0.0038	0.0036	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0005	0.0009
214	2025	ALT2	EB	AM	HOV																	
215	2025	ALT2	EB	AM	HOV																	
1	2025	ALT2	EB	MD	Mainline	1.19	1.49	26.49	7.10	10405	7795	0.1889	0.1740	0.0350	0.0016	0.0272	0.0653	0.0072	0.0026	0.0010	0.1620	0.3001
2	2025	ALT2	EB	MD	Mainline	2.98	3.72	64.09	18.03	25929	19518	0.5047	0.4648	0.0874	0.0039	0.0694	0.1659	0.0180	0.0063	0.0027	0.4395	0.7699
3	2025	ALT2	EB	MD	Mainline	0.15	0.19	3.37	0.86	1309	972	0.0229	0.0211	0.0046	0.0002	0.0032	0.0078	0.0010	0.0003	0.0001	0.0194	0.0335
4	2025	ALT2	EB	MD	Mainline	2.64	3.30	58.26	15.72	22997	17240	0.4225	0.3891	0.0775	0.0034	0.0603	0.1448	0.0160	0.0057	0.0023	0.3633	0.6654
5	2025	ALT2	EB	MD	Mainline	1.04	1.30	22.27	5.99	8895	6648	0.1671	0.1539	0.0308	0.0014	0.0223	0.0544	0.0064	0.0022	0.0009	0.1440	0.2403
6	2025	ALT2	EB	MD	Mainline	1.52	1.90	32.47	9.19	13218	9951	0.2609	0.2403	0.0448	0.0020	0.0352	0.0843	0.0092	0.0032	0.0014	0.2277	0.3893
7	2025	ALT2	EB	MD	Mainline	2.23	2.80	49.56	13.39	19532	14650	0.3577	0.3294	0.0655	0.0029	0.0516	0.1236	0.0135	0.0048	0.0019	0.3075	0.5715
8	2025	ALT2	EB	MD	Mainline	2.80	3.50	59.80	17.11	24413	18411	0.4855	0.4471	0.0821	0.0036	0.0661	0.1576	0.0169	0.0059	0.0026	0.4247	0.7358
9	2025	ALT2	EB	MD	Mainline	2.43	3.05	54.98	14.39	21270	15900	0.3727	0.3433	0.0714	0.0032	0.0551	0.1324	0.0148	0.0053	0.0020	0.3171	0.6064
10	2025	ALT2	EB	MD	Mainline	0.71	0.89	15.01	4.42	6232	4714	0.1288	0.1186	0.0209	0.0009	0.0171	0.0407	0.0043	0.0015	0.0007	0.1136	0.1916
11	2025	ALT2	EB	MD	Mainline	1.48	1.86	32.29	8.91	12914	9701	0.2447	0.2253	0.0435	0.0019	0.0342	0.0820	0.0090	0.0032	0.0013	0.2118	0.3784
12	2025	ALT2	EB	MD	Mainline	1.02	1.28	21.71	6.16	8856	6667	0.1757	0.1618	0.0300	0.0013	0.0236	0.0565	0.0062	0.0022	0.0009	0.1535	0.2602
13	2025	ALT2	EB	MD	Mainline	1.01	1.26	20.78	5.42	8297	6162	0.1535	0.1414	0.0300	0.0014	0.0196	0.0490	0.0064	0.0021	0.0008	0.1312	0.2036
14	2025	ALT2	EB	MD	Mainline	1.57	1.96	32.89	8.78	13184	9830	0.2483	0.2287	0.0465	0.0021	0.0323	0.0795	0.0098	0.0033	0.0013	0.2137	0.3423
15	2025	ALT2	EB	MD	Mainline	1.99	2.50	44.25	11.24	17078	12693	0.2949	0.2717	0.0589	0.0027	0.0416	0.1020	0.0124	0.0043	0.0016	0.2492	0.4450
16	2025	ALT2	EB	MD	Mainline	1.16	1.46	26.03	6.55	9975	7409	0.1694	0.1561	0.0343	0.0016	0.0243	0.0595	0.0072	0.0025	0.0009	0.1426	0.2596
17	2025	ALT2	EB	MD	Mainline	1.81	2.27	40.21	10.90	15873	11911	0.2918	0.2687	0.0532	0.0024	0.0421	0.1006	0.0110	0.0039	0.0016	0.2511	0.4663
18	2025	ALT2	EB	MD	Mainline	1.50	1.88	32.36	8.61	12831	9581	0.2368	0.2181	0.0443	0.0020	0.0321	0.0783	0.0093	0.0032	0.0013	0.2033	0.3461
19	2025	ALT2	EB	MD	Mainline	1.16	1.45	24.34	6.51	9754	7275	0.1837	0.1692	0.0343	0.0016	0.0240	0.0589	0.0072	0.0025	0.0010	0.1582	0.2548
20	2025	ALT2	EB	MD	Mainline	2.36	2.95	49.72	13.76	20159	15113	0.3930	0.3619	0.0696	0.0031	0.0516	0.1251	0.0145	0.0050	0.0021	0.3415	0.5593
21	2025	ALT2	EB	MD	Mainline	0.27	0.34	5.69	1.51	2275	1695	0.0425	0.0391	0.0080	0.0004	0.0055	0.0137	0.0017	0.0006	0.0002	0.0365	0.0585
22	2025	ALT2	EB	MD	Mainline	1.00	1.25	21.30	4.97	8110	5942	0.1296	0.1194	0.0299	0.0014	0.0172	0.0443	0.0064	0.0022	0.0007	0.1065	0.1690
23	2025	ALT2	EB	MD	Mainline	0.99	1.24	21.12	5.00	8074	5928	0.1313	0.1210	0.0295	0.0014	0.0174	0.0447	0.0063	0.0021	0.0007	0.1086	0.1734
24	2025	ALT2	EB	MD	Mainline	0.89	1.12	18.92	4.29	7154	5219	0.1103	0.1017	0.0268	0.0013	0.0146	0.0382	0.0058	0.0019	0.0006	0.0896	0.1396
25	2025	ALT2	EB	MD	Mainline	0.58	0.73	12.57	2.83	4713	3437	0.0714	0.0658	0.0175	0.0008	0.0096	0.0251	0.0038	0.0013	0.0004	0.0578	0.0925
26	2025	ALT2	EB	MD	Mainline	5.10	6.40	107.63	23.73	40418	29375	0.6022	0.5549	0.1539	0.0075	0.0797	0.2114	0.0335	0.0111	0.0035	0.4829	0.7420
27	2025	ALT2	EB	MD	Mainline	3.97	4.98	82.23	18.17	31078	22576	0.4671	0.4304	0.1199	0.0058	0.0610	0.1626	0.0261	0.0086	0.0027	0.3750	0.5614
28	2025	ALT2	EB	MD	Mainline	2.19	2.75	45.73	9.96	17164	12449	0.2522	0.2325	0.0662	0.0032	0.0332	0.0889	0.0144	0.0048	0.0015	0.2011	0.3037
29	2025	ALT2	EB	MD	Mainline	1.48	1.86	30.74	6.60	11513	8333	0.1660	0.1530	0.0449	0.0022	0.0218	0.0590	0.0098	0.0032	0.0010	0.1314	0.1959
30	2025	ALT2	EB	MD	Mainline	2.50	3.13	51.57	11.07	19337	13994	0.2793	0.2574	0.0756	0.0037	0.0367	0.0991	0.0165	0.0054	0.0017	0.2210	0.3279
31	2025	ALT2	EB	MD	Mainline	1.84	2.31	38.12	8.16	14267	10322	0.2050	0.1889	0.0557	0.0027	0.0270	0.0729	0.0122	0.0040	0.0012	0.1620	0.2413
32	2025	ALT2	EB	MD	Mainline	2.00	2.51	41.87	9.13	15702	11392	0.2307	0.2126	0.0604	0.0029	0.0305	0.0814	0.0132	0.0044	0.0014	0.1840	0.2794
33	2025	ALT2	EB	MD	Mainline	1.84	2.32	39.23	8.39	14559	10543	0.2074	0.1911	0.0557	0.0027	0.0278	0.0745	0.0122	0.0040	0.0012	0.1638	0.2530

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
34	2025	ALT2	EB	MD	Mainline	2.03	2.55	43.22	9.58	16214	11796	0.2427	0.2236	0.0612	0.0030	0.0323	0.0852	0.0133	0.0044	0.0014	0.1950	0.3035
35	2025	ALT2	EB	MD	Mainline	1.16	1.46	24.57	5.17	9085	6565	0.1267	0.1167	0.0351	0.0017	0.0170	0.0459	0.0077	0.0025	0.0008	0.0992	0.1519
36	2025	ALT2	EB	MD	Mainline	1.38	1.73	29.23	6.17	10823	7823	0.1516	0.1397	0.0418	0.0021	0.0203	0.0548	0.0091	0.0030	0.0009	0.1190	0.1820
37	2025	ALT2	EB	MD	Mainline	1.86	2.34	39.36	8.32	14577	10537	0.2042	0.1882	0.0563	0.0028	0.0273	0.0739	0.0123	0.0041	0.0012	0.1602	0.2452
38	2025	ALT2	EB	MD	Mainline	2.69	3.38	57.60	12.26	21303	15419	0.3006	0.2771	0.0814	0.0040	0.0405	0.1086	0.0178	0.0059	0.0018	0.2367	0.3682
39	2025	ALT2	EB	MD	Mainline	2.88	3.62	61.00	12.63	22454	16188	0.3053	0.2814	0.0874	0.0043	0.0411	0.1121	0.0192	0.0063	0.0019	0.2368	0.3609
40	2025	ALT2	EB	MD	Mainline	1.91	2.40	39.77	8.34	14770	10660	0.2057	0.1895	0.0578	0.0029	0.0273	0.0744	0.0127	0.0042	0.0012	0.1607	0.2403
41	2025	ALT2	EB	MD	Mainline	0.73	0.92	15.51	3.17	5684	4091	0.0757	0.0698	0.0222	0.0011	0.0102	0.0281	0.0049	0.0016	0.0005	0.0583	0.0889
42	2025	ALT2	EB	MD	Mainline	2.19	2.76	47.50	9.81	17343	12509	0.2333	0.2151	0.0664	0.0033	0.0318	0.0864	0.0145	0.0049	0.0014	0.1806	0.2838
43	2025	ALT2	EB	MD	Mainline	0.96	1.20	20.32	4.12	7422	5337	0.0976	0.0899	0.0290	0.0014	0.0132	0.0364	0.0064	0.0021	0.0006	0.0747	0.1140
44	2025	ALT2	EB	MD	Mainline	1.37	1.73	29.79	6.09	10837	7807	0.1436	0.1324	0.0416	0.0020	0.0197	0.0536	0.0091	0.0031	0.0009	0.1105	0.1737
45	2025	ALT2	EB	MD	Mainline	0.64	0.80	13.53	2.75	4951	3560	0.0653	0.0602	0.0194	0.0010	0.0088	0.0243	0.0043	0.0014	0.0004	0.0500	0.0761
46	2025	ALT2	EB	MD	Mainline	1.70	2.15	36.83	7.49	13402	9647	0.1766	0.1628	0.0517	0.0026	0.0241	0.0660	0.0113	0.0038	0.0011	0.1356	0.2116
47	2025	ALT2	EB	MD	Mainline	0.10	0.12	2.08	0.42	760	545	0.0098	0.0091	0.0030	0.0001	0.0013	0.0037	0.0007	0.0002	0.0001	0.0075	0.0113
48	2025	ALT2	EB	MD	Mainline	2.01	2.53	42.39	8.56	15517	11150	0.2035	0.1876	0.0611	0.0030	0.0275	0.0760	0.0135	0.0044	0.0013	0.1555	0.2344
49	2025	ALT2	EB	MD	Mainline	0.17	0.21	3.59	0.71	1299	931	0.0165	0.0152	0.0051	0.0003	0.0023	0.0063	0.0011	0.0004	0.0001	0.0124	0.0191
50	2025	ALT2	EB	MD	Mainline	2.68	3.38	58.03	11.59	20993	15077	0.2688	0.2478	0.0815	0.0040	0.0369	0.1019	0.0179	0.0060	0.0017	0.2039	0.3177
51	2025	ALT2	EB	MD	Mainline	0.46	0.58	10.21	2.03	3655	2625	0.0460	0.0424	0.0139	0.0007	0.0064	0.0176	0.0031	0.0010	0.0003	0.0347	0.0560
52	2025	ALT2	EB	MD	Mainline	0.68	0.87	15.53	3.03	5496	3940	0.0669	0.0616	0.0208	0.0010	0.0095	0.0261	0.0046	0.0016	0.0004	0.0498	0.0819
53	2025	ALT2	EB	MD	Mainline	0.51	0.64	11.61	2.33	4120	2966	0.0521	0.0480	0.0154	0.0008	0.0074	0.0201	0.0034	0.0012	0.0003	0.0395	0.0670
54	2025	ALT2	EB	MD	Mainline	2.61	3.31	61.94	12.49	21711	15667	0.2736	0.2522	0.0790	0.0038	0.0405	0.1079	0.0172	0.0061	0.0017	0.2076	0.3781
55	2025	ALT2	EB	MD	Mainline	1.25	1.58	28.24	5.77	10150	7320	0.1329	0.1225	0.0379	0.0019	0.0186	0.0502	0.0083	0.0028	0.0008	0.1022	0.1688
56	2025	ALT2	EB	MD	Mainline	1.56	1.97	35.66	7.44	12807	9271	0.1718	0.1583	0.0470	0.0023	0.0245	0.0649	0.0102	0.0035	0.0010	0.1335	0.2299
57	2025	ALT2	EB	MD	Mainline	0.95	1.19	19.91	4.10	7332	5282	0.0991	0.0914	0.0287	0.0014	0.0133	0.0365	0.0063	0.0021	0.0006	0.0767	0.1158
58	2025	ALT2	EB	MD	Mainline	3.15	3.96	67.04	13.99	24697	17827	0.3395	0.3129	0.0954	0.0047	0.0457	0.1240	0.0209	0.0069	0.0021	0.2645	0.4066
59	2025	ALT2	EB	MD	Mainline	0.83	1.04	17.43	3.54	6393	4597	0.0846	0.0780	0.0251	0.0012	0.0114	0.0315	0.0055	0.0018	0.0005	0.0649	0.0979
60	2025	ALT2	EB	MD	Mainline	3.37	4.24	71.98	14.76	26350	18979	0.3523	0.3247	0.1022	0.0050	0.0477	0.1306	0.0224	0.0074	0.0022	0.2716	0.4181
61	2025	ALT2	EB	MD	Mainline	0.76	0.95	15.94	3.22	5847	4202	0.0770	0.0710	0.0231	0.0011	0.0104	0.0287	0.0051	0.0017	0.0005	0.0589	0.0883
62	2025	ALT2	EB	MD	Mainline	1.53	1.92	31.66	6.54	11724	8444	0.1598	0.1473	0.0463	0.0023	0.0212	0.0584	0.0102	0.0033	0.0010	0.1238	0.1835
63	2025	ALT2	EB	MD	Mainline	0.58	0.73	12.16	2.58	4532	3275	0.0641	0.0591	0.0177	0.0009	0.0085	0.0230	0.0039	0.0013	0.0004	0.0504	0.0753
64	2025	ALT2	EB	MD	Mainline	1.77	2.23	37.25	8.07	13936	10103	0.2030	0.1870	0.0536	0.0026	0.0269	0.0719	0.0117	0.0039	0.0012	0.1614	0.2454
65	2025	ALT2	EB	MD	Mainline	0.59	0.74	12.50	2.63	4618	3337	0.0643	0.0592	0.0178	0.0009	0.0086	0.0233	0.0039	0.0013	0.0004	0.0503	0.0773
66	2025	ALT2	EB	MD	Mainline	0.21	0.26	4.34	1.03	1670	1225	0.0274	0.0252	0.0062	0.0003	0.0036	0.0092	0.0013	0.0004	0.0002	0.0226	0.0352
67	2025	ALT2	EB	MD	Mainline	1.38	1.72	28.30	7.58	11415	8507	0.2176	0.2004	0.0409	0.0019	0.0277	0.0686	0.0086	0.0029	0.0012	0.1875	0.2913
68	2025	ALT2	EB	MD	Mainline	1.04	1.30	21.14	5.49	8457	6271	0.1564	0.1440	0.0310	0.0014	0.0197	0.0495	0.0066	0.0022	0.0009	0.1334	0.2020
69	2025	ALT2	EB	MD	Mainline	2.35	2.93	47.48	13.33	19560	14656	0.3947	0.3635	0.0695	0.0032	0.0495	0.1210	0.0146	0.0049	0.0021	0.3443	0.5276
70	2025	ALT2	EB	MD	Mainline	1.46	1.82	28.72	7.94	11850	8847	0.2383	0.2195	0.0433	0.0020	0.0290	0.0719	0.0092	0.0030	0.0013	0.2071	0.3021
71	2025	ALT2	EB	MD	Mainline	1.86	2.31	36.37	10.65	15334	11536	0.3277	0.3018	0.0548	0.0025	0.0397	0.0967	0.0115	0.0038	0.0017	0.2888	0.4254
72	2025	ALT2	EB	MD	Mainline	1.86	2.31	36.35	10.12	15055	11245	0.3057	0.2815	0.0552	0.0026	0.0369	0.0916	0.0117	0.0038	0.0016	0.2661	0.3846
73	2025	ALT2	EB	MD	Ramp	0.14	0.20	2.86	0.38	1060	736	0.0085	0.0078	0.0044	0.0002	0.0019	0.0053	0.0010	0.0006	0.0001	0.0021	0.0170
74	2025	ALT2	EB	MD	Ramp	0.07	0.10	1.32	0.23	522	372	0.0049	0.0046	0.0023	0.0001	0.0017	0.0041	0.0005	0.0003	0.0000	0.0020	0.0188
75	2025	ALT2	EB	MD	Ramp	0.19	0.27	2.88	0.39	1259	867	0.0110	0.0102	0.0060	0.0003	0.0023	0.0068	0.0013	0.0008	0.0001	0.0016	0.0208
76	2025	ALT2	EB	MD	Ramp	0.19	0.27	3.20	0.46	1321	920	0.0115	0.0107	0.0061	0.0003	0.0032	0.0086	0.0013	0.0008	0.0001	0.0027	0.0330
77	2025	ALT2	EB	MD	Ramp	0.17	0.24	2.92	0.45	1173	824	0.0104	0.0096	0.0052	0.0002	0.0032	0.0082	0.0011	0.0006	0.0001	0.0031	0.0344
78	2025	ALT2	EB	MD	Ramp	0.14	0.19	2.10	0.34	899	632	0.0083	0.0077	0.0043	0.0002	0.0029	0.0073	0.0009	0.0005	0.0001	0.0024	0.0329
79	2025	ALT2	EB	MD	Ramp	0.22	0.31	3.18	0.52	1410	988	0.0132	0.0122	0.0069	0.0003	0.0046	0.0116	0.0014	0.0009	0.0001	0.0034	0.0515
80	2025	ALT2	EB	MD	Ramp	0.26	0.36	4.64	0.69	1823	1278	0.0158	0.0146	0.0080	0.0004	0.0045	0.0118	0.0017	0.0010	0.0002	0.0046	0.0471
81	2025	ALT2	EB	MD	Ramp	0.30	0.41	7.48	1.04	2472	1729	0.0190	0.0176	0.0093	0.0005	0.0039	0.0111	0.0020	0.0011	0.0002	0.0065	0.0347

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
82	2025	ALT2	EB	MD	Ramp	0.21	0.29	4.30	0.58	1572	1094	0.0126	0.0116	0.0065	0.0003	0.0027	0.0078	0.0014	0.0008	0.0001	0.0033	0.0250
83	2025	ALT2	EB	MD	Ramp	0.06	0.07	1.35	0.26	468	340	0.0047	0.0043	0.0017	0.0001	0.0013	0.0031	0.0003	0.0002	0.0000	0.0027	0.0145
84	2025	ALT2	EB	MD	Ramp	0.06	0.08	1.74	0.24	531	371	0.0038	0.0035	0.0019	0.0001	0.0008	0.0022	0.0004	0.0002	0.0000	0.0014	0.0068
85	2025	ALT2	EB	MD	Ramp	0.12	0.16	3.28	0.58	1056	762	0.0100	0.0092	0.0036	0.0002	0.0025	0.0063	0.0008	0.0004	0.0001	0.0060	0.0277
86	2025	ALT2	EB	MD	Ramp	0.23	0.32	5.15	0.95	1885	1358	0.0184	0.0170	0.0071	0.0003	0.0049	0.0122	0.0015	0.0008	0.0002	0.0096	0.0547
87	2025	ALT2	EB	MD	Ramp	0.07	0.09	1.29	0.21	495	351	0.0045	0.0042	0.0021	0.0001	0.0013	0.0033	0.0004	0.0002	0.0000	0.0018	0.0142
88	2025	ALT2	EB	MD	Ramp	0.20	0.28	4.31	0.61	1569	1097	0.0129	0.0119	0.0064	0.0003	0.0029	0.0081	0.0014	0.0008	0.0001	0.0039	0.0280
89	2025	ALT2	EB	MD	Ramp	0.05	0.07	0.89	0.14	343	243	0.0031	0.0029	0.0015	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0011	0.0099
90	2025	ALT2	EB	MD	Ramp	0.10	0.14	1.56	0.42	688	515	0.0085	0.0078	0.0029	0.0001	0.0037	0.0082	0.0005	0.0003	0.0001	0.0054	0.0461
91	2025	ALT2	EB	MD	Ramp	0.15	0.21	3.46	0.63	1243	895	0.0120	0.0111	0.0046	0.0002	0.0032	0.0080	0.0010	0.0005	0.0001	0.0063	0.0355
92	2025	ALT2	EB	MD	Ramp	0.29	0.39	3.66	0.72	1681	1199	0.0172	0.0159	0.0086	0.0004	0.0083	0.0192	0.0017	0.0010	0.0002	0.0061	0.1000
93	2025	ALT2	EB	MD	Ramp	1.59	2.00	28.19	10.72	13094	10356	0.2184	0.2012	0.0433	0.0013	0.0717	0.1531	0.0074	0.0030	0.0012	0.1866	0.9224
94	2025	ALT2	EB	MD	Ramp	0.60	0.81	13.26	2.56	4869	3528	0.0492	0.0454	0.0182	0.0008	0.0136	0.0332	0.0037	0.0020	0.0004	0.0273	0.1542
95	2025	ALT2	EB	MD	Ramp	0.12	0.16	2.76	0.45	973	692	0.0087	0.0080	0.0037	0.0002	0.0021	0.0055	0.0008	0.0004	0.0001	0.0039	0.0218
96	2025	ALT2	EB	MD	Ramp	0.13	0.18	3.92	0.61	1184	841	0.0097	0.0090	0.0041	0.0002	0.0022	0.0058	0.0009	0.0004	0.0001	0.0051	0.0221
97	2025	ALT2	EB	MD	Ramp	0.08	0.10	1.60	0.41	624	470	0.0079	0.0072	0.0022	0.0001	0.0025	0.0055	0.0004	0.0002	0.0001	0.0057	0.0302
98	2025	ALT2	EB	MD	Ramp	0.08	0.10	1.95	0.37	669	486	0.0067	0.0062	0.0024	0.0001	0.0018	0.0044	0.0005	0.0002	0.0001	0.0041	0.0209
99	2025	ALT2	EB	MD	Ramp	0.13	0.17	3.25	0.69	1137	839	0.0126	0.0116	0.0039	0.0002	0.0035	0.0083	0.0008	0.0004	0.0001	0.0086	0.0416
100	2025	ALT2	EB	MD	Ramp	0.16	0.21	4.12	0.69	1343	961	0.0119	0.0110	0.0048	0.0002	0.0030	0.0076	0.0010	0.0005	0.0001	0.0063	0.0320
101	2025	ALT2	EB	MD	Ramp	0.07	0.09	1.93	0.37	634	462	0.0065	0.0060	0.0022	0.0001	0.0017	0.0040	0.0004	0.0002	0.0000	0.0042	0.0186
102	2025	ALT2	EB	MD	Ramp	0.05	0.07	1.44	0.25	468	336	0.0042	0.0039	0.0016	0.0001	0.0011	0.0027	0.0003	0.0002	0.0000	0.0023	0.0117
103	2025	ALT2	EB	MD	Ramp	0.03	0.04	0.96	0.14	287	202	0.0022	0.0020	0.0010	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0010	0.0045
104	2025	ALT2	EB	MD	Ramp	0.11	0.16	2.44	0.35	877	614	0.0072	0.0066	0.0035	0.0002	0.0016	0.0044	0.0008	0.0004	0.0001	0.0023	0.0148
105	2025	ALT2	EB	MD	Ramp	0.10	0.14	2.45	0.39	826	586	0.0070	0.0065	0.0031	0.0001	0.0017	0.0044	0.0006	0.0003	0.0001	0.0031	0.0171
106	2025	ALT2	EB	MD	Ramp	0.04	0.05	0.57	0.08	244	168	0.0021	0.0020	0.0011	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0004	0.0047
107	2025	ALT2	EB	MD	Ramp																	
108	2025	ALT2	EB	MD	Ramp																	
109	2025	ALT2	EB	MD	Ramp	0.10	0.13	2.46	0.43	832	598	0.0078	0.0072	0.0030	0.0001	0.0020	0.0051	0.0006	0.0003	0.0001	0.0042	0.0222
110	2025	ALT2	EB	MD	Ramp	0.23	0.33	5.05	0.70	1823	1272	0.0147	0.0136	0.0074	0.0004	0.0032	0.0090	0.0016	0.0009	0.0001	0.0043	0.0297
111	2025	ALT2	EB	MD	Ramp	0.04	0.06	1.19	0.19	369	264	0.0032	0.0030	0.0013	0.0001	0.0008	0.0020	0.0003	0.0001	0.0000	0.0018	0.0079
112	2025	ALT2	EB	MD	Ramp	0.21	0.29	4.37	0.63	1598	1118	0.0132	0.0122	0.0065	0.0003	0.0031	0.0085	0.0014	0.0008	0.0001	0.0041	0.0297
113	2025	ALT2	EB	MD	Ramp	0.08	0.11	1.99	0.30	655	462	0.0053	0.0049	0.0024	0.0001	0.0012	0.0032	0.0005	0.0003	0.0000	0.0022	0.0117
114	2025	ALT2	EB	MD	Ramp	0.15	0.21	3.16	0.40	1156	800	0.0090	0.0083	0.0048	0.0002	0.0018	0.0053	0.0010	0.0006	0.0001	0.0019	0.0151
115	2025	ALT2	EB	MD	Ramp																	
116	2025	ALT2	EB	MD	Ramp	0.05	0.07	1.13	0.14	398	275	0.0030	0.0028	0.0016	0.0001	0.0005	0.0017	0.0003	0.0002	0.0000	0.0007	0.0042
117	2025	ALT2	EB	MD	Ramp	0.07	0.09	1.67	0.28	571	408	0.0051	0.0048	0.0021	0.0001	0.0013	0.0033	0.0004	0.0002	0.0000	0.0025	0.0139
118	2025	ALT2	EB	MD	Ramp	0.07	0.10	1.62	0.20	561	387	0.0041	0.0038	0.0022	0.0001	0.0007	0.0022	0.0005	0.0003	0.0000	0.0009	0.0052
119	2025	ALT2	EB	MD	Ramp	0.09	0.13	2.42	0.37	794	562	0.0065	0.0060	0.0029	0.0001	0.0015	0.0041	0.0006	0.0003	0.0001	0.0029	0.0152
120	2025	ALT2	EB	MD	Ramp	0.08	0.12	1.92	0.24	663	457	0.0048	0.0045	0.0026	0.0001	0.0008	0.0026	0.0006	0.0003	0.0001	0.0010	0.0058
121	2025	ALT2	EB	MD	Ramp	0.12	0.15	3.27	0.55	1019	731	0.0091	0.0084	0.0035	0.0002	0.0022	0.0055	0.0007	0.0003	0.0001	0.0053	0.0231
122	2025	ALT2	EB	MD	Ramp	1.38	1.85	35.49	6.10	11730	8418	0.1069	0.0987	0.0418	0.0019	0.0273	0.0686	0.0087	0.0044	0.0009	0.0578	0.2956
123	2025	ALT2	EB	MD	Ramp	0.94	1.26	25.75	4.12	8148	5804	0.0691	0.0639	0.0287	0.0014	0.0167	0.0432	0.0061	0.0030	0.0006	0.0352	0.1732
124	2025	ALT2	EB	MD	Ramp	0.18	0.25	2.22	0.32	1091	754	0.0105	0.0097	0.0056	0.0003	0.0028	0.0076	0.0012	0.0008	0.0001	0.0015	0.0288
125	2025	ALT2	EB	MD	Ramp	0.15	0.20	2.96	0.46	1110	782	0.0097	0.0090	0.0046	0.0002	0.0026	0.0067	0.0010	0.0006	0.0001	0.0034	0.0267
126	2025	ALT2	EB	MD	Ramp	0.07	0.09	1.28	0.18	486	339	0.0041	0.0038	0.0021	0.0001	0.0010	0.0028	0.0004	0.0003	0.0000	0.0011	0.0101
127	2025	ALT2	EB	MD	Ramp	0.35	0.49	4.95	0.81	2205	1546	0.0208	0.0193	0.0108	0.0005	0.0075	0.0186	0.0022	0.0014	0.0002	0.0054	0.0838
128	2025	ALT2	EB	MD	Ramp	0.03	0.04	0.62	0.07	219	150	0.0016	0.0014	0.0009	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0002	0.0012
129	2025	ALT2	EB	MD	Ramp	0.18	0.25	4.18	0.67	1473	1044	0.0129	0.0119	0.0056	0.0003	0.0030	0.0080	0.0012	0.0007	0.0001	0.0055	0.0308

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
130	2025	ALT2	EB	MD	Ramp	0.09	0.13	2.73	0.36	824	574	0.0058	0.0053	0.0030	0.0001	0.0011	0.0034	0.0006	0.0003	0.0001	0.0020	0.0096
131	2025	ALT2	EB	MD	Ramp	0.21	0.29	5.23	0.84	1756	1248	0.0151	0.0140	0.0065	0.0003	0.0037	0.0096	0.0014	0.0007	0.0001	0.0070	0.0381
132	2025	ALT2	EB	MD	Ramp	0.08	0.11	2.36	0.30	703	487	0.0046	0.0043	0.0025	0.0001	0.0008	0.0026	0.0006	0.0003	0.0000	0.0013	0.0062
133	2025	ALT2	EB	MD	Ramp	0.25	0.35	6.04	0.89	2066	1452	0.0168	0.0156	0.0079	0.0004	0.0036	0.0101	0.0017	0.0009	0.0002	0.0063	0.0346
134	2025	ALT2	EB	MD	Ramp	0.43	0.57	11.75	1.80	3680	2606	0.0298	0.0276	0.0131	0.0006	0.0069	0.0184	0.0028	0.0014	0.0003	0.0141	0.0693
135	2025	ALT2	EB	MD	Ramp	0.22	0.31	5.03	0.81	1791	1271	0.0159	0.0147	0.0069	0.0003	0.0038	0.0099	0.0015	0.0008	0.0001	0.0068	0.0388
136	2025	ALT2	EB	MD	Ramp	0.04	0.06	0.86	0.11	313	216	0.0024	0.0022	0.0013	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0005	0.0038
137	2025	ALT2	EB	MD	Ramp	1.53	1.97	30.39	8.70	12425	9473	0.1688	0.1556	0.0433	0.0016	0.0547	0.1209	0.0080	0.0037	0.0011	0.1287	0.6813
138	2025	ALT2	EB	MD	Ramp	0.17	0.24	2.22	0.34	1056	734	0.0100	0.0093	0.0054	0.0003	0.0031	0.0080	0.0011	0.0007	0.0001	0.0018	0.0329
139	2025	ALT2	EB	MD	Ramp	0.10	0.14	2.13	0.28	773	536	0.0060	0.0056	0.0032	0.0002	0.0012	0.0036	0.0007	0.0004	0.0001	0.0014	0.0107
140	2025	ALT2	EB	MD	Ramp	0.27	0.39	5.02	0.69	1966	1368	0.0164	0.0152	0.0086	0.0004	0.0041	0.0113	0.0018	0.0011	0.0002	0.0040	0.0407
141	2025	ALT2	EB	MD	Ramp	0.03	0.04	0.86	0.11	253	175	0.0016	0.0015	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0020
142	2025	ALT2	EB	MD	Ramp	0.14	0.20	3.70	0.45	1189	820	0.0081	0.0075	0.0045	0.0002	0.0013	0.0043	0.0010	0.0006	0.0001	0.0017	0.0088
143	2025	ALT2	EB	MD	Ramp	0.08	0.11	2.36	0.28	683	471	0.0042	0.0039	0.0025	0.0001	0.0007	0.0023	0.0005	0.0003	0.0000	0.0010	0.0043
144	2025	ALT2	EB	MD	HOV	0.21	0.29	7.26	0.81	1929	1313	0.0088	0.0081	0.0068	0.0004	0.0013	0.0051	0.0015	0.0007	0.0001	0.0008	0.0021
145	2025	ALT2	EB	MD	HOV	0.57	0.76	19.17	2.15	5091	3467	0.0232	0.0215	0.0179	0.0010	0.0034	0.0135	0.0041	0.0018	0.0003	0.0022	0.0054
146	2025	ALT2	EB	MD	HOV	0.02	0.03	0.83	0.09	220	150	0.0010	0.0009	0.0008	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
147	2025	ALT2	EB	MD	HOV	0.48	0.64	16.21	1.82	4305	2932	0.0196	0.0182	0.0152	0.0008	0.0028	0.0115	0.0035	0.0016	0.0002	0.0019	0.0046
148	2025	ALT2	EB	MD	HOV	0.17	0.23	5.90	0.66	1565	1066	0.0071	0.0066	0.0055	0.0003	0.0010	0.0042	0.0013	0.0006	0.0001	0.0007	0.0017
149	2025	ALT2	EB	MD	HOV	0.29	0.38	9.72	1.09	2581	1758	0.0117	0.0109	0.0091	0.0005	0.0017	0.0069	0.0021	0.0009	0.0001	0.0011	0.0027
150	2025	ALT2	EB	MD	HOV	0.30	0.40	9.41	1.12	2593	1766	0.0112	0.0103	0.0095	0.0005	0.0018	0.0072	0.0022	0.0009	0.0001	0.0012	0.0025
151	2025	ALT2	EB	MD	HOV	0.41	0.53	12.70	1.51	3501	2385	0.0151	0.0140	0.0128	0.0007	0.0024	0.0097	0.0029	0.0012	0.0002	0.0016	0.0034
152	2025	ALT2	EB	MD	HOV	0.32	0.42	10.07	1.20	2777	1892	0.0120	0.0111	0.0102	0.0005	0.0019	0.0077	0.0023	0.0009	0.0001	0.0013	0.0027
153	2025	ALT2	EB	MD	HOV	0.11	0.14	2.77	0.35	828	564	0.0035	0.0032	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
154	2025	ALT2	EB	MD	HOV	0.20	0.26	5.30	0.67	1584	1079	0.0067	0.0062	0.0063	0.0003	0.0012	0.0048	0.0015	0.0005	0.0001	0.0008	0.0014
155	2025	ALT2	EB	MD	HOV	0.15	0.19	3.94	0.50	1177	802	0.0050	0.0046	0.0047	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0010
156	2025	ALT2	EB	MD	HOV	0.12	0.15	3.10	0.39	926	631	0.0039	0.0036	0.0037	0.0002	0.0007	0.0028	0.0008	0.0003	0.0000	0.0005	0.0008
157	2025	ALT2	EB	MD	HOV	0.21	0.27	5.45	0.69	1629	1110	0.0069	0.0064	0.0065	0.0003	0.0013	0.0049	0.0015	0.0005	0.0001	0.0008	0.0014
158	2025	ALT2	EB	MD	HOV	0.24	0.31	6.28	0.79	1878	1279	0.0079	0.0074	0.0075	0.0004	0.0014	0.0057	0.0017	0.0006	0.0001	0.0009	0.0016
159	2025	ALT2	EB	MD	HOV	0.14	0.18	3.59	0.45	1074	732	0.0045	0.0042	0.0043	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0009
160	2025	ALT2	EB	MD	HOV	0.25	0.33	6.70	0.84	2002	1364	0.0085	0.0078	0.0080	0.0004	0.0015	0.0061	0.0018	0.0007	0.0001	0.0010	0.0017
161	2025	ALT2	EB	MD	HOV	0.09	0.12	2.26	0.29	694	473	0.0029	0.0027	0.0029	0.0002	0.0006	0.0022	0.0007	0.0002	0.0000	0.0004	0.0006
162	2025	ALT2	EB	MD	HOV	0.07	0.08	1.62	0.20	498	339	0.0021	0.0019	0.0020	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0004
163	2025	ALT2	EB	MD	HOV	0.16	0.20	3.83	0.48	1179	803	0.0050	0.0046	0.0049	0.0003	0.0009	0.0037	0.0011	0.0004	0.0001	0.0006	0.0010
164	2025	ALT2	EB	MD	HOV	0.02	0.02	0.38	0.05	118	80	0.0005	0.0005	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
165	2025	ALT2	EB	MD	HOV	0.07	0.09	1.79	0.23	552	376	0.0023	0.0022	0.0023	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
166	2025	ALT2	EB	MD	HOV	0.09	0.11	2.22	0.28	682	464	0.0029	0.0027	0.0028	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0003	0.0006
167	2025	ALT2	EB	MD	HOV	0.06	0.08	1.57	0.20	482	328	0.0020	0.0019	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0002	0.0004
168	2025	ALT2	EB	MD	HOV	0.04	0.05	1.02	0.13	313	213	0.0013	0.0012	0.0013	0.0001	0.0002	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
169	2025	ALT2	EB	MD	HOV	0.37	0.48	9.25	1.17	2845	1938	0.0120	0.0111	0.0117	0.0006	0.0023	0.0089	0.0027	0.0009	0.0001	0.0014	0.0024
170	2025	ALT2	EB	MD	HOV	0.27	0.35	6.68	0.84	2056	1400	0.0087	0.0080	0.0085	0.0005	0.0016	0.0064	0.0019	0.0007	0.0001	0.0010	0.0017
171	2025	ALT2	EB	MD	HOV	0.15	0.19	3.50	0.44	1093	744	0.0046	0.0043	0.0046	0.0002	0.0009	0.0035	0.0011	0.0004	0.0001	0.0006	0.0009
172	2025	ALT2	EB	MD	HOV	0.09	0.11	2.05	0.26	640	436	0.0027	0.0025	0.0027	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0005
173	2025	ALT2	EB	MD	HOV	0.15	0.19	3.64	0.46	1136	774	0.0048	0.0044	0.0048	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0009
174	2025	ALT2	EB	MD	HOV	0.11	0.14	2.57	0.33	804	548	0.0034	0.0031	0.0034	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0007
175	2025	ALT2	EB	MD	HOV	0.13	0.16	3.08	0.39	961	655	0.0040	0.0037	0.0040	0.0002	0.0008	0.0031	0.0009	0.0003	0.0000	0.0005	0.0008
176	2025	ALT2	EB	MD	HOV	0.11	0.14	2.69	0.34	841	573	0.0035	0.0033	0.0035	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0004	0.0007
177	2025	ALT2	EB	MD	HOV	0.15	0.20	3.66	0.46	1144	779	0.0048	0.0045	0.0048	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0010

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
178	2025	ALT2	EB	MD	HOV	0.07	0.09	1.78	0.22	555	378	0.0023	0.0022	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
179	2025	ALT2	EB	MD	HOV	0.08	0.11	2.67	0.31	719	490	0.0032	0.0029	0.0026	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0007
180	2025	ALT2	EB	MD	HOV	0.11	0.15	3.60	0.42	969	660	0.0043	0.0040	0.0035	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0010
181	2025	ALT2	EB	MD	HOV	0.19	0.25	6.12	0.71	1647	1122	0.0073	0.0067	0.0059	0.0003	0.0011	0.0045	0.0013	0.0006	0.0001	0.0007	0.0017
182	2025	ALT2	EB	MD	HOV	0.18	0.23	5.74	0.67	1544	1051	0.0068	0.0063	0.0055	0.0003	0.0010	0.0042	0.0013	0.0005	0.0001	0.0007	0.0016
183	2025	ALT2	EB	MD	HOV	0.13	0.17	4.16	0.48	1119	763	0.0049	0.0046	0.0040	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0011
184	2025	ALT2	EB	MD	HOV	0.04	0.06	1.44	0.17	387	264	0.0017	0.0016	0.0014	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0004
185	2025	ALT2	EB	MD	HOV	0.15	0.19	4.76	0.55	1280	872	0.0057	0.0052	0.0046	0.0002	0.0009	0.0035	0.0010	0.0004	0.0001	0.0006	0.0013
186	2025	ALT2	EB	MD	HOV	0.06	0.08	1.88	0.22	506	344	0.0022	0.0021	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
187	2025	ALT2	EB	MD	HOV	0.09	0.12	2.97	0.35	800	545	0.0035	0.0033	0.0029	0.0002	0.0005	0.0022	0.0007	0.0003	0.0000	0.0004	0.0008
188	2025	ALT2	EB	MD	HOV	0.04	0.05	1.30	0.15	348	237	0.0015	0.0014	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0004
189	2025	ALT2	EB	MD	HOV	0.12	0.15	3.82	0.44	1027	700	0.0045	0.0042	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0010
190	2025	ALT2	EB	MD	HOV	0.01	0.01	0.20	0.02	54	37	0.0002	0.0002	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
191	2025	ALT2	EB	MD	HOV	0.19	0.25	4.81	0.61	1470	1001	0.0062	0.0057	0.0060	0.0003	0.0012	0.0046	0.0014	0.0005	0.0001	0.0007	0.0013
192	2025	ALT2	EB	MD	HOV	0.02	0.02	0.38	0.05	117	80	0.0005	0.0005	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
193	2025	ALT2	EB	MD	HOV	0.30	0.38	7.48	0.95	2286	1557	0.0096	0.0089	0.0093	0.0005	0.0018	0.0071	0.0021	0.0007	0.0001	0.0012	0.0020
194	2025	ALT2	EB	MD	HOV	0.03	0.04	0.87	0.11	266	181	0.0011	0.0010	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0002
195	2025	ALT2	EB	MD	HOV	0.04	0.05	1.03	0.13	314	214	0.0013	0.0012	0.0013	0.0001	0.0002	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
196	2025	ALT2	EB	MD	HOV	0.03	0.04	0.86	0.11	264	180	0.0011	0.0010	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0002
197	2025	ALT2	EB	MD	HOV	0.20	0.26	5.02	0.63	1532	1044	0.0065	0.0060	0.0063	0.0003	0.0012	0.0048	0.0014	0.0005	0.0001	0.0008	0.0013
198	2025	ALT2	EB	MD	HOV	0.09	0.11	2.24	0.28	686	467	0.0029	0.0027	0.0028	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0003	0.0006
199	2025	ALT2	EB	MD	HOV	0.19	0.25	5.46	0.67	1568	1068	0.0067	0.0062	0.0060	0.0003	0.0012	0.0045	0.0014	0.0005	0.0001	0.0008	0.0014
200	2025	ALT2	EB	MD	HOV	0.10	0.13	2.81	0.35	808	550	0.0034	0.0032	0.0031	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
201	2025	ALT2	EB	MD	HOV	0.37	0.48	10.69	1.32	3068	2090	0.0130	0.0121	0.0117	0.0006	0.0023	0.0089	0.0027	0.0010	0.0001	0.0015	0.0028
202	2025	ALT2	EB	MD	HOV	0.09	0.11	2.48	0.31	712	485	0.0030	0.0028	0.0027	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0003	0.0006
203	2025	ALT2	EB	MD	HOV	0.40	0.52	11.38	1.40	3266	2225	0.0139	0.0128	0.0125	0.0007	0.0024	0.0095	0.0029	0.0011	0.0002	0.0016	0.0030
204	2025	ALT2	EB	MD	HOV	0.09	0.11	2.52	0.31	717	488	0.0030	0.0028	0.0027	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0003	0.0007
205	2025	ALT2	EB	MD	HOV	0.19	0.25	5.61	0.69	1597	1087	0.0068	0.0063	0.0060	0.0003	0.0012	0.0046	0.0014	0.0005	0.0001	0.0008	0.0015
206	2025	ALT2	EB	MD	HOV	0.09	0.11	2.53	0.31	720	491	0.0031	0.0028	0.0027	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0003	0.0007
207	2025	ALT2	EB	MD	HOV	0.32	0.41	9.22	1.13	2623	1787	0.0111	0.0103	0.0099	0.0005	0.0019	0.0075	0.0023	0.0009	0.0001	0.0013	0.0024
208	2025	ALT2	EB	MD	HOV	0.10	0.13	2.84	0.35	809	551	0.0034	0.0032	0.0031	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
209	2025	ALT2	EB	MD	HOV	0.02	0.03	0.72	0.09	206	141	0.0009	0.0008	0.0008	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
210	2025	ALT2	EB	MD	HOV	0.28	0.38	9.29	1.08	2501	1704	0.0110	0.0102	0.0090	0.0005	0.0017	0.0068	0.0020	0.0009	0.0001	0.0011	0.0025
211	2025	ALT2	EB	MD	HOV	0.20	0.26	6.41	0.75	1726	1175	0.0076	0.0071	0.0062	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0017
212	2025	ALT2	EB	MD	HOV	0.52	0.69	17.16	2.00	4619	3146	0.0204	0.0189	0.0165	0.0009	0.0031	0.0125	0.0038	0.0016	0.0002	0.0021	0.0047
213	2025	ALT2	EB	MD	HOV	0.30	0.40	9.87	1.15	2658	1810	0.0117	0.0109	0.0095	0.0005	0.0018	0.0072	0.0022	0.0009	0.0001	0.0012	0.0027
214	2025	ALT2	EB	MD	HOV																	
215	2025	ALT2	EB	MD	HOV																	
1	2025	ALT2	EB	PM	Mainline	1.10	1.43	29.93	5.72	9729	7089	0.1011	0.0933	0.0327	0.0015	0.0249	0.0603	0.0067	0.0030	0.0007	0.0677	0.2795
2	2025	ALT2	EB	PM	Mainline	2.44	3.13	66.00	13.56	21953	16084	0.2629	0.2423	0.0724	0.0033	0.0534	0.1300	0.0150	0.0061	0.0017	0.1961	0.5874
3	2025	ALT2	EB	PM	Mainline	0.12	0.15	3.13	0.63	1043	760	0.0125	0.0116	0.0035	0.0002	0.0023	0.0057	0.0007	0.0003	0.0001	0.0094	0.0243
4	2025	ALT2	EB	PM	Mainline	2.13	2.74	57.93	11.77	19158	14033	0.2238	0.2064	0.0632	0.0028	0.0475	0.1152	0.0130	0.0054	0.0014	0.1646	0.5266
5	2025	ALT2	EB	PM	Mainline	0.82	1.04	21.40	4.40	7254	5293	0.0914	0.0842	0.0244	0.0011	0.0159	0.0398	0.0051	0.0020	0.0006	0.0699	0.1669
6	2025	ALT2	EB	PM	Mainline	1.22	1.56	32.02	6.80	10939	8028	0.1415	0.1305	0.0363	0.0017	0.0259	0.0635	0.0076	0.0030	0.0009	0.1095	0.2807
7	2025	ALT2	EB	PM	Mainline	1.97	2.56	53.57	10.59	17579	12864	0.1922	0.1773	0.0584	0.0026	0.0461	0.1106	0.0119	0.0052	0.0013	0.1345	0.5195
8	2025	ALT2	EB	PM	Mainline	2.27	2.90	59.50	12.84	20392	15007	0.2659	0.2451	0.0673	0.0030	0.0502	0.1218	0.0139	0.0055	0.0016	0.2064	0.5529
9	2025	ALT2	EB	PM	Mainline	2.10	2.74	57.25	11.32	18782	13745	0.2056	0.1896	0.0624	0.0028	0.0492	0.1180	0.0127	0.0056	0.0014	0.1441	0.5542
10	2025	ALT2	EB	PM	Mainline	0.58	0.73	14.44	3.27	5132	3786	0.0734	0.0677	0.0171	0.0008	0.0124	0.0302	0.0036	0.0013	0.0004	0.0590	0.1344

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
11	2025	ALT2	EB	PM	Mainline	1.17	1.50	31.04	6.62	10546	7756	0.1341	0.1236	0.0347	0.0016	0.0261	0.0633	0.0072	0.0029	0.0008	0.1029	0.2887
12	2025	ALT2	EB	PM	Mainline	0.83	1.05	21.30	4.63	7385	5429	0.0996	0.0918	0.0246	0.0011	0.0175	0.0428	0.0051	0.0020	0.0006	0.0784	0.1886
13	2025	ALT2	EB	PM	Mainline	0.81	1.02	19.29	4.13	6854	4990	0.0934	0.0861	0.0242	0.0011	0.0141	0.0362	0.0052	0.0019	0.0006	0.0732	0.1402
14	2025	ALT2	EB	PM	Mainline	1.23	1.56	30.23	6.59	10684	7818	0.1474	0.1359	0.0367	0.0017	0.0234	0.0588	0.0078	0.0029	0.0009	0.1165	0.2423
15	2025	ALT2	EB	PM	Mainline	1.56	2.00	42.41	8.50	13995	10211	0.1641	0.1513	0.0465	0.0021	0.0322	0.0795	0.0097	0.0039	0.0010	0.1212	0.3470
16	2025	ALT2	EB	PM	Mainline	0.95	1.24	26.56	5.11	8575	6244	0.0931	0.0859	0.0285	0.0013	0.0204	0.0499	0.0059	0.0025	0.0006	0.0655	0.2229
17	2025	ALT2	EB	PM	Mainline	1.64	2.13	44.77	8.88	14671	10739	0.1620	0.1494	0.0486	0.0022	0.0381	0.0915	0.0099	0.0043	0.0011	0.1145	0.4286
18	2025	ALT2	EB	PM	Mainline	1.23	1.58	33.06	6.71	11022	8047	0.1330	0.1226	0.0367	0.0017	0.0252	0.0623	0.0077	0.0031	0.0008	0.0997	0.2697
19	2025	ALT2	EB	PM	Mainline	0.97	1.23	24.86	5.09	8474	6166	0.1066	0.0983	0.0290	0.0014	0.0179	0.0453	0.0062	0.0023	0.0007	0.0813	0.1828
20	2025	ALT2	EB	PM	Mainline	2.08	2.66	56.07	11.15	18549	13505	0.2186	0.2016	0.0621	0.0029	0.0410	0.1024	0.0130	0.0052	0.0014	0.1619	0.4342
21	2025	ALT2	EB	PM	Mainline	0.23	0.30	6.20	1.20	2045	1482	0.0237	0.0219	0.0069	0.0003	0.0042	0.0107	0.0015	0.0006	0.0002	0.0174	0.0428
22	2025	ALT2	EB	PM	Mainline	0.90	1.15	23.19	4.36	7697	5528	0.0857	0.0790	0.0272	0.0013	0.0139	0.0371	0.0059	0.0022	0.0006	0.0616	0.1308
23	2025	ALT2	EB	PM	Mainline	0.94	1.20	24.62	4.61	8123	5839	0.0900	0.0830	0.0284	0.0014	0.0149	0.0395	0.0061	0.0023	0.0006	0.0646	0.1423
24	2025	ALT2	EB	PM	Mainline	0.84	1.07	21.10	3.91	7047	5039	0.0766	0.0706	0.0255	0.0013	0.0120	0.0327	0.0056	0.0020	0.0005	0.0542	0.1068
25	2025	ALT2	EB	PM	Mainline	0.52	0.67	14.30	2.54	4559	3263	0.0464	0.0428	0.0158	0.0008	0.0081	0.0215	0.0034	0.0013	0.0003	0.0317	0.0762
26	2025	ALT2	EB	PM	Mainline	4.56	5.85	122.16	21.58	39299	28047	0.3965	0.3657	0.1387	0.0068	0.0665	0.1807	0.0302	0.0115	0.0027	0.2699	0.6036
27	2025	ALT2	EB	PM	Mainline	3.80	4.84	94.08	17.01	31426	22380	0.3292	0.3036	0.1159	0.0058	0.0508	0.1418	0.0255	0.0092	0.0022	0.2284	0.4317
28	2025	ALT2	EB	PM	Mainline	2.13	2.72	54.17	9.76	17875	12739	0.1852	0.1708	0.0649	0.0032	0.0292	0.0809	0.0142	0.0052	0.0013	0.1278	0.2538
29	2025	ALT2	EB	PM	Mainline	1.46	1.86	36.58	6.50	12109	8605	0.1226	0.1131	0.0447	0.0022	0.0191	0.0537	0.0098	0.0036	0.0008	0.0835	0.1595
30	2025	ALT2	EB	PM	Mainline	2.57	3.26	61.54	11.02	20801	14777	0.2163	0.1995	0.0785	0.0039	0.0325	0.0925	0.0174	0.0061	0.0015	0.1493	0.2645
31	2025	ALT2	EB	PM	Mainline	1.84	2.34	45.33	8.06	15101	10729	0.1540	0.1420	0.0561	0.0028	0.0237	0.0670	0.0124	0.0044	0.0010	0.1052	0.1961
32	2025	ALT2	EB	PM	Mainline	1.89	2.42	49.22	8.79	16070	11458	0.1646	0.1518	0.0577	0.0028	0.0266	0.0732	0.0126	0.0047	0.0011	0.1129	0.2354
33	2025	ALT2	EB	PM	Mainline	1.74	2.22	44.86	8.01	14686	10465	0.1502	0.1385	0.0530	0.0026	0.0241	0.0665	0.0116	0.0043	0.0010	0.1029	0.2106
34	2025	ALT2	EB	PM	Mainline	1.98	2.53	50.71	9.35	16814	12029	0.1814	0.1673	0.0603	0.0030	0.0289	0.0785	0.0132	0.0048	0.0012	0.1282	0.2612
35	2025	ALT2	EB	PM	Mainline	1.12	1.42	27.64	5.00	9242	6581	0.0969	0.0894	0.0341	0.0017	0.0149	0.0417	0.0075	0.0027	0.0007	0.0672	0.1266
36	2025	ALT2	EB	PM	Mainline	1.34	1.71	33.17	5.99	11084	7892	0.1160	0.1070	0.0409	0.0020	0.0179	0.0500	0.0090	0.0032	0.0008	0.0805	0.1517
37	2025	ALT2	EB	PM	Mainline	1.81	2.30	44.68	8.07	14928	10630	0.1563	0.1441	0.0551	0.0027	0.0241	0.0673	0.0121	0.0044	0.0011	0.1084	0.2044
38	2025	ALT2	EB	PM	Mainline	2.60	3.31	65.75	12.10	21873	15627	0.2346	0.2163	0.0791	0.0039	0.0369	0.1010	0.0173	0.0063	0.0016	0.1650	0.3269
39	2025	ALT2	EB	PM	Mainline	2.81	3.57	67.65	12.34	22932	16334	0.2460	0.2268	0.0858	0.0043	0.0370	0.1039	0.0189	0.0067	0.0016	0.1727	0.3107
40	2025	ALT2	EB	PM	Mainline	1.90	2.41	44.18	8.16	15242	10861	0.1686	0.1554	0.0579	0.0029	0.0246	0.0694	0.0128	0.0044	0.0011	0.1201	0.2039
41	2025	ALT2	EB	PM	Mainline	0.70	0.89	16.94	3.05	5721	4069	0.0601	0.0554	0.0215	0.0011	0.0091	0.0256	0.0047	0.0017	0.0004	0.0417	0.0749
42	2025	ALT2	EB	PM	Mainline	2.03	2.59	51.77	9.39	17105	12204	0.1793	0.1654	0.0618	0.0031	0.0284	0.0782	0.0135	0.0050	0.0012	0.1247	0.2497
43	2025	ALT2	EB	PM	Mainline	0.91	1.15	21.69	3.93	7362	5238	0.0782	0.0721	0.0277	0.0014	0.0117	0.0331	0.0061	0.0021	0.0005	0.0546	0.0966
44	2025	ALT2	EB	PM	Mainline	1.25	1.60	31.59	5.76	10501	7492	0.1111	0.1024	0.0382	0.0019	0.0174	0.0480	0.0084	0.0030	0.0007	0.0776	0.1516
45	2025	ALT2	EB	PM	Mainline	0.62	0.78	14.62	2.66	4984	3546	0.0533	0.0492	0.0188	0.0009	0.0079	0.0224	0.0042	0.0015	0.0004	0.0374	0.0651
46	2025	ALT2	EB	PM	Mainline	1.60	2.04	40.12	7.30	13368	9532	0.1411	0.1301	0.0489	0.0024	0.0220	0.0608	0.0107	0.0039	0.0009	0.0984	0.1899
47	2025	ALT2	EB	PM	Mainline	0.10	0.12	2.30	0.41	781	555	0.0082	0.0076	0.0030	0.0001	0.0012	0.0035	0.0007	0.0002	0.0001	0.0057	0.0099
48	2025	ALT2	EB	PM	Mainline	2.04	2.59	47.96	8.64	16372	11632	0.1730	0.1595	0.0624	0.0031	0.0256	0.0730	0.0138	0.0048	0.0012	0.1204	0.2063
49	2025	ALT2	EB	PM	Mainline	0.16	0.21	3.94	0.70	1320	938	0.0136	0.0125	0.0049	0.0002	0.0021	0.0059	0.0011	0.0004	0.0001	0.0093	0.0170
50	2025	ALT2	EB	PM	Mainline	2.53	3.22	60.80	11.14	20649	14716	0.2232	0.2059	0.0772	0.0038	0.0336	0.0939	0.0170	0.0060	0.0015	0.1574	0.2828
51	2025	ALT2	EB	PM	Mainline	0.39	0.50	10.17	1.77	3288	2335	0.0320	0.0295	0.0119	0.0006	0.0052	0.0145	0.0026	0.0010	0.0002	0.0213	0.0443
52	2025	ALT2	EB	PM	Mainline	0.54	0.70	14.72	2.50	4664	3312	0.0441	0.0406	0.0166	0.0008	0.0074	0.0206	0.0036	0.0014	0.0003	0.0288	0.0645
53	2025	ALT2	EB	PM	Mainline	0.41	0.53	11.61	1.96	3603	2566	0.0337	0.0311	0.0124	0.0006	0.0061	0.0165	0.0027	0.0011	0.0002	0.0217	0.0566
54	2025	ALT2	EB	PM	Mainline	2.33	3.06	69.66	11.13	20910	14889	0.1786	0.1649	0.0709	0.0034	0.0384	0.1010	0.0152	0.0067	0.0014	0.1033	0.3796
55	2025	ALT2	EB	PM	Mainline	1.04	1.34	28.93	4.91	9065	6452	0.0859	0.0793	0.0316	0.0016	0.0150	0.0408	0.0069	0.0027	0.0006	0.0562	0.1355
56	2025	ALT2	EB	PM	Mainline	1.38	1.79	40.51	6.68	12297	8762	0.1097	0.1012	0.0418	0.0020	0.0218	0.0579	0.0090	0.0038	0.0008	0.0674	0.2102
57	2025	ALT2	EB	PM	Mainline	0.85	1.08	20.88	3.66	6947	4925	0.0692	0.0638	0.0260	0.0013	0.0106	0.0304	0.0058	0.0020	0.0005	0.0466	0.0856
58	2025	ALT2	EB	PM	Mainline	2.79	3.57	73.16	12.70	23611	16776	0.2302	0.2123	0.0851	0.0042	0.0375	0.1045	0.0187	0.0070	0.0016	0.1532	0.3215

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
59	2025	ALT2	EB	PM	Mainline	0.75	0.96	18.96	3.26	6199	4388	0.0592	0.0547	0.0230	0.0012	0.0093	0.0267	0.0051	0.0018	0.0004	0.0389	0.0748
60	2025	ALT2	EB	PM	Mainline	2.97	3.83	83.50	13.75	25891	18354	0.2330	0.2150	0.0908	0.0045	0.0404	0.1124	0.0199	0.0077	0.0017	0.1470	0.3518
61	2025	ALT2	EB	PM	Mainline	0.72	0.91	18.33	3.11	5937	4196	0.0550	0.0507	0.0219	0.0011	0.0087	0.0252	0.0049	0.0018	0.0004	0.0354	0.0691
62	2025	ALT2	EB	PM	Mainline	1.59	2.02	38.51	6.58	12787	9032	0.1216	0.1122	0.0487	0.0025	0.0186	0.0544	0.0108	0.0038	0.0009	0.0795	0.1420
63	2025	ALT2	EB	PM	Mainline	0.60	0.76	14.25	2.53	4809	3412	0.0491	0.0453	0.0182	0.0009	0.0074	0.0212	0.0040	0.0014	0.0003	0.0336	0.0590
64	2025	ALT2	EB	PM	Mainline	1.90	2.41	46.46	8.31	15548	11051	0.1602	0.1478	0.0580	0.0029	0.0245	0.0692	0.0128	0.0046	0.0011	0.1101	0.2030
65	2025	ALT2	EB	PM	Mainline	0.60	0.77	15.50	2.70	5052	3585	0.0493	0.0455	0.0185	0.0009	0.0078	0.0221	0.0041	0.0015	0.0003	0.0328	0.0651
66	2025	ALT2	EB	PM	Mainline	0.19	0.25	5.11	0.93	1665	1194	0.0177	0.0164	0.0058	0.0003	0.0030	0.0079	0.0013	0.0005	0.0001	0.0125	0.0278
67	2025	ALT2	EB	PM	Mainline	1.40	1.79	37.07	7.05	12242	8828	0.1387	0.1279	0.0423	0.0020	0.0235	0.0612	0.0091	0.0035	0.0009	0.1008	0.2300
68	2025	ALT2	EB	PM	Mainline	1.09	1.38	26.63	5.15	9098	6537	0.1066	0.0983	0.0329	0.0016	0.0163	0.0439	0.0072	0.0026	0.0007	0.0784	0.1496
69	2025	ALT2	EB	PM	Mainline	2.53	3.22	64.15	12.66	21747	15711	0.2610	0.2406	0.0763	0.0037	0.0419	0.1095	0.0164	0.0061	0.0017	0.1945	0.4077
70	2025	ALT2	EB	PM	Mainline	1.74	2.20	39.08	7.79	13967	10038	0.1763	0.1626	0.0529	0.0026	0.0247	0.0676	0.0116	0.0040	0.0011	0.1334	0.2174
71	2025	ALT2	EB	PM	Mainline	2.18	2.76	50.07	10.27	17877	12912	0.2339	0.2156	0.0659	0.0032	0.0335	0.0893	0.0143	0.0050	0.0014	0.1800	0.3095
72	2025	ALT2	EB	PM	Mainline	2.31	2.91	49.91	10.01	18081	12993	0.2331	0.2149	0.0701	0.0035	0.0320	0.0881	0.0154	0.0051	0.0014	0.1773	0.2763
73	2025	ALT2	EB	PM	Ramp	0.15	0.21	2.51	0.32	1028	709	0.0085	0.0079	0.0047	0.0002	0.0017	0.0052	0.0010	0.0006	0.0001	0.0013	0.0150
74	2025	ALT2	EB	PM	Ramp	0.08	0.11	1.29	0.21	530	374	0.0049	0.0045	0.0024	0.0001	0.0017	0.0041	0.0005	0.0003	0.0000	0.0016	0.0187
75	2025	ALT2	EB	PM	Ramp	0.21	0.30	2.52	0.34	1293	889	0.0125	0.0116	0.0067	0.0003	0.0028	0.0081	0.0014	0.0010	0.0001	0.0014	0.0267
76	2025	ALT2	EB	PM	Ramp	0.16	0.23	2.52	0.35	1090	754	0.0096	0.0089	0.0052	0.0003	0.0024	0.0067	0.0011	0.0007	0.0001	0.0017	0.0237
77	2025	ALT2	EB	PM	Ramp	0.22	0.31	2.84	0.39	1378	950	0.0130	0.0120	0.0069	0.0003	0.0031	0.0087	0.0015	0.0010	0.0001	0.0017	0.0297
78	2025	ALT2	EB	PM	Ramp	0.13	0.18	1.73	0.30	797	560	0.0077	0.0071	0.0040	0.0002	0.0030	0.0073	0.0008	0.0005	0.0001	0.0020	0.0342
79	2025	ALT2	EB	PM	Ramp	0.25	0.36	2.93	0.41	1523	1049	0.0150	0.0139	0.0079	0.0004	0.0036	0.0101	0.0017	0.0012	0.0002	0.0017	0.0354
80	2025	ALT2	EB	PM	Ramp	0.22	0.31	3.79	0.52	1532	1063	0.0130	0.0120	0.0069	0.0003	0.0033	0.0091	0.0015	0.0009	0.0001	0.0028	0.0325
81	2025	ALT2	EB	PM	Ramp	0.33	0.46	7.24	0.93	2563	1774	0.0194	0.0180	0.0103	0.0005	0.0036	0.0110	0.0023	0.0013	0.0002	0.0044	0.0291
82	2025	ALT2	EB	PM	Ramp	0.14	0.20	2.99	0.38	1086	751	0.0084	0.0077	0.0045	0.0002	0.0016	0.0049	0.0010	0.0006	0.0001	0.0018	0.0135
83	2025	ALT2	EB	PM	Ramp	0.03	0.04	0.71	0.13	243	176	0.0024	0.0022	0.0009	0.0000	0.0006	0.0016	0.0002	0.0001	0.0000	0.0014	0.0072
84	2025	ALT2	EB	PM	Ramp	0.07	0.10	1.98	0.26	609	424	0.0043	0.0040	0.0022	0.0001	0.0008	0.0025	0.0005	0.0003	0.0000	0.0014	0.0068
85	2025	ALT2	EB	PM	Ramp	0.14	0.19	4.07	0.58	1250	879	0.0095	0.0088	0.0045	0.0002	0.0021	0.0057	0.0010	0.0005	0.0001	0.0040	0.0194
86	2025	ALT2	EB	PM	Ramp	0.29	0.40	5.50	0.82	2109	1480	0.0181	0.0168	0.0090	0.0004	0.0050	0.0131	0.0019	0.0011	0.0002	0.0057	0.0516
87	2025	ALT2	EB	PM	Ramp	0.11	0.15	1.96	0.26	768	533	0.0063	0.0059	0.0034	0.0002	0.0015	0.0042	0.0007	0.0004	0.0001	0.0014	0.0145
88	2025	ALT2	EB	PM	Ramp	0.14	0.19	2.95	0.38	1059	733	0.0081	0.0075	0.0043	0.0002	0.0016	0.0047	0.0009	0.0006	0.0001	0.0018	0.0129
89	2025	ALT2	EB	PM	Ramp	0.07	0.10	1.16	0.16	472	328	0.0040	0.0037	0.0021	0.0001	0.0011	0.0029	0.0005	0.0003	0.0000	0.0009	0.0106
90	2025	ALT2	EB	PM	Ramp	0.27	0.38	3.71	0.60	1679	1174	0.0158	0.0147	0.0083	0.0004	0.0055	0.0138	0.0017	0.0011	0.0002	0.0038	0.0611
91	2025	ALT2	EB	PM	Ramp	0.08	0.10	1.75	0.35	629	459	0.0065	0.0060	0.0023	0.0001	0.0018	0.0044	0.0005	0.0002	0.0000	0.0038	0.0211
92	2025	ALT2	EB	PM	Ramp	0.29	0.42	3.43	0.53	1734	1204	0.0172	0.0159	0.0091	0.0004	0.0057	0.0145	0.0019	0.0013	0.0002	0.0029	0.0621
93	2025	ALT2	EB	PM	Ramp	1.43	1.88	31.63	7.28	11789	8752	0.1367	0.1261	0.0417	0.0017	0.0412	0.0949	0.0082	0.0040	0.0009	0.0930	0.4935
94	2025	ALT2	EB	PM	Ramp	0.59	0.81	11.91	1.96	4463	3167	0.0405	0.0374	0.0180	0.0008	0.0109	0.0279	0.0038	0.0021	0.0004	0.0165	0.1162
95	2025	ALT2	EB	PM	Ramp	0.29	0.40	3.78	0.59	1768	1231	0.0168	0.0155	0.0089	0.0004	0.0055	0.0140	0.0018	0.0012	0.0002	0.0034	0.0595
96	2025	ALT2	EB	PM	Ramp	0.11	0.14	3.26	0.46	950	666	0.0068	0.0063	0.0033	0.0002	0.0014	0.0040	0.0007	0.0003	0.0001	0.0029	0.0125
97	2025	ALT2	EB	PM	Ramp	0.06	0.08	1.40	0.31	517	382	0.0058	0.0054	0.0018	0.0001	0.0017	0.0040	0.0004	0.0002	0.0000	0.0038	0.0206
98	2025	ALT2	EB	PM	Ramp	0.10	0.14	2.63	0.41	855	606	0.0071	0.0066	0.0031	0.0001	0.0017	0.0045	0.0007	0.0003	0.0001	0.0033	0.0172
99	2025	ALT2	EB	PM	Ramp	0.13	0.17	3.31	0.52	1070	760	0.0090	0.0083	0.0038	0.0002	0.0022	0.0056	0.0008	0.0004	0.0001	0.0043	0.0221
100	2025	ALT2	EB	PM	Ramp	0.18	0.24	4.86	0.68	1521	1065	0.0113	0.0105	0.0055	0.0003	0.0024	0.0067	0.0012	0.0006	0.0001	0.0042	0.0215
101	2025	ALT2	EB	PM	Ramp	0.09	0.12	2.74	0.39	818	575	0.0061	0.0056	0.0029	0.0001	0.0013	0.0036	0.0006	0.0003	0.0001	0.0027	0.0121
102	2025	ALT2	EB	PM	Ramp	0.06	0.08	1.73	0.24	527	370	0.0039	0.0036	0.0019	0.0001	0.0008	0.0023	0.0004	0.0002	0.0000	0.0015	0.0075
103	2025	ALT2	EB	PM	Ramp	0.05	0.07	1.51	0.19	438	303	0.0028	0.0026	0.0016	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0008	0.0037
104	2025	ALT2	EB	PM	Ramp	0.10	0.14	2.23	0.30	798	555	0.0063	0.0058	0.0032	0.0002	0.0013	0.0037	0.0007	0.0004	0.0001	0.0016	0.0111
105	2025	ALT2	EB	PM	Ramp	0.16	0.23	3.14	0.42	1193	828	0.0097	0.0090	0.0051	0.0003	0.0022	0.0063	0.0011	0.0007	0.0001	0.0023	0.0210
106	2025	ALT2	EB	PM	Ramp	0.04	0.05	0.50	0.07	241	165	0.0022	0.0021	0.0012	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0002	0.0039

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
107	2025	ALT2	EB	PM	Ramp																	
108	2025	ALT2	EB	PM	Ramp																	
109	2025	ALT2	EB	PM	Ramp	0.12	0.17	3.01	0.40	994	692	0.0074	0.0069	0.0038	0.0002	0.0014	0.0042	0.0008	0.0005	0.0001	0.0023	0.0122
110	2025	ALT2	EB	PM	Ramp	0.20	0.27	4.20	0.56	1518	1055	0.0120	0.0111	0.0062	0.0003	0.0025	0.0073	0.0013	0.0008	0.0001	0.0031	0.0223
111	2025	ALT2	EB	PM	Ramp	0.05	0.07	1.42	0.21	431	304	0.0033	0.0031	0.0015	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0015	0.0070
112	2025	ALT2	EB	PM	Ramp	0.21	0.30	4.39	0.56	1610	1113	0.0124	0.0115	0.0067	0.0003	0.0024	0.0073	0.0015	0.0009	0.0001	0.0025	0.0200
113	2025	ALT2	EB	PM	Ramp	0.10	0.15	2.48	0.31	850	587	0.0062	0.0057	0.0033	0.0002	0.0010	0.0033	0.0007	0.0004	0.0001	0.0013	0.0073
114	2025	ALT2	EB	PM	Ramp	0.11	0.15	2.25	0.28	824	568	0.0063	0.0058	0.0034	0.0002	0.0012	0.0036	0.0008	0.0005	0.0001	0.0012	0.0091
115	2025	ALT2	EB	PM	Ramp																	
116	2025	ALT2	EB	PM	Ramp	0.09	0.12	1.82	0.23	666	461	0.0051	0.0048	0.0028	0.0001	0.0010	0.0030	0.0006	0.0004	0.0001	0.0011	0.0085
117	2025	ALT2	EB	PM	Ramp	0.07	0.09	1.60	0.23	543	381	0.0043	0.0040	0.0021	0.0001	0.0009	0.0025	0.0004	0.0003	0.0000	0.0015	0.0082
118	2025	ALT2	EB	PM	Ramp	0.10	0.14	2.24	0.26	777	534	0.0055	0.0051	0.0031	0.0002	0.0008	0.0028	0.0007	0.0004	0.0001	0.0009	0.0051
119	2025	ALT2	EB	PM	Ramp	0.07	0.09	1.77	0.26	579	408	0.0046	0.0043	0.0021	0.0001	0.0010	0.0028	0.0005	0.0002	0.0000	0.0019	0.0101
120	2025	ALT2	EB	PM	Ramp	0.08	0.11	1.81	0.21	623	428	0.0044	0.0041	0.0025	0.0001	0.0006	0.0022	0.0006	0.0003	0.0000	0.0007	0.0038
121	2025	ALT2	EB	PM	Ramp	0.16	0.21	4.79	0.67	1414	993	0.0103	0.0095	0.0049	0.0002	0.0022	0.0061	0.0011	0.0005	0.0001	0.0044	0.0195
122	2025	ALT2	EB	PM	Ramp	1.44	1.99	35.71	4.96	11908	8323	0.0920	0.0851	0.0451	0.0023	0.0186	0.0535	0.0098	0.0054	0.0009	0.0306	0.1658
123	2025	ALT2	EB	PM	Ramp	0.71	0.96	19.52	2.92	6109	4315	0.0485	0.0448	0.0218	0.0011	0.0110	0.0297	0.0047	0.0024	0.0004	0.0217	0.1079
124	2025	ALT2	EB	PM	Ramp	0.13	0.19	1.59	0.22	810	557	0.0078	0.0072	0.0041	0.0002	0.0017	0.0049	0.0009	0.0006	0.0001	0.0008	0.0159
125	2025	ALT2	EB	PM	Ramp	0.11	0.15	2.10	0.35	813	576	0.0074	0.0069	0.0034	0.0002	0.0022	0.0056	0.0007	0.0004	0.0001	0.0029	0.0247
126	2025	ALT2	EB	PM	Ramp	0.08	0.11	1.36	0.17	545	375	0.0044	0.0041	0.0024	0.0001	0.0009	0.0026	0.0005	0.0003	0.0000	0.0007	0.0072
127	2025	ALT2	EB	PM	Ramp	0.24	0.33	3.32	0.54	1482	1037	0.0139	0.0129	0.0073	0.0003	0.0049	0.0122	0.0015	0.0009	0.0001	0.0034	0.0538
128	2025	ALT2	EB	PM	Ramp	0.05	0.07	0.95	0.11	367	250	0.0028	0.0026	0.0016	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0015
129	2025	ALT2	EB	PM	Ramp	0.16	0.22	3.39	0.48	1226	857	0.0100	0.0092	0.0049	0.0002	0.0022	0.0062	0.0011	0.0006	0.0001	0.0030	0.0208
130	2025	ALT2	EB	PM	Ramp	0.11	0.16	3.34	0.40	997	687	0.0063	0.0058	0.0036	0.0002	0.0010	0.0034	0.0008	0.0004	0.0001	0.0014	0.0064
131	2025	ALT2	EB	PM	Ramp	0.14	0.19	3.58	0.55	1191	841	0.0098	0.0091	0.0044	0.0002	0.0023	0.0061	0.0009	0.0005	0.0001	0.0042	0.0225
132	2025	ALT2	EB	PM	Ramp	0.13	0.18	3.67	0.43	1113	765	0.0070	0.0065	0.0041	0.0002	0.0011	0.0037	0.0009	0.0005	0.0001	0.0014	0.0064
133	2025	ALT2	EB	PM	Ramp	0.21	0.29	4.76	0.66	1677	1170	0.0133	0.0123	0.0066	0.0003	0.0027	0.0078	0.0014	0.0008	0.0001	0.0040	0.0238
134	2025	ALT2	EB	PM	Ramp	0.66	0.90	19.19	2.35	5727	3957	0.0370	0.0342	0.0208	0.0011	0.0064	0.0206	0.0046	0.0024	0.0004	0.0095	0.0450
135	2025	ALT2	EB	PM	Ramp	0.22	0.30	4.34	0.61	1623	1133	0.0134	0.0124	0.0068	0.0003	0.0032	0.0089	0.0015	0.0009	0.0001	0.0037	0.0313
136	2025	ALT2	EB	PM	Ramp	0.07	0.09	1.20	0.14	479	328	0.0038	0.0035	0.0021	0.0001	0.0006	0.0020	0.0005	0.0003	0.0000	0.0005	0.0044
137	2025	ALT2	EB	PM	Ramp	1.40	1.85	31.29	6.64	11467	8421	0.1243	0.1147	0.0414	0.0018	0.0366	0.0859	0.0082	0.0041	0.0009	0.0784	0.4286
138	2025	ALT2	EB	PM	Ramp																	
139	2025	ALT2	EB	PM	Ramp	0.10	0.14	2.06	0.25	759	522	0.0057	0.0053	0.0032	0.0002	0.0010	0.0032	0.0007	0.0004	0.0001	0.0009	0.0073
140	2025	ALT2	EB	PM	Ramp	0.36	0.52	4.84	0.63	2328	1597	0.0215	0.0199	0.0115	0.0006	0.0040	0.0123	0.0025	0.0017	0.0002	0.0022	0.0337
141	2025	ALT2	EB	PM	Ramp	0.03	0.05	1.04	0.12	302	207	0.0018	0.0017	0.0011	0.0001	0.0003	0.0010	0.0002	0.0001	0.0000	0.0003	0.0014
142	2025	ALT2	EB	PM	Ramp	0.31	0.44	4.74	0.60	2090	1432	0.0180	0.0167	0.0099	0.0005	0.0029	0.0096	0.0022	0.0014	0.0002	0.0018	0.0214
143	2025	ALT2	EB	PM	Ramp	0.08	0.12	2.57	0.29	739	506	0.0042	0.0039	0.0027	0.0001	0.0006	0.0022	0.0006	0.0003	0.0000	0.0006	0.0026
144	2025	ALT2	EB	PM	HOV	0.24	0.33	7.37	0.78	2100	1430	0.0113	0.0105	0.0076	0.0004	0.0014	0.0057	0.0017	0.0009	0.0001	0.0009	0.0025
145	2025	ALT2	EB	PM	HOV	0.63	0.87	19.46	2.07	5544	3774	0.0298	0.0276	0.0201	0.0011	0.0036	0.0150	0.0046	0.0024	0.0004	0.0023	0.0066
146	2025	ALT2	EB	PM	HOV	0.03	0.04	0.84	0.09	239	163	0.0013	0.0012	0.0009	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0003
147	2025	ALT2	EB	PM	HOV	0.53	0.74	16.45	1.75	4688	3191	0.0252	0.0234	0.0170	0.0009	0.0031	0.0127	0.0038	0.0020	0.0003	0.0019	0.0056
148	2025	ALT2	EB	PM	HOV	0.19	0.27	5.98	0.64	1705	1160	0.0092	0.0085	0.0062	0.0003	0.0011	0.0046	0.0014	0.0007	0.0001	0.0007	0.0020
149	2025	ALT2	EB	PM	HOV	0.32	0.44	9.86	1.05	2810	1913	0.0151	0.0140	0.0102	0.0005	0.0018	0.0076	0.0023	0.0012	0.0002	0.0012	0.0034
150	2025	ALT2	EB	PM	HOV	0.31	0.43	10.59	1.16	2835	1931	0.0136	0.0126	0.0100	0.0005	0.0019	0.0075	0.0023	0.0011	0.0002	0.0012	0.0032
151	2025	ALT2	EB	PM	HOV	0.42	0.57	14.30	1.56	3828	2606	0.0183	0.0170	0.0135	0.0007	0.0025	0.0101	0.0031	0.0015	0.0002	0.0016	0.0043
152	2025	ALT2	EB	PM	HOV	0.34	0.46	11.35	1.24	3036	2067	0.0145	0.0135	0.0107	0.0006	0.0020	0.0080	0.0024	0.0012	0.0002	0.0013	0.0034
153	2025	ALT2	EB	PM	HOV	0.10	0.13	3.03	0.36	831	566	0.0036	0.0033	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0008
154	2025	ALT2	EB	PM	HOV	0.18	0.24	5.79	0.69	1589	1082	0.0069	0.0064	0.0058	0.0003	0.0011	0.0044	0.0013	0.0005	0.0001	0.0007	0.0015

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
155	2025	ALT2	EB	PM	HOV	0.14	0.18	4.30	0.51	1181	804	0.0051	0.0047	0.0043	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0011
156	2025	ALT2	EB	PM	HOV	0.11	0.14	3.38	0.40	929	633	0.0040	0.0037	0.0034	0.0002	0.0006	0.0026	0.0008	0.0003	0.0000	0.0004	0.0009
157	2025	ALT2	EB	PM	HOV	0.19	0.25	5.95	0.71	1635	1113	0.0071	0.0065	0.0060	0.0003	0.0011	0.0045	0.0014	0.0006	0.0001	0.0008	0.0016
158	2025	ALT2	EB	PM	HOV	0.22	0.29	6.86	0.81	1884	1283	0.0081	0.0075	0.0069	0.0004	0.0013	0.0052	0.0016	0.0006	0.0001	0.0009	0.0018
159	2025	ALT2	EB	PM	HOV	0.12	0.16	3.93	0.47	1078	734	0.0047	0.0043	0.0039	0.0002	0.0007	0.0030	0.0009	0.0004	0.0001	0.0005	0.0010
160	2025	ALT2	EB	PM	HOV	0.23	0.31	7.32	0.87	2009	1368	0.0087	0.0080	0.0073	0.0004	0.0014	0.0056	0.0017	0.0007	0.0001	0.0009	0.0020
161	2025	ALT2	EB	PM	HOV	0.13	0.17	4.27	0.50	1156	787	0.0051	0.0047	0.0042	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0012
162	2025	ALT2	EB	PM	HOV	0.09	0.13	3.06	0.36	829	565	0.0036	0.0034	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0008
163	2025	ALT2	EB	PM	HOV	0.22	0.30	7.25	0.85	1963	1337	0.0086	0.0080	0.0071	0.0004	0.0013	0.0054	0.0016	0.0007	0.0001	0.0009	0.0020
164	2025	ALT2	EB	PM	HOV	0.02	0.03	0.73	0.09	197	134	0.0009	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0002
165	2025	ALT2	EB	PM	HOV	0.11	0.14	3.39	0.40	919	626	0.0040	0.0037	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0009
166	2025	ALT2	EB	PM	HOV	0.13	0.17	4.19	0.49	1135	773	0.0050	0.0046	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0011
167	2025	ALT2	EB	PM	HOV	0.09	0.12	2.96	0.35	802	546	0.0035	0.0033	0.0029	0.0002	0.0005	0.0022	0.0007	0.0003	0.0000	0.0004	0.0008
168	2025	ALT2	EB	PM	HOV	0.06	0.08	1.92	0.23	521	355	0.0023	0.0021	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
169	2025	ALT2	EB	PM	HOV	0.54	0.71	17.49	2.05	4736	3226	0.0207	0.0192	0.0171	0.0009	0.0032	0.0129	0.0039	0.0016	0.0002	0.0021	0.0047
170	2025	ALT2	EB	PM	HOV	0.39	0.52	12.63	1.48	3422	2331	0.0150	0.0139	0.0123	0.0007	0.0023	0.0093	0.0028	0.0012	0.0002	0.0015	0.0034
171	2025	ALT2	EB	PM	HOV	0.16	0.21	4.27	0.54	1267	863	0.0054	0.0050	0.0050	0.0003	0.0010	0.0038	0.0011	0.0004	0.0001	0.0006	0.0011
172	2025	ALT2	EB	PM	HOV	0.09	0.12	2.50	0.31	741	505	0.0031	0.0029	0.0029	0.0002	0.0006	0.0022	0.0007	0.0002	0.0000	0.0004	0.0007
173	2025	ALT2	EB	PM	HOV	0.17	0.21	4.44	0.56	1317	897	0.0056	0.0052	0.0052	0.0003	0.0010	0.0040	0.0012	0.0004	0.0001	0.0007	0.0012
174	2025	ALT2	EB	PM	HOV	0.12	0.15	3.14	0.40	932	635	0.0039	0.0037	0.0037	0.0002	0.0007	0.0028	0.0008	0.0003	0.0000	0.0005	0.0008
175	2025	ALT2	EB	PM	HOV	0.14	0.18	3.76	0.47	1114	759	0.0047	0.0044	0.0044	0.0002	0.0009	0.0033	0.0010	0.0004	0.0001	0.0006	0.0010
176	2025	ALT2	EB	PM	HOV	0.12	0.16	3.28	0.41	974	664	0.0041	0.0038	0.0038	0.0002	0.0007	0.0029	0.0009	0.0003	0.0000	0.0005	0.0009
177	2025	ALT2	EB	PM	HOV	0.17	0.22	4.47	0.56	1326	903	0.0056	0.0052	0.0052	0.0003	0.0010	0.0040	0.0012	0.0004	0.0001	0.0007	0.0012
178	2025	ALT2	EB	PM	HOV	0.08	0.10	2.17	0.27	643	438	0.0027	0.0025	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0006
179	2025	ALT2	EB	PM	HOV	0.09	0.12	3.02	0.34	803	547	0.0036	0.0034	0.0028	0.0002	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0008
180	2025	ALT2	EB	PM	HOV	0.12	0.16	4.06	0.46	1082	737	0.0049	0.0045	0.0038	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0011
181	2025	ALT2	EB	PM	HOV	0.21	0.27	6.91	0.78	1840	1253	0.0083	0.0077	0.0065	0.0003	0.0012	0.0049	0.0015	0.0007	0.0001	0.0008	0.0019
182	2025	ALT2	EB	PM	HOV	0.19	0.26	6.48	0.73	1724	1174	0.0078	0.0072	0.0061	0.0003	0.0011	0.0046	0.0014	0.0006	0.0001	0.0008	0.0018
183	2025	ALT2	EB	PM	HOV	0.14	0.19	4.70	0.53	1250	852	0.0057	0.0052	0.0044	0.0002	0.0008	0.0033	0.0010	0.0005	0.0001	0.0005	0.0013
184	2025	ALT2	EB	PM	HOV	0.05	0.06	1.62	0.18	433	295	0.0020	0.0018	0.0015	0.0001	0.0003	0.0012	0.0003	0.0002	0.0000	0.0002	0.0005
185	2025	ALT2	EB	PM	HOV	0.16	0.21	5.37	0.61	1430	974	0.0065	0.0060	0.0051	0.0003	0.0009	0.0038	0.0012	0.0005	0.0001	0.0006	0.0015
186	2025	ALT2	EB	PM	HOV	0.06	0.08	2.12	0.24	565	385	0.0026	0.0024	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0002	0.0006
187	2025	ALT2	EB	PM	HOV	0.10	0.13	3.35	0.38	893	608	0.0040	0.0037	0.0032	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0009
188	2025	ALT2	EB	PM	HOV	0.04	0.06	1.46	0.17	389	265	0.0018	0.0016	0.0014	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0004
189	2025	ALT2	EB	PM	HOV	0.13	0.17	4.31	0.49	1147	781	0.0052	0.0048	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0012
190	2025	ALT2	EB	PM	HOV	0.01	0.01	0.23	0.03	61	41	0.0003	0.0003	0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
191	2025	ALT2	EB	PM	HOV	0.18	0.23	4.85	0.61	1414	963	0.0060	0.0056	0.0055	0.0003	0.0011	0.0042	0.0013	0.0005	0.0001	0.0007	0.0013
192	2025	ALT2	EB	PM	HOV	0.01	0.02	0.39	0.05	113	77	0.0005	0.0004	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
193	2025	ALT2	EB	PM	HOV	0.27	0.35	7.54	0.94	2199	1498	0.0093	0.0086	0.0085	0.0005	0.0016	0.0065	0.0020	0.0007	0.0001	0.0011	0.0020
194	2025	ALT2	EB	PM	HOV	0.03	0.04	0.88	0.11	256	174	0.0011	0.0010	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0002
195	2025	ALT2	EB	PM	HOV	0.04	0.05	1.04	0.13	302	206	0.0013	0.0012	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
196	2025	ALT2	EB	PM	HOV	0.03	0.04	0.87	0.11	254	173	0.0011	0.0010	0.0010	0.0001	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
197	2025	ALT2	EB	PM	HOV	0.18	0.24	5.06	0.63	1474	1004	0.0062	0.0058	0.0057	0.0003	0.0011	0.0043	0.0013	0.0005	0.0001	0.0007	0.0013
198	2025	ALT2	EB	PM	HOV	0.08	0.11	2.26	0.28	660	449	0.0028	0.0026	0.0026	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0006
199	2025	ALT2	EB	PM	HOV	0.16	0.22	5.23	0.62	1426	971	0.0062	0.0057	0.0052	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0014
200	2025	ALT2	EB	PM	HOV	0.08	0.11	2.69	0.32	734	500	0.0032	0.0030	0.0027	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0007
201	2025	ALT2	EB	PM	HOV	0.32	0.42	10.23	1.21	2790	1900	0.0121	0.0112	0.0101	0.0005	0.0019	0.0077	0.0023	0.0010	0.0001	0.0013	0.0027
202	2025	ALT2	EB	PM	HOV	0.07	0.10	2.37	0.28	648	441	0.0028	0.0026	0.0024	0.0001	0.0004	0.0018	0.0005	0.0002	0.0000	0.0003	0.0006

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
203	2025	ALT2	EB	PM	HOV	0.34	0.45	10.89	1.28	2970	2023	0.0129	0.0120	0.0108	0.0006	0.0020	0.0082	0.0025	0.0010	0.0001	0.0014	0.0029
204	2025	ALT2	EB	PM	HOV	0.07	0.09	2.30	0.27	627	427	0.0027	0.0025	0.0023	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
205	2025	ALT2	EB	PM	HOV	0.16	0.21	5.13	0.60	1397	952	0.0061	0.0056	0.0051	0.0003	0.0010	0.0038	0.0012	0.0005	0.0001	0.0006	0.0014
206	2025	ALT2	EB	PM	HOV	0.07	0.10	2.31	0.27	630	429	0.0027	0.0025	0.0023	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
207	2025	ALT2	EB	PM	HOV	0.26	0.35	8.43	0.99	2296	1564	0.0100	0.0093	0.0083	0.0004	0.0016	0.0063	0.0019	0.0008	0.0001	0.0010	0.0023
208	2025	ALT2	EB	PM	HOV	0.08	0.11	2.60	0.31	708	482	0.0031	0.0029	0.0026	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0007
209	2025	ALT2	EB	PM	HOV	0.02	0.03	0.66	0.08	181	123	0.0008	0.0007	0.0007	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0002
210	2025	ALT2	EB	PM	HOV	0.26	0.35	8.81	0.96	2355	1604	0.0112	0.0104	0.0083	0.0004	0.0015	0.0062	0.0019	0.0009	0.0001	0.0010	0.0026
211	2025	ALT2	EB	PM	HOV	0.18	0.24	6.08	0.67	1625	1107	0.0077	0.0072	0.0057	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0018
212	2025	ALT2	EB	PM	HOV	0.48	0.65	16.27	1.78	4349	2962	0.0207	0.0192	0.0153	0.0008	0.0028	0.0115	0.0035	0.0017	0.0002	0.0018	0.0049
213	2025	ALT2	EB	PM	HOV	0.28	0.38	9.36	1.02	2503	1704	0.0119	0.0111	0.0088	0.0005	0.0016	0.0066	0.0020	0.0010	0.0001	0.0011	0.0028
214	2025	ALT2	EB	PM	HOV																	
215	2025	ALT2	EB	PM	HOV																	
1	2025	ALT2	EB	NT	Mainline	1.12	1.37	20.15	8.94	10283	8162	0.3178	0.2925	0.0315	0.0012	0.0371	0.0827	0.0060	0.0020	0.0015	0.2989	0.4499
2	2025	ALT2	EB	NT	Mainline	2.84	3.47	50.67	23.32	26350	21006	0.8379	0.7713	0.0796	0.0030	0.0972	0.2155	0.0151	0.0051	0.0040	0.7911	1.1858
3	2025	ALT2	EB	NT	Mainline	0.14	0.17	2.53	1.04	1241	975	0.0364	0.0335	0.0039	0.0002	0.0042	0.0095	0.0008	0.0003	0.0002	0.0339	0.0502
4	2025	ALT2	EB	NT	Mainline	2.40	2.93	42.90	19.60	22225	17702	0.7031	0.6471	0.0674	0.0026	0.0816	0.1811	0.0128	0.0044	0.0033	0.6633	0.9942
5	2025	ALT2	EB	NT	Mainline	0.92	1.13	16.61	7.33	8452	6698	0.2623	0.2414	0.0261	0.0010	0.0301	0.0673	0.0050	0.0017	0.0012	0.2466	0.3632
6	2025	ALT2	EB	NT	Mainline	1.38	1.68	24.20	11.73	12934	10372	0.4292	0.3950	0.0385	0.0014	0.0491	0.1081	0.0072	0.0025	0.0020	0.4072	0.6027
7	2025	ALT2	EB	NT	Mainline	2.06	2.52	37.08	16.70	19064	15158	0.5958	0.5484	0.0580	0.0022	0.0694	0.1543	0.0111	0.0038	0.0028	0.5613	0.8438
8	2025	ALT2	EB	NT	Mainline	2.49	3.03	43.31	21.83	23645	19056	0.8048	0.7407	0.0692	0.0025	0.0921	0.2016	0.0128	0.0044	0.0038	0.7662	1.1393
9	2025	ALT2	EB	NT	Mainline	2.18	2.67	39.28	17.61	20148	16010	0.6278	0.5778	0.0615	0.0024	0.0731	0.1627	0.0118	0.0040	0.0030	0.5911	0.8876
10	2025	ALT2	EB	NT	Mainline	0.63	0.77	10.86	5.74	6088	4934	0.2144	0.1973	0.0175	0.0006	0.0244	0.0530	0.0032	0.0011	0.0010	0.2050	0.3036
11	2025	ALT2	EB	NT	Mainline	1.30	1.58	22.75	11.11	12213	9806	0.4064	0.3741	0.0361	0.0013	0.0467	0.1027	0.0068	0.0023	0.0019	0.3859	0.5749
12	2025	ALT2	EB	NT	Mainline	0.91	1.10	15.76	7.91	8585	6915	0.2917	0.2685	0.0252	0.0009	0.0333	0.0730	0.0047	0.0016	0.0014	0.2776	0.4115
13	2025	ALT2	EB	NT	Mainline	0.80	0.98	14.15	6.42	7307	5807	0.2336	0.2150	0.0225	0.0009	0.0263	0.0586	0.0043	0.0015	0.0011	0.2203	0.3173
14	2025	ALT2	EB	NT	Mainline	1.26	1.54	22.00	10.79	11832	9496	0.3993	0.3675	0.0353	0.0013	0.0448	0.0988	0.0066	0.0023	0.0019	0.3793	0.5502
15	2025	ALT2	EB	NT	Mainline	1.68	2.06	30.29	13.32	15384	12191	0.4747	0.4369	0.0475	0.0018	0.0548	0.1225	0.0091	0.0031	0.0023	0.4461	0.6619
16	2025	ALT2	EB	NT	Mainline	0.99	1.21	17.91	7.71	8998	7111	0.2727	0.2510	0.0280	0.0011	0.0316	0.0709	0.0054	0.0018	0.0013	0.2557	0.3802
17	2025	ALT2	EB	NT	Mainline	1.61	1.97	28.72	13.47	15085	12056	0.4853	0.4467	0.0452	0.0017	0.0565	0.1247	0.0085	0.0029	0.0023	0.4590	0.6915
18	2025	ALT2	EB	NT	Mainline	1.26	1.54	22.47	10.33	11682	9307	0.3735	0.3438	0.0355	0.0014	0.0428	0.0950	0.0068	0.0023	0.0018	0.3526	0.5206
19	2025	ALT2	EB	NT	Mainline	0.94	1.15	16.74	7.65	8670	6899	0.2772	0.2551	0.0265	0.0010	0.0315	0.0700	0.0051	0.0017	0.0013	0.2615	0.3815
20	2025	ALT2	EB	NT	Mainline	2.03	2.48	35.89	16.89	18886	15088	0.6153	0.5663	0.0570	0.0021	0.0702	0.1553	0.0108	0.0037	0.0029	0.5822	0.8564
21	2025	ALT2	EB	NT	Mainline	0.23	0.28	4.04	1.79	2059	1632	0.0643	0.0592	0.0064	0.0002	0.0073	0.0164	0.0012	0.0004	0.0003	0.0605	0.0883
22	2025	ALT2	EB	NT	Mainline	0.76	0.94	14.35	5.07	6566	5057	0.1697	0.1562	0.0221	0.0009	0.0198	0.0462	0.0045	0.0015	0.0008	0.1550	0.2256
23	2025	ALT2	EB	NT	Mainline	0.78	0.97	14.62	5.40	6826	5288	0.1833	0.1687	0.0226	0.0010	0.0213	0.0493	0.0045	0.0015	0.0009	0.1686	0.2467
24	2025	ALT2	EB	NT	Mainline	0.66	0.81	12.49	4.26	5620	4310	0.1402	0.1291	0.0192	0.0008	0.0165	0.0388	0.0039	0.0013	0.0007	0.1273	0.1863
25	2025	ALT2	EB	NT	Mainline	0.44	0.55	8.37	2.82	3746	2867	0.0924	0.0851	0.0128	0.0006	0.0109	0.0256	0.0026	0.0009	0.0005	0.0838	0.1221
26	2025	ALT2	EB	NT	Mainline	3.85	4.76	73.08	23.86	32326	24639	0.7776	0.7159	0.1126	0.0050	0.0910	0.2166	0.0232	0.0077	0.0040	0.7009	1.0097
27	2025	ALT2	EB	NT	Mainline	2.89	3.57	54.63	17.83	24179	18423	0.5825	0.5363	0.0845	0.0037	0.0679	0.1617	0.0174	0.0057	0.0030	0.5250	0.7510
28	2025	ALT2	EB	NT	Mainline	1.56	1.93	29.41	9.92	13198	10099	0.3281	0.3021	0.0455	0.0020	0.0381	0.0900	0.0093	0.0031	0.0017	0.2974	0.4265
29	2025	ALT2	EB	NT	Mainline	1.04	1.28	19.67	6.33	8659	6586	0.2059	0.1896	0.0304	0.0014	0.0240	0.0574	0.0063	0.0021	0.0011	0.1851	0.2644
30	2025	ALT2	EB	NT	Mainline	1.80	2.22	34.02	10.94	14965	11379	0.3553	0.3271	0.0526	0.0023	0.0414	0.0991	0.0109	0.0036	0.0018	0.3193	0.4559
31	2025	ALT2	EB	NT	Mainline	1.31	1.62	24.90	7.95	10918	8295	0.2574	0.2370	0.0385	0.0017	0.0301	0.0720	0.0080	0.0026	0.0013	0.2311	0.3302
32	2025	ALT2	EB	NT	Mainline	1.45	1.79	27.32	9.11	12201	9324	0.2999	0.2761	0.0422	0.0019	0.0349	0.0827	0.0087	0.0029	0.0015	0.2713	0.3896
33	2025	ALT2	EB	NT	Mainline	1.33	1.65	25.40	8.22	11191	8520	0.2666	0.2455	0.0391	0.0017	0.0313	0.0746	0.0081	0.0027	0.0014	0.2399	0.3463
34	2025	ALT2	EB	NT	Mainline	1.49	1.84	27.96	9.90	12810	9867	0.3322	0.3059	0.0433	0.0019	0.0386	0.0901	0.0088	0.0029	0.0017	0.3036	0.4397
35	2025	ALT2	EB	NT	Mainline	0.82	1.01	15.51	5.06	6860	5228	0.1649	0.1518	0.0239	0.0011	0.0193	0.0459	0.0049	0.0016	0.0008	0.1486	0.2140

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
36	2025	ALT2	EB	NT	Mainline	0.97	1.20	18.38	6.05	8158	6223	0.1976	0.1820	0.0284	0.0012	0.0231	0.0549	0.0058	0.0019	0.0010	0.1784	0.2568
37	2025	ALT2	EB	NT	Mainline	1.31	1.62	24.76	8.14	10988	8382	0.2662	0.2451	0.0382	0.0017	0.0311	0.0739	0.0079	0.0026	0.0014	0.2403	0.3459
38	2025	ALT2	EB	NT	Mainline	1.90	2.34	35.69	12.39	16211	12455	0.4132	0.3804	0.0552	0.0024	0.0481	0.1127	0.0112	0.0037	0.0021	0.3764	0.5443
39	2025	ALT2	EB	NT	Mainline	1.96	2.42	37.04	12.17	16431	12533	0.3980	0.3664	0.0572	0.0025	0.0465	0.1104	0.0118	0.0039	0.0020	0.3591	0.5161
40	2025	ALT2	EB	NT	Mainline	1.31	1.62	24.64	8.34	11082	8483	0.2767	0.2548	0.0382	0.0017	0.0320	0.0757	0.0078	0.0026	0.0014	0.2511	0.3590
41	2025	ALT2	EB	NT	Mainline	0.50	0.62	9.55	3.06	4191	3187	0.0990	0.0912	0.0147	0.0007	0.0116	0.0278	0.0030	0.0010	0.0005	0.0889	0.1279
42	2025	ALT2	EB	NT	Mainline	1.54	1.90	29.18	9.70	13000	9933	0.3175	0.2924	0.0449	0.0020	0.0372	0.0881	0.0092	0.0030	0.0016	0.2871	0.4159
43	2025	ALT2	EB	NT	Mainline	0.65	0.80	12.29	3.95	5398	4105	0.1278	0.1177	0.0189	0.0008	0.0150	0.0358	0.0039	0.0013	0.0007	0.1148	0.1651
44	2025	ALT2	EB	NT	Mainline	0.96	1.19	18.21	6.01	8091	6177	0.1964	0.1808	0.0280	0.0012	0.0230	0.0546	0.0058	0.0019	0.0010	0.1774	0.2569
45	2025	ALT2	EB	NT	Mainline	0.43	0.54	8.26	2.66	3635	2766	0.0865	0.0796	0.0127	0.0006	0.0101	0.0242	0.0026	0.0009	0.0004	0.0778	0.1117
46	2025	ALT2	EB	NT	Mainline	1.18	1.47	22.49	7.41	9985	7621	0.2421	0.2229	0.0346	0.0015	0.0284	0.0673	0.0071	0.0024	0.0012	0.2186	0.3162
47	2025	ALT2	EB	NT	Mainline	0.07	0.08	1.25	0.40	550	418	0.0130	0.0120	0.0019	0.0001	0.0015	0.0036	0.0004	0.0001	0.0001	0.0117	0.0168
48	2025	ALT2	EB	NT	Mainline	1.33	1.65	25.18	8.37	11230	8578	0.2754	0.2535	0.0390	0.0017	0.0320	0.0759	0.0080	0.0026	0.0014	0.2490	0.3569
49	2025	ALT2	EB	NT	Mainline	0.11	0.14	2.10	0.68	927	706	0.0221	0.0203	0.0032	0.0001	0.0026	0.0062	0.0007	0.0002	0.0001	0.0199	0.0286
50	2025	ALT2	EB	NT	Mainline	1.93	2.38	36.57	12.13	16279	12436	0.3970	0.3655	0.0562	0.0025	0.0466	0.1103	0.0116	0.0038	0.0020	0.3589	0.5203
51	2025	ALT2	EB	NT	Mainline	0.34	0.42	6.62	1.97	2810	2117	0.0612	0.0563	0.0100	0.0005	0.0073	0.0178	0.0021	0.0007	0.0003	0.0541	0.0788
52	2025	ALT2	EB	NT	Mainline	0.52	0.64	10.09	2.86	4203	3146	0.0867	0.0798	0.0153	0.0007	0.0105	0.0259	0.0032	0.0011	0.0005	0.0758	0.1104
53	2025	ALT2	EB	NT	Mainline	0.37	0.47	7.31	2.15	3089	2324	0.0664	0.0611	0.0111	0.0005	0.0080	0.0195	0.0023	0.0008	0.0003	0.0585	0.0857
54	2025	ALT2	EB	NT	Mainline	2.12	2.64	41.80	12.31	17634	13281	0.3778	0.3479	0.0626	0.0028	0.0461	0.1118	0.0131	0.0043	0.0020	0.3334	0.4971
55	2025	ALT2	EB	NT	Mainline	0.98	1.22	19.09	5.64	8083	6086	0.1746	0.1608	0.0289	0.0013	0.0210	0.0512	0.0060	0.0020	0.0009	0.1542	0.2259
56	2025	ALT2	EB	NT	Mainline	1.23	1.52	23.83	7.35	10258	7769	0.2311	0.2128	0.0360	0.0016	0.0278	0.0668	0.0075	0.0025	0.0012	0.2060	0.3048
57	2025	ALT2	EB	NT	Mainline	0.67	0.84	12.93	3.89	5534	4174	0.1227	0.1130	0.0199	0.0009	0.0145	0.0353	0.0042	0.0014	0.0006	0.1088	0.1559
58	2025	ALT2	EB	NT	Mainline	2.36	2.92	45.20	13.95	19528	14778	0.4438	0.4086	0.0693	0.0031	0.0524	0.1265	0.0144	0.0047	0.0023	0.3957	0.5699
59	2025	ALT2	EB	NT	Mainline	0.61	0.76	11.74	3.43	4963	3728	0.1065	0.0980	0.0180	0.0008	0.0127	0.0310	0.0038	0.0012	0.0006	0.0938	0.1344
60	2025	ALT2	EB	NT	Mainline	2.60	3.23	50.36	14.80	21322	16036	0.4600	0.4236	0.0769	0.0035	0.0549	0.1341	0.0161	0.0053	0.0024	0.4058	0.5852
61	2025	ALT2	EB	NT	Mainline	0.57	0.71	11.04	3.17	4635	3475	0.0976	0.0899	0.0169	0.0008	0.0117	0.0287	0.0036	0.0012	0.0005	0.0856	0.1227
62	2025	ALT2	EB	NT	Mainline	1.14	1.41	21.83	6.51	9306	7009	0.2043	0.1881	0.0335	0.0015	0.0242	0.0589	0.0070	0.0023	0.0011	0.1808	0.2583
63	2025	ALT2	EB	NT	Mainline	0.46	0.56	8.70	2.72	3782	2867	0.0873	0.0804	0.0134	0.0006	0.0103	0.0247	0.0028	0.0009	0.0004	0.0780	0.1119
64	2025	ALT2	EB	NT	Mainline	1.45	1.79	27.47	9.05	12196	9308	0.2956	0.2722	0.0423	0.0019	0.0347	0.0822	0.0087	0.0029	0.0015	0.2669	0.3862
65	2025	ALT2	EB	NT	Mainline	0.48	0.60	9.22	2.89	4004	3036	0.0921	0.0848	0.0141	0.0006	0.0109	0.0262	0.0029	0.0010	0.0005	0.0824	0.1195
66	2025	ALT2	EB	NT	Mainline	0.15	0.18	2.85	0.82	1196	897	0.0252	0.0232	0.0043	0.0002	0.0030	0.0074	0.0009	0.0003	0.0001	0.0221	0.0319
67	2025	ALT2	EB	NT	Mainline	1.04	1.29	19.96	6.32	8709	6613	0.2027	0.1866	0.0306	0.0014	0.0240	0.0574	0.0063	0.0021	0.0010	0.1816	0.2635
68	2025	ALT2	EB	NT	Mainline	0.77	0.96	14.80	4.51	6358	4803	0.1424	0.1311	0.0227	0.0010	0.0169	0.0408	0.0047	0.0016	0.0007	0.1266	0.1823
69	2025	ALT2	EB	NT	Mainline	1.74	2.16	32.96	11.13	14790	11323	0.3672	0.3381	0.0508	0.0022	0.0429	0.1011	0.0104	0.0034	0.0018	0.3330	0.4813
70	2025	ALT2	EB	NT	Mainline	1.05	1.29	19.70	6.52	8775	6696	0.2146	0.1976	0.0306	0.0014	0.0248	0.0591	0.0063	0.0021	0.0011	0.1939	0.2759
71	2025	ALT2	EB	NT	Mainline	1.32	1.63	24.49	8.84	11332	8746	0.3007	0.2769	0.0382	0.0016	0.0344	0.0802	0.0078	0.0026	0.0015	0.2757	0.3933
72	2025	ALT2	EB	NT	Mainline	1.28	1.58	23.96	8.22	10845	8313	0.2750	0.2532	0.0374	0.0016	0.0316	0.0745	0.0077	0.0025	0.0014	0.2500	0.3546
73	2025	ALT2	EB	NT	Ramp	0.03	0.05	0.89	0.14	290	206	0.0025	0.0023	0.0010	0.0000	0.0006	0.0016	0.0002	0.0001	0.0000	0.0012	0.0063
74	2025	ALT2	EB	NT	Ramp	0.03	0.04	0.61	0.12	237	170	0.0024	0.0022	0.0009	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0012	0.0079
75	2025	ALT2	EB	NT	Ramp	0.08	0.11	1.93	0.27	647	453	0.0050	0.0047	0.0025	0.0001	0.0010	0.0029	0.0005	0.0003	0.0000	0.0017	0.0092
76	2025	ALT2	EB	NT	Ramp	0.10	0.14	2.02	0.31	757	532	0.0065	0.0060	0.0031	0.0001	0.0017	0.0045	0.0007	0.0004	0.0001	0.0022	0.0174
77	2025	ALT2	EB	NT	Ramp	0.07	0.09	1.77	0.27	583	412	0.0048	0.0044	0.0022	0.0001	0.0011	0.0029	0.0005	0.0002	0.0000	0.0020	0.0107
78	2025	ALT2	EB	NT	Ramp	0.07	0.09	1.29	0.21	493	350	0.0045	0.0042	0.0020	0.0001	0.0013	0.0033	0.0004	0.0002	0.0000	0.0018	0.0145
79	2025	ALT2	EB	NT	Ramp	0.09	0.12	2.10	0.34	728	516	0.0063	0.0058	0.0027	0.0001	0.0015	0.0040	0.0006	0.0003	0.0001	0.0028	0.0153
80	2025	ALT2	EB	NT	Ramp	0.13	0.18	2.62	0.41	973	687	0.0086	0.0079	0.0039	0.0002	0.0022	0.0058	0.0008	0.0005	0.0001	0.0032	0.0231
81	2025	ALT2	EB	NT	Ramp	0.16	0.22	4.47	0.68	1416	1001	0.0114	0.0105	0.0051	0.0002	0.0026	0.0070	0.0011	0.0006	0.0001	0.0051	0.0258
82	2025	ALT2	EB	NT	Ramp	0.09	0.13	2.04	0.29	729	510	0.0060	0.0055	0.0029	0.0001	0.0013	0.0036	0.0006	0.0004	0.0001	0.0019	0.0119
83	2025	ALT2	EB	NT	Ramp	0.03	0.04	0.57	0.17	237	182	0.0034	0.0031	0.0008	0.0000	0.0011	0.0024	0.0001	0.0001	0.0000	0.0027	0.0136

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
84	2025	ALT2	EB	NT	Ramp	0.03	0.04	0.82	0.12	254	179	0.0020	0.0018	0.0009	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0009	0.0043
85	2025	ALT2	EB	NT	Ramp	0.10	0.13	2.67	0.51	878	640	0.0090	0.0083	0.0030	0.0001	0.0023	0.0056	0.0006	0.0003	0.0001	0.0059	0.0264
86	2025	ALT2	EB	NT	Ramp	0.14	0.19	3.20	0.72	1176	871	0.0134	0.0124	0.0042	0.0002	0.0040	0.0092	0.0008	0.0004	0.0001	0.0090	0.0474
87	2025	ALT2	EB	NT	Ramp	0.04	0.06	0.90	0.16	341	244	0.0032	0.0030	0.0014	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0015	0.0099
88	2025	ALT2	EB	NT	Ramp	0.08	0.10	1.88	0.37	654	476	0.0067	0.0061	0.0023	0.0001	0.0018	0.0044	0.0005	0.0002	0.0001	0.0040	0.0211
89	2025	ALT2	EB	NT	Ramp	0.03	0.04	0.51	0.09	196	141	0.0019	0.0018	0.0008	0.0000	0.0006	0.0014	0.0002	0.0001	0.0000	0.0009	0.0063
90	2025	ALT2	EB	NT	Ramp	0.06	0.08	0.93	0.31	441	340	0.0063	0.0058	0.0018	0.0001	0.0026	0.0056	0.0003	0.0001	0.0000	0.0047	0.0327
91	2025	ALT2	EB	NT	Ramp	0.07	0.09	1.41	0.42	586	449	0.0083	0.0076	0.0020	0.0001	0.0027	0.0059	0.0004	0.0002	0.0001	0.0065	0.0335
92	2025	ALT2	EB	NT	Ramp	0.13	0.18	2.10	0.50	900	664	0.0103	0.0095	0.0039	0.0002	0.0044	0.0098	0.0007	0.0004	0.0001	0.0060	0.0535
93	2025	ALT2	EB	NT	Ramp	1.92	2.29	20.28	16.67	15561	13321	0.3761	0.3461	0.0474	0.0007	0.1255	0.2565	0.0063	0.0018	0.0017	0.3605	1.6781
94	2025	ALT2	EB	NT	Ramp	0.29	0.37	6.56	1.66	2468	1860	0.0318	0.0293	0.0083	0.0003	0.0094	0.0211	0.0016	0.0007	0.0002	0.0239	0.1145
95	2025	ALT2	EB	NT	Ramp	0.05	0.06	1.27	0.25	426	311	0.0044	0.0040	0.0015	0.0001	0.0012	0.0028	0.0003	0.0001	0.0000	0.0028	0.0133
96	2025	ALT2	EB	NT	Ramp	0.08	0.11	2.22	0.40	709	513	0.0069	0.0064	0.0024	0.0001	0.0017	0.0042	0.0005	0.0002	0.0001	0.0043	0.0187
97	2025	ALT2	EB	NT	Ramp	0.04	0.05	0.56	0.33	338	280	0.0068	0.0063	0.0011	0.0000	0.0024	0.0051	0.0002	0.0001	0.0000	0.0063	0.0322
98	2025	ALT2	EB	NT	Ramp	0.04	0.05	0.85	0.23	329	250	0.0043	0.0040	0.0011	0.0000	0.0013	0.0030	0.0002	0.0001	0.0000	0.0033	0.0166
99	2025	ALT2	EB	NT	Ramp	0.10	0.13	2.42	0.61	899	678	0.0117	0.0108	0.0030	0.0001	0.0033	0.0075	0.0006	0.0003	0.0001	0.0090	0.0407
100	2025	ALT2	EB	NT	Ramp	0.10	0.13	2.48	0.49	848	619	0.0087	0.0081	0.0030	0.0001	0.0024	0.0058	0.0006	0.0003	0.0001	0.0055	0.0277
101	2025	ALT2	EB	NT	Ramp	0.03	0.03	0.54	0.17	224	174	0.0035	0.0032	0.0007	0.0000	0.0010	0.0022	0.0001	0.0001	0.0000	0.0029	0.0127
102	2025	ALT2	EB	NT	Ramp	0.03	0.04	0.71	0.15	252	186	0.0028	0.0026	0.0009	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0019	0.0096
103	2025	ALT2	EB	NT	Ramp	0.02	0.03	0.65	0.10	197	140	0.0016	0.0015	0.0007	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0008	0.0035
104	2025	ALT2	EB	NT	Ramp	0.06	0.08	1.28	0.21	469	332	0.0042	0.0039	0.0018	0.0001	0.0010	0.0027	0.0004	0.0002	0.0000	0.0018	0.0107
105	2025	ALT2	EB	NT	Ramp	0.06	0.08	1.45	0.26	488	353	0.0047	0.0043	0.0017	0.0001	0.0012	0.0031	0.0004	0.0002	0.0000	0.0027	0.0139
106	2025	ALT2	EB	NT	Ramp	0.01	0.02	0.27	0.04	97	68	0.0008	0.0007	0.0004	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0002	0.0014
107	2025	ALT2	EB	NT	Ramp																	
108	2025	ALT2	EB	NT	Ramp																	
109	2025	ALT2	EB	NT	Ramp	0.07	0.09	1.63	0.34	573	420	0.0062	0.0057	0.0020	0.0001	0.0017	0.0041	0.0004	0.0002	0.0000	0.0040	0.0204
110	2025	ALT2	EB	NT	Ramp	0.12	0.16	2.55	0.38	915	643	0.0077	0.0071	0.0036	0.0002	0.0017	0.0047	0.0008	0.0004	0.0001	0.0027	0.0166
111	2025	ALT2	EB	NT	Ramp	0.02	0.03	0.54	0.11	181	133	0.0020	0.0018	0.0006	0.0000	0.0005	0.0012	0.0001	0.0001	0.0000	0.0014	0.0060
112	2025	ALT2	EB	NT	Ramp	0.11	0.15	2.32	0.38	854	606	0.0077	0.0071	0.0034	0.0002	0.0019	0.0050	0.0007	0.0004	0.0001	0.0032	0.0198
113	2025	ALT2	EB	NT	Ramp	0.05	0.07	1.29	0.21	418	298	0.0036	0.0033	0.0015	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0018	0.0092
114	2025	ALT2	EB	NT	Ramp	0.07	0.10	1.58	0.22	561	392	0.0045	0.0042	0.0022	0.0001	0.0009	0.0027	0.0005	0.0003	0.0000	0.0014	0.0086
115	2025	ALT2	EB	NT	Ramp																	
116	2025	ALT2	EB	NT	Ramp	0.03	0.05	0.80	0.10	276	190	0.0020	0.0019	0.0011	0.0001	0.0003	0.0011	0.0002	0.0001	0.0000	0.0004	0.0023
117	2025	ALT2	EB	NT	Ramp	0.04	0.06	1.01	0.22	362	267	0.0040	0.0037	0.0013	0.0001	0.0012	0.0027	0.0003	0.0001	0.0000	0.0026	0.0135
118	2025	ALT2	EB	NT	Ramp	0.03	0.05	0.77	0.11	271	189	0.0022	0.0020	0.0011	0.0001	0.0004	0.0012	0.0002	0.0001	0.0000	0.0007	0.0038
119	2025	ALT2	EB	NT	Ramp	0.06	0.08	1.53	0.25	495	352	0.0042	0.0039	0.0018	0.0001	0.0010	0.0027	0.0004	0.0002	0.0000	0.0021	0.0108
120	2025	ALT2	EB	NT	Ramp	0.03	0.05	0.79	0.11	274	190	0.0021	0.0020	0.0011	0.0001	0.0004	0.0012	0.0002	0.0001	0.0000	0.0006	0.0033
121	2025	ALT2	EB	NT	Ramp	0.05	0.06	1.16	0.27	410	305	0.0050	0.0046	0.0014	0.0001	0.0013	0.0031	0.0003	0.0001	0.0000	0.0037	0.0160
122	2025	ALT2	EB	NT	Ramp	0.84	1.10	21.05	4.50	7283	5379	0.0825	0.0761	0.0246	0.0010	0.0225	0.0524	0.0049	0.0023	0.0006	0.0577	0.2635
123	2025	ALT2	EB	NT	Ramp	0.59	0.77	14.89	3.14	5106	3765	0.0572	0.0528	0.0172	0.0007	0.0154	0.0361	0.0034	0.0016	0.0004	0.0398	0.1798
124	2025	ALT2	EB	NT	Ramp	0.06	0.09	1.33	0.25	502	362	0.0050	0.0047	0.0019	0.0001	0.0014	0.0034	0.0004	0.0002	0.0000	0.0026	0.0153
125	2025	ALT2	EB	NT	Ramp	0.01	0.01	0.18	0.03	61	44	0.0006	0.0006	0.0002	0.0000	0.0002	0.0004	0.0000	0.0000	0.0000	0.0004	0.0018
126	2025	ALT2	EB	NT	Ramp	0.04	0.05	0.80	0.12	295	207	0.0025	0.0023	0.0012	0.0001	0.0006	0.0016	0.0003	0.0001	0.0000	0.0009	0.0062
127	2025	ALT2	EB	NT	Ramp	0.13	0.18	2.89	0.53	1046	753	0.0101	0.0094	0.0039	0.0002	0.0027	0.0067	0.0008	0.0004	0.0001	0.0053	0.0298
128	2025	ALT2	EB	NT	Ramp	0.02	0.02	0.36	0.04	123	84	0.0009	0.0008	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0008
129	2025	ALT2	EB	NT	Ramp	0.06	0.08	1.61	0.31	533	388	0.0054	0.0050	0.0018	0.0001	0.0014	0.0034	0.0004	0.0002	0.0000	0.0035	0.0162
130	2025	ALT2	EB	NT	Ramp	0.06	0.09	1.83	0.26	557	391	0.0041	0.0038	0.0020	0.0001	0.0009	0.0025	0.0004	0.0002	0.0000	0.0017	0.0082
131	2025	ALT2	EB	NT	Ramp	0.08	0.11	2.02	0.48	730	545	0.0090	0.0083	0.0025	0.0001	0.0025	0.0058	0.0005	0.0002	0.0001	0.0066	0.0304

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
132	2025	ALT2	EB	NT	Ramp	0.05	0.07	1.44	0.19	431	300	0.0030	0.0027	0.0015	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0010	0.0047
133	2025	ALT2	EB	NT	Ramp	0.14	0.18	3.56	0.65	1170	847	0.0113	0.0105	0.0041	0.0002	0.0030	0.0072	0.0008	0.0004	0.0001	0.0069	0.0330
134	2025	ALT2	EB	NT	Ramp	0.23	0.31	6.23	1.06	2010	1441	0.0180	0.0167	0.0071	0.0003	0.0046	0.0115	0.0015	0.0007	0.0001	0.0099	0.0489
135	2025	ALT2	EB	NT	Ramp	0.10	0.13	2.51	0.47	830	602	0.0082	0.0076	0.0029	0.0001	0.0022	0.0052	0.0006	0.0003	0.0001	0.0051	0.0241
136	2025	ALT2	EB	NT	Ramp	0.03	0.04	0.58	0.08	205	142	0.0016	0.0015	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0025
137	2025	ALT2	EB	NT	Ramp	0.45	0.60	12.32	1.92	3869	2746	0.0319	0.0294	0.0137	0.0007	0.0075	0.0197	0.0029	0.0015	0.0003	0.0155	0.0762
138	2025	ALT2	EB	NT	Ramp	0.03	0.04	0.84	0.13	277	197	0.0023	0.0022	0.0010	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0011	0.0057
139	2025	ALT2	EB	NT	Ramp	0.06	0.09	1.40	0.18	493	342	0.0038	0.0035	0.0020	0.0001	0.0007	0.0022	0.0004	0.0002	0.0000	0.0010	0.0061
140	2025	ALT2	EB	NT	Ramp	0.11	0.15	2.96	0.41	946	661	0.0070	0.0065	0.0035	0.0002	0.0014	0.0041	0.0008	0.0004	0.0001	0.0024	0.0127
141	2025	ALT2	EB	NT	Ramp	0.02	0.03	0.59	0.07	171	118	0.0010	0.0010	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0003	0.0012
142	2025	ALT2	EB	NT	Ramp	0.07	0.09	2.06	0.26	593	410	0.0037	0.0035	0.0021	0.0001	0.0007	0.0021	0.0005	0.0002	0.0000	0.0011	0.0048
143	2025	ALT2	EB	NT	Ramp	0.04	0.06	1.26	0.15	366	252	0.0023	0.0021	0.0013	0.0001	0.0004	0.0013	0.0003	0.0001	0.0000	0.0006	0.0026
144	2025	ALT2	EB	NT	HOV	0.15	0.19	3.60	0.45	1106	754	0.0047	0.0043	0.0046	0.0002	0.0009	0.0035	0.0010	0.0004	0.0001	0.0006	0.0009
145	2025	ALT2	EB	NT	HOV	0.38	0.49	9.50	1.20	2921	1990	0.0123	0.0114	0.0120	0.0006	0.0023	0.0091	0.0028	0.0010	0.0001	0.0015	0.0025
146	2025	ALT2	EB	NT	HOV	0.02	0.02	0.41	0.05	126	86	0.0005	0.0005	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
147	2025	ALT2	EB	NT	HOV	0.32	0.42	8.03	1.02	2470	1682	0.0104	0.0096	0.0102	0.0005	0.0020	0.0077	0.0023	0.0008	0.0001	0.0013	0.0021
148	2025	ALT2	EB	NT	HOV	0.12	0.15	2.92	0.37	898	612	0.0038	0.0035	0.0037	0.0002	0.0007	0.0028	0.0008	0.0003	0.0000	0.0005	0.0008
149	2025	ALT2	EB	NT	HOV	0.19	0.25	4.81	0.61	1481	1009	0.0062	0.0058	0.0061	0.0003	0.0012	0.0046	0.0014	0.0005	0.0001	0.0008	0.0013
150	2025	ALT2	EB	NT	HOV	0.20	0.26	4.83	0.61	1513	1030	0.0064	0.0059	0.0064	0.0003	0.0012	0.0048	0.0015	0.0005	0.0001	0.0008	0.0013
151	2025	ALT2	EB	NT	HOV	0.27	0.35	6.52	0.82	2042	1391	0.0086	0.0080	0.0086	0.0005	0.0017	0.0065	0.0020	0.0007	0.0001	0.0010	0.0017
152	2025	ALT2	EB	NT	HOV	0.22	0.28	5.17	0.65	1620	1103	0.0068	0.0063	0.0068	0.0004	0.0013	0.0052	0.0016	0.0005	0.0001	0.0008	0.0013
153	2025	ALT2	EB	NT	HOV	0.06	0.08	1.39	0.17	446	304	0.0019	0.0018	0.0020	0.0001	0.0004	0.0015	0.0005	0.0001	0.0000	0.0002	0.0004
154	2025	ALT2	EB	NT	HOV	0.12	0.15	2.65	0.33	853	581	0.0036	0.0033	0.0038	0.0002	0.0007	0.0029	0.0009	0.0003	0.0000	0.0004	0.0007
155	2025	ALT2	EB	NT	HOV	0.09	0.11	1.97	0.25	634	432	0.0027	0.0025	0.0028	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0003	0.0005
156	2025	ALT2	EB	NT	HOV	0.07	0.09	1.55	0.20	499	340	0.0021	0.0020	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
157	2025	ALT2	EB	NT	HOV	0.12	0.16	2.73	0.34	877	598	0.0037	0.0034	0.0039	0.0002	0.0008	0.0029	0.0009	0.0003	0.0000	0.0004	0.0007
158	2025	ALT2	EB	NT	HOV	0.14	0.18	3.14	0.40	1011	689	0.0043	0.0040	0.0044	0.0002	0.0009	0.0034	0.0010	0.0003	0.0000	0.0005	0.0008
159	2025	ALT2	EB	NT	HOV	0.08	0.10	1.80	0.23	578	394	0.0025	0.0023	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0005
160	2025	ALT2	EB	NT	HOV	0.15	0.19	3.35	0.42	1078	734	0.0046	0.0042	0.0047	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0005	0.0009
161	2025	ALT2	EB	NT	HOV	0.06	0.08	1.35	0.17	436	297	0.0018	0.0017	0.0019	0.0001	0.0004	0.0015	0.0004	0.0001	0.0000	0.0002	0.0003
162	2025	ALT2	EB	NT	HOV	0.04	0.06	0.97	0.12	313	213	0.0013	0.0012	0.0014	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
163	2025	ALT2	EB	NT	HOV	0.10	0.13	2.30	0.29	740	504	0.0031	0.0029	0.0033	0.0002	0.0006	0.0025	0.0007	0.0002	0.0000	0.0004	0.0006
164	2025	ALT2	EB	NT	HOV	0.01	0.01	0.23	0.03	74	50	0.0003	0.0003	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
165	2025	ALT2	EB	NT	HOV	0.05	0.06	1.08	0.14	346	236	0.0015	0.0014	0.0015	0.0001	0.0003	0.0012	0.0004	0.0001	0.0000	0.0002	0.0003
166	2025	ALT2	EB	NT	HOV	0.06	0.08	1.33	0.17	428	291	0.0018	0.0017	0.0019	0.0001	0.0004	0.0014	0.0004	0.0001	0.0000	0.0002	0.0003
167	2025	ALT2	EB	NT	HOV	0.04	0.05	0.94	0.12	302	206	0.0013	0.0012	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0002
168	2025	ALT2	EB	NT	HOV	0.03	0.04	0.61	0.08	196	134	0.0008	0.0008	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
169	2025	ALT2	EB	NT	HOV	0.25	0.32	5.55	0.70	1785	1216	0.0076	0.0070	0.0079	0.0004	0.0015	0.0060	0.0018	0.0006	0.0001	0.0009	0.0014
170	2025	ALT2	EB	NT	HOV	0.18	0.23	4.01	0.50	1290	878	0.0055	0.0051	0.0057	0.0003	0.0011	0.0043	0.0013	0.0004	0.0001	0.0007	0.0010
171	2025	ALT2	EB	NT	HOV	0.10	0.13	2.24	0.28	722	492	0.0031	0.0028	0.0032	0.0002	0.0006	0.0024	0.0007	0.0002	0.0000	0.0004	0.0006
172	2025	ALT2	EB	NT	HOV	0.06	0.08	1.31	0.16	422	288	0.0018	0.0017	0.0019	0.0001	0.0004	0.0014	0.0004	0.0001	0.0000	0.0002	0.0003
173	2025	ALT2	EB	NT	HOV	0.11	0.13	2.32	0.29	750	511	0.0032	0.0029	0.0033	0.0002	0.0006	0.0025	0.0008	0.0002	0.0000	0.0004	0.0006
174	2025	ALT2	EB	NT	HOV	0.08	0.10	1.64	0.21	531	362	0.0023	0.0021	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0004
175	2025	ALT2	EB	NT	HOV	0.09	0.11	1.97	0.25	635	432	0.0027	0.0025	0.0028	0.0002	0.0005	0.0021	0.0006	0.0002	0.0000	0.0003	0.0005
176	2025	ALT2	EB	NT	HOV	0.08	0.10	1.72	0.22	555	378	0.0024	0.0022	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0004
177	2025	ALT2	EB	NT	HOV	0.11	0.14	2.34	0.29	755	514	0.0032	0.0030	0.0033	0.0002	0.0007	0.0025	0.0008	0.0002	0.0000	0.0004	0.0006
178	2025	ALT2	EB	NT	HOV	0.05	0.07	1.14	0.14	366	250	0.0016	0.0014	0.0016	0.0001	0.0003	0.0012	0.0004	0.0001	0.0000	0.0002	0.0003
179	2025	ALT2	EB	NT	HOV	0.05	0.07	1.68	0.20	460	314	0.0020	0.0019	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
180	2025	ALT2	EB	NT	HOV	0.07	0.09	2.27	0.27	620	422	0.0027	0.0025	0.0023	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
181	2025	ALT2	EB	NT	HOV	0.12	0.16	3.86	0.46	1055	718	0.0046	0.0042	0.0038	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0010
182	2025	ALT2	EB	NT	HOV	0.11	0.15	3.61	0.43	988	673	0.0043	0.0040	0.0036	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0005	0.0010
183	2025	ALT2	EB	NT	HOV	0.08	0.11	2.62	0.31	717	488	0.0031	0.0029	0.0026	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0007
184	2025	ALT2	EB	NT	HOV	0.03	0.04	0.91	0.11	248	169	0.0011	0.0010	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
185	2025	ALT2	EB	NT	HOV	0.09	0.12	3.00	0.35	820	558	0.0036	0.0033	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0008
186	2025	ALT2	EB	NT	HOV	0.04	0.05	1.18	0.14	324	220	0.0014	0.0013	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
187	2025	ALT2	EB	NT	HOV	0.06	0.08	1.87	0.22	512	349	0.0022	0.0021	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
188	2025	ALT2	EB	NT	HOV	0.03	0.03	0.82	0.10	223	152	0.0010	0.0009	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
189	2025	ALT2	EB	NT	HOV	0.08	0.10	2.41	0.28	658	448	0.0029	0.0026	0.0024	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0006
190	2025	ALT2	EB	NT	HOV	0.00	0.01	0.13	0.02	35	24	0.0002	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
191	2025	ALT2	EB	NT	HOV	0.14	0.18	3.17	0.40	1015	691	0.0043	0.0040	0.0044	0.0002	0.0009	0.0034	0.0010	0.0003	0.0000	0.0005	0.0008
192	2025	ALT2	EB	NT	HOV	0.01	0.01	0.25	0.03	81	55	0.0003	0.0003	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
193	2025	ALT2	EB	NT	HOV	0.22	0.28	4.93	0.62	1578	1075	0.0067	0.0062	0.0069	0.0004	0.0013	0.0052	0.0016	0.0005	0.0001	0.0008	0.0013
194	2025	ALT2	EB	NT	HOV	0.03	0.03	0.57	0.07	184	125	0.0008	0.0007	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0001
195	2025	ALT2	EB	NT	HOV	0.03	0.04	0.68	0.09	217	148	0.0009	0.0009	0.0009	0.0001	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
196	2025	ALT2	EB	NT	HOV	0.03	0.03	0.57	0.07	182	124	0.0008	0.0007	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0001
197	2025	ALT2	EB	NT	HOV	0.15	0.19	3.30	0.42	1058	721	0.0045	0.0041	0.0046	0.0002	0.0009	0.0035	0.0011	0.0003	0.0001	0.0005	0.0009
198	2025	ALT2	EB	NT	HOV	0.07	0.08	1.48	0.19	473	322	0.0020	0.0019	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
199	2025	ALT2	EB	NT	HOV	0.14	0.18	3.25	0.41	1025	698	0.0043	0.0040	0.0044	0.0002	0.0008	0.0033	0.0010	0.0003	0.0000	0.0005	0.0008
200	2025	ALT2	EB	NT	HOV	0.07	0.09	1.67	0.21	528	359	0.0022	0.0021	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
201	2025	ALT2	EB	NT	HOV	0.27	0.35	6.36	0.80	2005	1366	0.0085	0.0078	0.0085	0.0005	0.0017	0.0065	0.0020	0.0007	0.0001	0.0010	0.0016
202	2025	ALT2	EB	NT	HOV	0.06	0.08	1.48	0.19	466	317	0.0020	0.0018	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0002	0.0004
203	2025	ALT2	EB	NT	HOV	0.29	0.37	6.77	0.86	2135	1454	0.0090	0.0083	0.0091	0.0005	0.0018	0.0069	0.0021	0.0007	0.0001	0.0011	0.0018
204	2025	ALT2	EB	NT	HOV	0.06	0.08	1.48	0.19	466	317	0.0020	0.0018	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0002	0.0004
205	2025	ALT2	EB	NT	HOV	0.14	0.18	3.30	0.42	1038	707	0.0044	0.0041	0.0044	0.0002	0.0009	0.0033	0.0010	0.0003	0.0000	0.0005	0.0009
206	2025	ALT2	EB	NT	HOV	0.06	0.08	1.49	0.19	468	319	0.0020	0.0018	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0002	0.0004
207	2025	ALT2	EB	NT	HOV	0.23	0.29	5.42	0.69	1706	1162	0.0072	0.0067	0.0072	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0014
208	2025	ALT2	EB	NT	HOV	0.07	0.09	1.67	0.21	526	358	0.0022	0.0021	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
209	2025	ALT2	EB	NT	HOV	0.02	0.02	0.43	0.05	134	91	0.0006	0.0005	0.0006	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
210	2025	ALT2	EB	NT	HOV	0.19	0.24	4.62	0.58	1432	975	0.0060	0.0056	0.0059	0.0003	0.0012	0.0045	0.0014	0.0005	0.0001	0.0007	0.0012
211	2025	ALT2	EB	NT	HOV	0.13	0.17	3.19	0.40	988	673	0.0042	0.0039	0.0041	0.0002	0.0008	0.0031	0.0009	0.0003	0.0000	0.0005	0.0008
212	2025	ALT2	EB	NT	HOV	0.35	0.45	8.53	1.08	2644	1801	0.0111	0.0103	0.0110	0.0006	0.0021	0.0083	0.0025	0.0009	0.0001	0.0014	0.0022
213	2025	ALT2	EB	NT	HOV	0.20	0.26	4.91	0.62	1522	1036	0.0064	0.0059	0.0063	0.0003	0.0012	0.0048	0.0015	0.0005	0.0001	0.0008	0.0013
214	2025	ALT2	EB	NT	HOV																	
215	2025	ALT2	EB	NT	HOV																	
216	2025	ALT2	WB	AM	Mainline	1.08	1.37	24.65	4.83	8723	6260	0.1070	0.0987	0.0329	0.0016	0.0152	0.0417	0.0072	0.0025	0.0007	0.0801	0.1329
217	2025	ALT2	WB	AM	Mainline	1.89	2.40	44.42	8.88	15600	11239	0.1949	0.1797	0.0573	0.0028	0.0286	0.0766	0.0125	0.0044	0.0012	0.1473	0.2619
218	2025	ALT2	WB	AM	Mainline	1.40	1.77	32.21	6.21	11286	8084	0.1341	0.1237	0.0425	0.0021	0.0193	0.0533	0.0093	0.0032	0.0009	0.0990	0.1672
219	2025	ALT2	WB	AM	Mainline	1.78	2.27	46.82	8.79	15422	11095	0.1715	0.1581	0.0537	0.0026	0.0287	0.0756	0.0116	0.0044	0.0011	0.1233	0.2762
220	2025	ALT2	WB	AM	Mainline	1.04	1.32	25.92	4.86	8720	6242	0.0967	0.0892	0.0316	0.0016	0.0150	0.0408	0.0069	0.0025	0.0006	0.0692	0.1342
221	2025	ALT2	WB	AM	Mainline	0.88	1.12	23.48	4.32	7641	5488	0.0824	0.0760	0.0265	0.0013	0.0140	0.0371	0.0057	0.0022	0.0006	0.0583	0.1346
222	2025	ALT2	WB	AM	Mainline	1.03	1.31	25.94	4.85	8682	6215	0.0955	0.0881	0.0313	0.0015	0.0150	0.0407	0.0068	0.0025	0.0006	0.0681	0.1345
223	2025	ALT2	WB	AM	Mainline	0.49	0.62	12.66	2.30	4152	2969	0.0439	0.0405	0.0148	0.0007	0.0071	0.0194	0.0032	0.0012	0.0003	0.0307	0.0651
224	2025	ALT2	WB	AM	Mainline	0.60	0.77	15.48	2.62	5010	3541	0.0463	0.0428	0.0185	0.0009	0.0074	0.0212	0.0041	0.0015	0.0003	0.0298	0.0583
225	2025	ALT2	WB	AM	Mainline	0.39	0.50	9.78	1.67	3205	2266	0.0304	0.0280	0.0120	0.0006	0.0047	0.0137	0.0027	0.0010	0.0002	0.0198	0.0375
226	2025	ALT2	WB	AM	Mainline	1.85	2.35	42.97	7.47	14621	10334	0.1449	0.1337	0.0568	0.0029	0.0214	0.0629	0.0127	0.0043	0.0010	0.0971	0.1602
227	2025	ALT2	WB	AM	Mainline	0.73	0.93	16.83	2.83	5699	4011	0.0531	0.0490	0.0226	0.0012	0.0079	0.0239	0.0050	0.0017	0.0004	0.0342	0.0554

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
228	2025	ALT2	WB	AM	Mainline	0.40	0.51	9.19	1.53	3105	2182	0.0283	0.0261	0.0123	0.0006	0.0042	0.0129	0.0028	0.0009	0.0002	0.0179	0.0289
229	2025	ALT2	WB	AM	Mainline	2.25	2.88	58.60	9.78	18764	13246	0.1690	0.1560	0.0689	0.0035	0.0272	0.0787	0.0153	0.0056	0.0012	0.1066	0.2147
230	2025	ALT2	WB	AM	Mainline	0.58	0.74	14.11	2.37	4668	3290	0.0430	0.0397	0.0179	0.0009	0.0066	0.0195	0.0040	0.0014	0.0003	0.0275	0.0486
231	2025	ALT2	WB	AM	Mainline	0.58	0.74	14.65	2.50	4774	3376	0.0449	0.0415	0.0177	0.0009	0.0071	0.0204	0.0039	0.0014	0.0003	0.0292	0.0562
232	2025	ALT2	WB	AM	Mainline	0.61	0.78	14.49	2.50	4881	3448	0.0474	0.0438	0.0188	0.0010	0.0071	0.0209	0.0042	0.0014	0.0003	0.0314	0.0536
233	2025	ALT2	WB	AM	Mainline	1.76	2.28	49.59	8.28	15425	10957	0.1420	0.1311	0.0538	0.0027	0.0248	0.0683	0.0117	0.0046	0.0010	0.0911	0.2215
234	2025	ALT2	WB	AM	Mainline	0.29	0.37	7.52	1.30	2441	1731	0.0235	0.0217	0.0089	0.0004	0.0037	0.0106	0.0020	0.0007	0.0002	0.0155	0.0310
235	2025	ALT2	WB	AM	Mainline	1.10	1.41	30.14	5.13	9506	6759	0.0902	0.0832	0.0335	0.0017	0.0154	0.0424	0.0073	0.0028	0.0006	0.0591	0.1370
236	2025	ALT2	WB	AM	Mainline	0.75	0.96	19.55	3.37	6304	4472	0.0605	0.0558	0.0228	0.0011	0.0098	0.0276	0.0050	0.0019	0.0004	0.0399	0.0824
237	2025	ALT2	WB	AM	Mainline	1.27	1.60	29.13	5.52	10168	7266	0.1176	0.1084	0.0386	0.0019	0.0170	0.0473	0.0085	0.0029	0.0008	0.0857	0.1434
238	2025	ALT2	WB	AM	Mainline	0.40	0.50	9.25	1.73	3196	2282	0.0361	0.0333	0.0121	0.0006	0.0053	0.0147	0.0027	0.0009	0.0002	0.0260	0.0446
239	2025	ALT2	WB	AM	Mainline	0.35	0.45	8.30	1.54	2854	2036	0.0318	0.0293	0.0107	0.0005	0.0047	0.0131	0.0024	0.0008	0.0002	0.0227	0.0395
240	2025	ALT2	WB	AM	Mainline	0.44	0.56	10.54	1.89	3576	2540	0.0373	0.0344	0.0136	0.0007	0.0056	0.0159	0.0030	0.0010	0.0003	0.0257	0.0448
241	2025	ALT2	WB	AM	Mainline	1.58	2.01	37.96	6.94	12877	9175	0.1386	0.1278	0.0481	0.0024	0.0209	0.0584	0.0106	0.0037	0.0009	0.0975	0.1753
242	2025	ALT2	WB	AM	Mainline	0.11	0.14	2.57	0.47	887	631	0.0097	0.0089	0.0034	0.0002	0.0014	0.0040	0.0008	0.0003	0.0001	0.0068	0.0113
243	2025	ALT2	WB	AM	Mainline	1.34	1.70	32.01	5.92	10923	7793	0.1202	0.1108	0.0408	0.0020	0.0180	0.0501	0.0090	0.0032	0.0008	0.0855	0.1528
244	2025	ALT2	WB	AM	Mainline	0.21	0.26	4.78	0.88	1661	1183	0.0185	0.0170	0.0064	0.0003	0.0027	0.0075	0.0014	0.0005	0.0001	0.0132	0.0217
245	2025	ALT2	WB	AM	Mainline	1.25	1.59	29.73	5.55	10194	7279	0.1139	0.1050	0.0381	0.0019	0.0169	0.0471	0.0084	0.0029	0.0007	0.0817	0.1446
246	2025	ALT2	WB	AM	Mainline	1.00	1.26	22.88	4.23	7941	5656	0.0882	0.0813	0.0304	0.0015	0.0127	0.0361	0.0067	0.0023	0.0006	0.0629	0.1041
247	2025	ALT2	WB	AM	Mainline	1.28	1.62	30.29	5.66	10392	7422	0.1165	0.1074	0.0388	0.0019	0.0173	0.0481	0.0085	0.0030	0.0008	0.0836	0.1482
248	2025	ALT2	WB	AM	Mainline	0.42	0.54	9.89	1.79	3389	2408	0.0361	0.0333	0.0129	0.0006	0.0053	0.0151	0.0029	0.0010	0.0002	0.0252	0.0427
249	2025	ALT2	WB	AM	Mainline	1.38	1.74	31.26	5.79	10897	7761	0.1217	0.1122	0.0420	0.0021	0.0175	0.0496	0.0093	0.0032	0.0008	0.0870	0.1417
250	2025	ALT2	WB	AM	Mainline	2.16	2.74	50.71	9.23	17362	12352	0.1867	0.1722	0.0660	0.0033	0.0276	0.0781	0.0146	0.0051	0.0012	0.1311	0.2251
251	2025	ALT2	WB	AM	Mainline	1.60	2.04	38.85	7.17	13168	9396	0.1436	0.1324	0.0489	0.0024	0.0217	0.0604	0.0107	0.0038	0.0009	0.1017	0.1862
252	2025	ALT2	WB	AM	Mainline	1.35	1.71	31.92	5.77	10868	7727	0.1152	0.1062	0.0412	0.0021	0.0171	0.0487	0.0091	0.0032	0.0008	0.0803	0.1398
253	2025	ALT2	WB	AM	Mainline	0.97	1.23	22.86	4.13	7783	5534	0.0825	0.0761	0.0295	0.0015	0.0123	0.0349	0.0065	0.0023	0.0006	0.0575	0.1001
254	2025	ALT2	WB	AM	Mainline	0.90	1.14	21.03	3.87	7245	5160	0.0795	0.0733	0.0276	0.0014	0.0116	0.0329	0.0061	0.0021	0.0005	0.0564	0.0957
255	2025	ALT2	WB	AM	Mainline	1.51	1.91	35.99	6.78	12337	8824	0.1398	0.1289	0.0458	0.0023	0.0209	0.0576	0.0100	0.0035	0.0009	0.1010	0.1818
256	2025	ALT2	WB	AM	Mainline	1.01	1.28	23.81	4.32	8114	5772	0.0865	0.0798	0.0307	0.0015	0.0129	0.0365	0.0068	0.0024	0.0006	0.0605	0.1056
257	2025	ALT2	WB	AM	Mainline	1.22	1.56	30.52	5.57	10190	7269	0.1083	0.0999	0.0373	0.0018	0.0168	0.0465	0.0082	0.0030	0.0007	0.0758	0.1458
258	2025	ALT2	WB	AM	Mainline	1.23	1.55	28.52	5.09	9753	6918	0.1014	0.0935	0.0375	0.0019	0.0149	0.0430	0.0083	0.0029	0.0007	0.0699	0.1172
259	2025	ALT2	WB	AM	Mainline	1.81	2.29	41.58	7.46	14309	10152	0.1505	0.1388	0.0553	0.0028	0.0219	0.0633	0.0123	0.0042	0.0010	0.1044	0.1716
260	2025	ALT2	WB	AM	Mainline	1.19	1.51	28.20	4.99	9536	6762	0.0972	0.0897	0.0363	0.0018	0.0146	0.0419	0.0081	0.0028	0.0007	0.0663	0.1152
261	2025	ALT2	WB	AM	Mainline	1.42	1.81	34.50	6.20	11605	8253	0.1211	0.1117	0.0434	0.0022	0.0184	0.0519	0.0096	0.0034	0.0008	0.0838	0.1525
262	2025	ALT2	WB	AM	Mainline	3.81	4.84	89.92	16.26	30667	21802	0.3255	0.3002	0.1164	0.0058	0.0483	0.1373	0.0257	0.0090	0.0022	0.2271	0.3924
263	2025	ALT2	WB	AM	Mainline	1.78	2.26	44.60	8.06	14811	10553	0.1546	0.1426	0.0541	0.0027	0.0241	0.0670	0.0119	0.0043	0.0010	0.1071	0.2076
264	2025	ALT2	WB	AM	Mainline	0.65	0.84	18.50	3.22	5761	4126	0.0559	0.0515	0.0196	0.0009	0.0107	0.0281	0.0042	0.0017	0.0004	0.0368	0.1052
265	2025	ALT2	WB	AM	Mainline	0.36	0.46	9.43	1.72	3090	2211	0.0328	0.0303	0.0110	0.0005	0.0054	0.0145	0.0024	0.0009	0.0002	0.0230	0.0494
266	2025	ALT2	WB	AM	Mainline	1.27	1.62	32.45	6.22	10882	7829	0.1248	0.1151	0.0385	0.0019	0.0200	0.0531	0.0083	0.0031	0.0008	0.0910	0.1893
267	2025	ALT2	WB	AM	Mainline	0.38	0.49	10.36	1.92	3345	2411	0.0361	0.0333	0.0114	0.0005	0.0065	0.0168	0.0024	0.0010	0.0002	0.0256	0.0649
268	2025	ALT2	WB	AM	Mainline	0.08	0.10	1.79	0.35	624	448	0.0075	0.0070	0.0023	0.0001	0.0011	0.0030	0.0005	0.0002	0.0000	0.0056	0.0099
269	2025	ALT2	WB	AM	Mainline	1.69	2.18	46.71	8.81	15093	10916	0.1653	0.1524	0.0509	0.0024	0.0312	0.0792	0.0108	0.0043	0.0011	0.1178	0.3206
270	2025	ALT2	WB	AM	Mainline	0.72	0.93	19.45	3.85	6442	4684	0.0761	0.0701	0.0217	0.0010	0.0139	0.0349	0.0046	0.0018	0.0005	0.0564	0.1455
271	2025	ALT2	WB	AM	Mainline	1.10	1.42	30.19	6.00	9890	7221	0.1129	0.1041	0.0327	0.0015	0.0236	0.0577	0.0068	0.0028	0.0007	0.0820	0.2580
272	2025	ALT2	WB	AM	Mainline	0.81	1.04	22.23	4.38	7252	5299	0.0809	0.0746	0.0240	0.0011	0.0179	0.0435	0.0049	0.0021	0.0005	0.0579	0.1983
273	2025	ALT2	WB	AM	Mainline	0.77	0.99	20.15	4.16	6858	5004	0.0870	0.0802	0.0232	0.0011	0.0150	0.0376	0.0049	0.0019	0.0005	0.0667	0.1567
274	2025	ALT2	WB	AM	Mainline	0.90	1.15	22.69	4.84	7901	5773	0.1054	0.0971	0.0270	0.0013	0.0172	0.0433	0.0057	0.0021	0.0006	0.0822	0.1786
275	2025	ALT2	WB	AM	Mainline	1.67	2.11	39.21	8.70	14180	10368	0.2038	0.1878	0.0499	0.0024	0.0303	0.0770	0.0107	0.0038	0.0012	0.1628	0.3059

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
276	2025	ALT2	WB	AM	Mainline	0.46	0.58	10.34	2.28	3804	2773	0.0555	0.0512	0.0138	0.0007	0.0077	0.0201	0.0030	0.0010	0.0003	0.0445	0.0754
277	2025	ALT2	WB	AM	Mainline	0.96	1.22	22.50	5.07	8201	6008	0.1206	0.1111	0.0288	0.0014	0.0178	0.0451	0.0061	0.0022	0.0007	0.0971	0.1812
278	2025	ALT2	WB	AM	Mainline	0.51	0.64	11.64	2.72	4317	3176	0.0668	0.0615	0.0151	0.0007	0.0097	0.0243	0.0032	0.0011	0.0004	0.0547	0.1004
279	2025	ALT2	WB	AM	Mainline	0.91	1.16	22.94	5.14	8115	5979	0.1147	0.1057	0.0271	0.0012	0.0193	0.0474	0.0057	0.0021	0.0007	0.0917	0.2088
280	2025	ALT2	WB	AM	Mainline	0.95	1.21	23.24	5.35	8386	6185	0.1238	0.1141	0.0283	0.0013	0.0199	0.0488	0.0059	0.0022	0.0007	0.1003	0.2127
281	2025	ALT2	WB	AM	Mainline	0.70	0.89	18.63	3.92	6279	4612	0.0780	0.0719	0.0207	0.0009	0.0155	0.0377	0.0043	0.0017	0.0005	0.0592	0.1717
282	2025	ALT2	WB	AM	Mainline	1.02	1.31	26.49	5.77	9172	6750	0.1232	0.1136	0.0304	0.0014	0.0221	0.0539	0.0063	0.0024	0.0007	0.0969	0.2407
283	2025	ALT2	WB	AM	Mainline	0.96	1.22	25.32	5.38	8595	6316	0.1091	0.1005	0.0283	0.0013	0.0211	0.0512	0.0059	0.0023	0.0007	0.0837	0.2323
284	2025	ALT2	WB	AM	Mainline	1.26	1.63	34.54	6.84	11295	8265	0.1251	0.1153	0.0373	0.0017	0.0290	0.0698	0.0076	0.0033	0.0008	0.0888	0.3254
285	2025	ALT2	WB	AM	Mainline	0.86	1.10	22.83	4.73	7680	5623	0.0951	0.0877	0.0255	0.0012	0.0180	0.0443	0.0053	0.0021	0.0006	0.0721	0.1952
286	2025	ALT2	WB	AM	Mainline	0.78	1.01	21.63	4.23	7035	5134	0.0779	0.0719	0.0233	0.0011	0.0171	0.0417	0.0048	0.0020	0.0005	0.0555	0.1887
287	2025	ALT2	WB	AM	Mainline	1.36	1.75	36.29	7.46	12201	8920	0.1509	0.1391	0.0407	0.0019	0.0280	0.0691	0.0085	0.0034	0.0009	0.1144	0.2997
288	2025	ALT2	WB	AM	Mainline	0.15	0.19	3.83	0.77	1292	939	0.0159	0.0146	0.0044	0.0002	0.0027	0.0068	0.0009	0.0004	0.0001	0.0120	0.0274
289	2025	ALT2	WB	AM	Mainline	1.55	2.00	42.85	8.34	13910	10132	0.1545	0.1425	0.0462	0.0021	0.0325	0.0800	0.0096	0.0040	0.0010	0.1104	0.3536
290	2025	ALT2	WB	AM	Ramp	0.08	0.10	2.46	0.28	683	468	0.0038	0.0035	0.0024	0.0001	0.0006	0.0021	0.0005	0.0003	0.0000	0.0007	0.0028
291	2025	ALT2	WB	AM	Ramp	0.09	0.13	2.46	0.28	779	534	0.0050	0.0047	0.0030	0.0002	0.0007	0.0026	0.0007	0.0004	0.0001	0.0008	0.0037
292	2025	ALT2	WB	AM	Ramp	0.02	0.02	0.49	0.06	137	94	0.0008	0.0007	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0002	0.0006
293	2025	ALT2	WB	AM	Ramp	0.18	0.25	2.53	0.33	1171	803	0.0105	0.0097	0.0057	0.0003	0.0019	0.0058	0.0012	0.0008	0.0001	0.0011	0.0149
294	2025	ALT2	WB	AM	Ramp	0.06	0.09	1.52	0.18	506	348	0.0035	0.0032	0.0020	0.0001	0.0005	0.0018	0.0004	0.0003	0.0000	0.0006	0.0031
295	2025	ALT2	WB	AM	Ramp	0.10	0.15	1.73	0.23	712	492	0.0060	0.0055	0.0033	0.0002	0.0013	0.0038	0.0007	0.0004	0.0001	0.0010	0.0118
296	2025	ALT2	WB	AM	Ramp	0.05	0.07	0.96	0.12	364	252	0.0029	0.0027	0.0016	0.0001	0.0006	0.0018	0.0003	0.0002	0.0000	0.0006	0.0053
297	2025	ALT2	WB	AM	Ramp	0.78	1.03	17.25	3.88	6427	4754	0.0729	0.0673	0.0230	0.0010	0.0219	0.0508	0.0045	0.0022	0.0005	0.0483	0.2610
298	2025	ALT2	WB	AM	Ramp	0.01	0.01	0.22	0.02	66	45	0.0004	0.0004	0.0002	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0001	0.0003
299	2025	ALT2	WB	AM	Ramp	0.03	0.04	1.00	0.12	285	195	0.0016	0.0015	0.0010	0.0001	0.0003	0.0009	0.0002	0.0001	0.0000	0.0003	0.0013
300	2025	ALT2	WB	AM	Ramp	0.38	0.53	11.64	1.34	3372	2315	0.0199	0.0185	0.0122	0.0006	0.0031	0.0107	0.0027	0.0014	0.0002	0.0037	0.0162
301	2025	ALT2	WB	AM	Ramp	0.10	0.14	2.04	0.27	750	521	0.0060	0.0055	0.0031	0.0002	0.0013	0.0037	0.0007	0.0004	0.0001	0.0015	0.0120
302	2025	ALT2	WB	AM	Ramp	0.04	0.06	1.03	0.12	340	233	0.0023	0.0021	0.0013	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0003	0.0013
303	2025	ALT2	WB	AM	Ramp	0.02	0.02	0.46	0.07	147	104	0.0012	0.0011	0.0005	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0006	0.0029
304	2025	ALT2	WB	AM	Ramp	0.07	0.11	1.34	0.16	536	367	0.0043	0.0040	0.0024	0.0001	0.0007	0.0023	0.0005	0.0003	0.0000	0.0005	0.0050
305	2025	ALT2	WB	AM	Ramp	0.04	0.06	1.10	0.15	350	244	0.0026	0.0024	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0009	0.0045
306	2025	ALT2	WB	AM	Ramp	0.08	0.12	1.69	0.18	631	431	0.0046	0.0043	0.0027	0.0001	0.0006	0.0022	0.0006	0.0004	0.0001	0.0004	0.0025
307	2025	ALT2	WB	AM	Ramp	0.04	0.06	0.77	0.10	298	207	0.0024	0.0023	0.0013	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0005	0.0055
308	2025	ALT2	WB	AM	Ramp	0.12	0.18	2.14	0.27	874	602	0.0072	0.0067	0.0039	0.0002	0.0014	0.0043	0.0009	0.0005	0.0001	0.0011	0.0121
309	2025	ALT2	WB	AM	Ramp	0.03	0.04	0.54	0.10	219	157	0.0022	0.0020	0.0009	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0010	0.0094
310	2025	ALT2	WB	AM	Ramp	0.27	0.37	7.01	0.93	2251	1568	0.0165	0.0153	0.0084	0.0004	0.0032	0.0095	0.0018	0.0010	0.0002	0.0052	0.0271
311	2025	ALT2	WB	AM	Ramp	0.08	0.11	1.53	0.21	584	407	0.0048	0.0045	0.0025	0.0001	0.0012	0.0032	0.0005	0.0003	0.0000	0.0013	0.0115
312	2025	ALT2	WB	AM	Ramp	0.03	0.05	0.91	0.11	286	197	0.0019	0.0018	0.0011	0.0001	0.0003	0.0011	0.0002	0.0001	0.0000	0.0005	0.0024
313	2025	ALT2	WB	AM	Ramp	0.20	0.28	6.11	0.81	1800	1254	0.0123	0.0114	0.0064	0.0003	0.0024	0.0072	0.0014	0.0007	0.0001	0.0044	0.0203
314	2025	ALT2	WB	AM	Ramp	0.07	0.10	1.62	0.18	558	382	0.0038	0.0036	0.0022	0.0001	0.0005	0.0019	0.0005	0.0003	0.0000	0.0005	0.0026
315	2025	ALT2	WB	AM	Ramp	0.07	0.10	1.62	0.22	578	402	0.0045	0.0042	0.0023	0.0001	0.0009	0.0027	0.0005	0.0003	0.0000	0.0012	0.0080
316	2025	ALT2	WB	AM	Ramp	0.04	0.05	0.95	0.11	306	210	0.0021	0.0019	0.0012	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0004	0.0020
317	2025	ALT2	WB	AM	Ramp	0.04	0.06	0.94	0.13	344	240	0.0028	0.0026	0.0014	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0008	0.0063
318	2025	ALT2	WB	AM	Ramp	0.04	0.05	1.03	0.13	328	226	0.0022	0.0021	0.0012	0.0001	0.0004	0.0012	0.0003	0.0002	0.0000	0.0005	0.0026
319	2025	ALT2	WB	AM	Ramp	0.09	0.12	1.97	0.25	698	483	0.0053	0.0049	0.0028	0.0001	0.0010	0.0030	0.0006	0.0004	0.0001	0.0012	0.0077
320	2025	ALT2	WB	AM	Ramp	0.04	0.05	0.88	0.11	291	201	0.0021	0.0019	0.0011	0.0001	0.0004	0.0011	0.0002	0.0001	0.0000	0.0005	0.0026
321	2025	ALT2	WB	AM	Ramp	0.11	0.15	2.10	0.26	789	543	0.0060	0.0056	0.0034	0.0002	0.0011	0.0034	0.0007	0.0004	0.0001	0.0010	0.0085
322	2025	ALT2	WB	AM	Ramp	0.05	0.08	0.99	0.13	392	270	0.0032	0.0029	0.0017	0.0001	0.0006	0.0019	0.0004	0.0002	0.0000	0.0005	0.0055
323	2025	ALT2	WB	AM	Ramp	0.10	0.14	2.79	0.39	867	608	0.0065	0.0060	0.0031	0.0002	0.0014	0.0039	0.0007	0.0004	0.0001	0.0025	0.0126

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
324	2025	ALT2	WB	AM	Ramp	0.03	0.05	0.95	0.13	295	205	0.0021	0.0019	0.0011	0.0001	0.0004	0.0012	0.0002	0.0001	0.0000	0.0007	0.0034
325	2025	ALT2	WB	AM	Ramp	0.25	0.35	4.99	0.64	1855	1284	0.0146	0.0135	0.0078	0.0004	0.0030	0.0089	0.0017	0.0010	0.0002	0.0031	0.0262
326	2025	ALT2	WB	AM	Ramp																	
327	2025	ALT2	WB	AM	Ramp																	
328	2025	ALT2	WB	AM	Ramp	0.03	0.04	0.85	0.10	254	175	0.0016	0.0015	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0003	0.0015
329	2025	ALT2	WB	AM	Ramp	0.11	0.15	2.34	0.29	844	583	0.0064	0.0059	0.0035	0.0002	0.0012	0.0037	0.0008	0.0005	0.0001	0.0013	0.0095
330	2025	ALT2	WB	AM	Ramp	0.02	0.02	0.52	0.07	157	109	0.0011	0.0010	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0017
331	2025	ALT2	WB	AM	Ramp	0.14	0.19	3.86	0.50	1188	826	0.0083	0.0076	0.0043	0.0002	0.0016	0.0047	0.0010	0.0005	0.0001	0.0025	0.0126
332	2025	ALT2	WB	AM	Ramp	0.03	0.04	0.85	0.12	247	173	0.0018	0.0016	0.0009	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0007	0.0032
333	2025	ALT2	WB	AM	Ramp	0.09	0.13	2.62	0.36	802	560	0.0058	0.0053	0.0029	0.0001	0.0012	0.0034	0.0006	0.0003	0.0001	0.0021	0.0103
334	2025	ALT2	WB	AM	Ramp	0.05	0.06	1.38	0.18	412	287	0.0028	0.0026	0.0015	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0010	0.0046
335	2025	ALT2	WB	AM	Ramp	0.14	0.20	3.82	0.56	1228	865	0.0097	0.0090	0.0045	0.0002	0.0022	0.0059	0.0010	0.0005	0.0001	0.0040	0.0211
336	2025	ALT2	WB	AM	Ramp	0.11	0.15	2.84	0.41	916	643	0.0071	0.0066	0.0034	0.0002	0.0015	0.0043	0.0007	0.0004	0.0001	0.0028	0.0146
337	2025	ALT2	WB	AM	Ramp	0.04	0.05	0.91	0.20	326	241	0.0036	0.0033	0.0011	0.0000	0.0010	0.0024	0.0002	0.0001	0.0000	0.0024	0.0124
338	2025	ALT2	WB	AM	Ramp	0.04	0.06	1.03	0.20	354	258	0.0036	0.0033	0.0012	0.0001	0.0010	0.0024	0.0003	0.0001	0.0000	0.0022	0.0113
339	2025	ALT2	WB	AM	Ramp	0.13	0.17	4.07	0.57	1164	813	0.0080	0.0074	0.0040	0.0002	0.0015	0.0045	0.0009	0.0004	0.0001	0.0037	0.0118
340	2025	ALT2	WB	AM	Ramp	0.68	0.91	16.46	2.84	5630	4035	0.0515	0.0476	0.0206	0.0010	0.0133	0.0335	0.0043	0.0022	0.0004	0.0264	0.1440
341	2025	ALT2	WB	AM	Ramp	0.65	0.89	13.90	2.46	5153	3690	0.0491	0.0454	0.0199	0.0009	0.0126	0.0319	0.0041	0.0023	0.0004	0.0235	0.1362
342	2025	ALT2	WB	AM	Ramp	0.09	0.12	2.17	0.29	716	498	0.0053	0.0049	0.0027	0.0001	0.0010	0.0030	0.0006	0.0003	0.0001	0.0016	0.0084
343	2025	ALT2	WB	AM	Ramp	0.07	0.09	0.92	0.26	424	318	0.0052	0.0048	0.0020	0.0001	0.0028	0.0061	0.0004	0.0002	0.0000	0.0033	0.0352
344	2025	ALT2	WB	AM	Ramp	0.07	0.09	1.69	0.23	549	383	0.0041	0.0038	0.0021	0.0001	0.0008	0.0023	0.0004	0.0002	0.0000	0.0013	0.0068
345	2025	ALT2	WB	AM	Ramp	0.02	0.03	0.32	0.07	135	98	0.0015	0.0014	0.0006	0.0000	0.0006	0.0014	0.0001	0.0001	0.0000	0.0008	0.0072
346	2025	ALT2	WB	AM	Ramp	0.03	0.05	0.60	0.11	239	171	0.0023	0.0021	0.0010	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0010	0.0088
347	2025	ALT2	WB	AM	Ramp	0.04	0.05	0.88	0.11	300	207	0.0022	0.0020	0.0012	0.0001	0.0004	0.0012	0.0003	0.0001	0.0000	0.0005	0.0026
348	2025	ALT2	WB	AM	Ramp	0.36	0.50	9.17	1.27	3002	2099	0.0229	0.0212	0.0112	0.0006	0.0047	0.0134	0.0024	0.0013	0.0002	0.0078	0.0418
349	2025	ALT2	WB	AM	Ramp	0.04	0.05	0.94	0.15	308	220	0.0027	0.0025	0.0011	0.0001	0.0007	0.0017	0.0002	0.0001	0.0000	0.0013	0.0069
350	2025	ALT2	WB	AM	Ramp	0.05	0.07	1.70	0.21	487	337	0.0031	0.0028	0.0017	0.0001	0.0006	0.0017	0.0004	0.0002	0.0000	0.0009	0.0040
351	2025	ALT2	WB	AM	Ramp	0.03	0.04	0.47	0.14	214	162	0.0028	0.0026	0.0009	0.0000	0.0012	0.0027	0.0002	0.0001	0.0000	0.0019	0.0155
352	2025	ALT2	WB	AM	Ramp	0.02	0.03	0.56	0.07	193	133	0.0014	0.0013	0.0008	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0003	0.0018
353	2025	ALT2	WB	AM	Ramp	0.06	0.08	1.62	0.21	497	345	0.0034	0.0032	0.0018	0.0001	0.0007	0.0020	0.0004	0.0002	0.0000	0.0011	0.0053
354	2025	ALT2	WB	AM	Ramp	0.25	0.35	4.26	0.62	1728	1205	0.0150	0.0139	0.0078	0.0004	0.0042	0.0112	0.0016	0.0010	0.0002	0.0038	0.0439
355	2025	ALT2	WB	AM	Ramp	0.05	0.07	1.19	0.16	410	285	0.0031	0.0029	0.0016	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0008	0.0046
356	2025	ALT2	WB	AM	Ramp	0.11	0.16	1.97	0.25	792	546	0.0065	0.0060	0.0035	0.0002	0.0013	0.0040	0.0008	0.0005	0.0001	0.0011	0.0117
357	2025	ALT2	WB	AM	Ramp	0.22	0.32	3.65	0.47	1541	1061	0.0131	0.0121	0.0071	0.0004	0.0026	0.0079	0.0015	0.0010	0.0001	0.0019	0.0227
358	2025	ALT2	WB	AM	Ramp	0.12	0.17	1.50	0.32	695	500	0.0073	0.0068	0.0036	0.0001	0.0039	0.0089	0.0007	0.0004	0.0001	0.0029	0.0479
359	2025	ALT2	WB	AM	Ramp	0.14	0.21	2.21	0.29	975	670	0.0085	0.0079	0.0046	0.0002	0.0016	0.0049	0.0010	0.0007	0.0001	0.0010	0.0133
360	2025	ALT2	WB	AM	Ramp	0.08	0.11	1.29	0.21	540	380	0.0050	0.0046	0.0025	0.0001	0.0017	0.0043	0.0005	0.0003	0.0000	0.0015	0.0195
361	2025	ALT2	WB	AM	Ramp	0.09	0.12	1.28	0.18	563	389	0.0050	0.0046	0.0027	0.0001	0.0012	0.0034	0.0006	0.0004	0.0001	0.0008	0.0119
362	2025	ALT2	WB	AM	Ramp	0.04	0.06	1.07	0.16	367	258	0.0030	0.0028	0.0014	0.0001	0.0006	0.0018	0.0003	0.0002	0.0000	0.0011	0.0061
363	2025	ALT2	WB	AM	Ramp	0.15	0.21	2.68	0.33	1064	732	0.0086	0.0079	0.0047	0.0002	0.0016	0.0050	0.0010	0.0006	0.0001	0.0013	0.0135
364	2025	ALT2	WB	AM	HOV																	
365	2025	ALT2	WB	AM	HOV																	
366	2025	ALT2	WB	AM	HOV	0.10	0.13	2.84	0.35	811	552	0.0034	0.0032	0.0031	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
367	2025	ALT2	WB	AM	HOV	0.19	0.25	5.52	0.68	1575	1072	0.0067	0.0062	0.0060	0.0003	0.0011	0.0045	0.0014	0.0005	0.0001	0.0008	0.0014
368	2025	ALT2	WB	AM	HOV	0.12	0.16	3.52	0.43	1004	684	0.0043	0.0040	0.0038	0.0002	0.0007	0.0029	0.0009	0.0003	0.0000	0.0005	0.0009
369	2025	ALT2	WB	AM	HOV	0.10	0.13	2.92	0.36	832	567	0.0035	0.0033	0.0032	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0008
370	2025	ALT2	WB	AM	HOV	0.09	0.12	2.75	0.34	781	532	0.0033	0.0031	0.0030	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0004	0.0007
371	2025	ALT2	WB	AM	HOV	0.09	0.12	2.61	0.32	740	504	0.0031	0.0029	0.0028	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0004	0.0007

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
372	2025	ALT2	WB	AM	HOV	0.09	0.12	2.71	0.33	771	525	0.0033	0.0030	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0004	0.0007
373	2025	ALT2	WB	AM	HOV	0.04	0.06	1.25	0.15	355	242	0.0015	0.0014	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
374	2025	ALT2	WB	AM	HOV	0.07	0.09	1.93	0.24	549	374	0.0023	0.0022	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
375	2025	ALT2	WB	AM	HOV	0.04	0.06	1.26	0.15	359	245	0.0015	0.0014	0.0014	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
376	2025	ALT2	WB	AM	HOV	0.19	0.25	5.67	0.69	1612	1098	0.0069	0.0063	0.0061	0.0003	0.0012	0.0046	0.0014	0.0005	0.0001	0.0008	0.0015
377	2025	ALT2	WB	AM	HOV	0.06	0.08	1.89	0.23	537	366	0.0023	0.0021	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0003	0.0005
378	2025	ALT2	WB	AM	HOV	0.03	0.04	0.88	0.11	250	171	0.0011	0.0010	0.0009	0.0001	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
379	2025	ALT2	WB	AM	HOV	0.11	0.14	3.29	0.39	908	619	0.0039	0.0036	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0009
380	2025	ALT2	WB	AM	HOV	0.05	0.07	1.70	0.20	470	320	0.0020	0.0019	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
381	2025	ALT2	WB	AM	HOV	0.06	0.08	1.97	0.23	543	370	0.0023	0.0022	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0003	0.0005
382	2025	ALT2	WB	AM	HOV	0.06	0.08	1.83	0.22	505	344	0.0022	0.0020	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
383	2025	ALT2	WB	AM	HOV	0.09	0.12	2.84	0.34	783	533	0.0034	0.0031	0.0029	0.0002	0.0005	0.0022	0.0007	0.0003	0.0000	0.0004	0.0008
384	2025	ALT2	WB	AM	HOV	0.03	0.04	0.99	0.12	272	185	0.0012	0.0011	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
385	2025	ALT2	WB	AM	HOV	0.08	0.10	2.45	0.29	677	461	0.0029	0.0027	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0007
386	2025	ALT2	WB	AM	HOV	0.08	0.11	2.49	0.30	688	469	0.0030	0.0027	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0007
387	2025	ALT2	WB	AM	HOV	0.20	0.26	6.22	0.74	1715	1168	0.0074	0.0068	0.0063	0.0003	0.0012	0.0048	0.0014	0.0006	0.0001	0.0008	0.0016
388	2025	ALT2	WB	AM	HOV	0.06	0.08	1.85	0.22	511	348	0.0022	0.0020	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
389	2025	ALT2	WB	AM	HOV	0.05	0.07	1.62	0.19	447	304	0.0019	0.0018	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
390	2025	ALT2	WB	AM	HOV	0.04	0.05	1.15	0.14	334	228	0.0014	0.0013	0.0013	0.0001	0.0002	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
391	2025	ALT2	WB	AM	HOV	0.08	0.10	2.22	0.28	646	440	0.0027	0.0025	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0006
392	2025	ALT2	WB	AM	HOV	0.01	0.01	0.29	0.04	84	57	0.0004	0.0003	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
393	2025	ALT2	WB	AM	HOV	0.14	0.18	3.85	0.48	1117	761	0.0047	0.0044	0.0043	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0010
394	2025	ALT2	WB	AM	HOV	0.02	0.03	0.55	0.07	159	108	0.0007	0.0006	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0001
395	2025	ALT2	WB	AM	HOV	0.05	0.07	1.49	0.19	432	294	0.0018	0.0017	0.0017	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0004
396	2025	ALT2	WB	AM	HOV	0.09	0.12	2.59	0.32	752	512	0.0032	0.0030	0.0029	0.0002	0.0006	0.0022	0.0007	0.0002	0.0000	0.0004	0.0007
397	2025	ALT2	WB	AM	HOV	0.05	0.07	1.52	0.19	440	300	0.0019	0.0017	0.0017	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0004
398	2025	ALT2	WB	AM	HOV	0.04	0.05	1.06	0.13	307	209	0.0013	0.0012	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0003
399	2025	ALT2	WB	AM	HOV	0.06	0.08	1.70	0.21	494	337	0.0021	0.0019	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
400	2025	ALT2	WB	AM	HOV	0.19	0.25	5.30	0.66	1538	1048	0.0065	0.0060	0.0059	0.0003	0.0011	0.0045	0.0014	0.0005	0.0001	0.0008	0.0014
401	2025	ALT2	WB	AM	HOV	0.08	0.10	2.21	0.27	629	429	0.0027	0.0025	0.0024	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0006
402	2025	ALT2	WB	AM	HOV	0.13	0.17	3.77	0.46	1071	730	0.0046	0.0042	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0010
403	2025	ALT2	WB	AM	HOV	0.09	0.12	2.70	0.33	767	523	0.0033	0.0030	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0004	0.0007
404	2025	ALT2	WB	AM	HOV	0.09	0.12	2.60	0.32	740	504	0.0031	0.0029	0.0028	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0004	0.0007
405	2025	ALT2	WB	AM	HOV	0.06	0.08	1.90	0.23	539	367	0.0023	0.0021	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0003	0.0005
406	2025	ALT2	WB	AM	HOV	0.10	0.12	2.80	0.34	797	543	0.0034	0.0031	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
407	2025	ALT2	WB	AM	HOV	0.06	0.08	1.69	0.21	482	328	0.0020	0.0019	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
408	2025	ALT2	WB	AM	HOV	0.10	0.13	3.01	0.37	855	582	0.0036	0.0034	0.0032	0.0002	0.0006	0.0025	0.0007	0.0003	0.0000	0.0004	0.0008
409	2025	ALT2	WB	AM	HOV	0.07	0.09	2.03	0.25	578	394	0.0025	0.0023	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
410	2025	ALT2	WB	AM	HOV	0.09	0.11	2.48	0.31	718	489	0.0030	0.0028	0.0028	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0004	0.0006
411	2025	ALT2	WB	AM	HOV	0.06	0.08	1.65	0.20	478	325	0.0020	0.0019	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
412	2025	ALT2	WB	AM	HOV	0.28	0.37	7.96	0.99	2309	1573	0.0098	0.0091	0.0089	0.0005	0.0017	0.0068	0.0020	0.0008	0.0001	0.0011	0.0021
413	2025	ALT2	WB	AM	HOV	0.11	0.14	3.06	0.38	888	605	0.0038	0.0035	0.0034	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0008
414	2025	ALT2	WB	AM	HOV	0.06	0.08	1.63	0.20	474	323	0.0020	0.0019	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
415	2025	ALT2	WB	AM	HOV	0.03	0.04	0.84	0.10	242	165	0.0010	0.0010	0.0009	0.0001	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
416	2025	ALT2	WB	AM	HOV	0.13	0.16	3.56	0.44	1033	704	0.0044	0.0041	0.0040	0.0002	0.0008	0.0030	0.0009	0.0003	0.0001	0.0005	0.0009
417	2025	ALT2	WB	AM	HOV	0.03	0.04	0.84	0.10	242	165	0.0010	0.0010	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
418	2025	ALT2	WB	AM	HOV	0.00	0.01	0.13	0.02	38	26	0.0002	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
419	2025	ALT2	WB	AM	HOV	0.07	0.08	1.82	0.23	529	360	0.0022	0.0021	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0003	0.0005

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
420	2025	ALT2	WB	AM	HOV	0.10	0.14	3.28	0.39	902	614	0.0039	0.0036	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0009
421	2025	ALT2	WB	AM	HOV	0.12	0.15	3.69	0.44	1014	690	0.0044	0.0041	0.0037	0.0002	0.0007	0.0028	0.0008	0.0003	0.0001	0.0005	0.0010
422	2025	ALT2	WB	AM	HOV	0.12	0.16	3.80	0.45	1043	710	0.0045	0.0042	0.0038	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0010
423	2025	ALT2	WB	AM	HOV	0.11	0.15	3.59	0.43	987	673	0.0043	0.0040	0.0036	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0005	0.0010
424	2025	ALT2	WB	AM	HOV	0.09	0.11	2.74	0.33	754	513	0.0033	0.0030	0.0028	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0007
425	2025	ALT2	WB	AM	HOV	0.26	0.34	8.23	0.98	2260	1539	0.0098	0.0090	0.0082	0.0004	0.0016	0.0062	0.0019	0.0008	0.0001	0.0010	0.0022
426	2025	ALT2	WB	AM	HOV	0.06	0.08	2.01	0.24	553	376	0.0024	0.0022	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0003	0.0005
427	2025	ALT2	WB	AM	HOV	0.09	0.12	2.85	0.34	782	533	0.0034	0.0031	0.0029	0.0002	0.0005	0.0022	0.0007	0.0003	0.0000	0.0004	0.0008
428	2025	ALT2	WB	AM	HOV	0.08	0.10	2.50	0.30	687	468	0.0030	0.0028	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0007
429	2025	ALT2	WB	AM	HOV	0.15	0.20	4.79	0.57	1314	895	0.0057	0.0053	0.0048	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0013
430	2025	ALT2	WB	AM	HOV	0.12	0.16	3.87	0.46	1066	726	0.0046	0.0043	0.0039	0.0002	0.0007	0.0030	0.0009	0.0004	0.0001	0.0005	0.0010
431	2025	ALT2	WB	AM	HOV	0.08	0.11	2.58	0.31	711	484	0.0031	0.0028	0.0026	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0007
432	2025	ALT2	WB	AM	HOV	0.08	0.10	2.46	0.29	677	461	0.0029	0.0027	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0007
433	2025	ALT2	WB	AM	HOV	0.15	0.20	5.05	0.57	1343	914	0.0061	0.0057	0.0047	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0014
434	2025	ALT2	WB	AM	HOV	0.18	0.24	5.95	0.67	1581	1077	0.0072	0.0067	0.0056	0.0003	0.0010	0.0042	0.0013	0.0006	0.0001	0.0007	0.0017
435	2025	ALT2	WB	AM	HOV	0.14	0.18	4.59	0.52	1220	831	0.0055	0.0051	0.0043	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0013
436	2025	ALT2	WB	AM	HOV	0.11	0.15	3.86	0.43	1026	699	0.0047	0.0043	0.0036	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0011
437	2025	ALT2	WB	AM	HOV	0.11	0.14	3.57	0.40	948	645	0.0043	0.0040	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0010
216	2025	ALT2	WB	MD	Mainline	1.43	1.77	28.17	8.08	11760	8827	0.2449	0.2256	0.0421	0.0019	0.0300	0.0733	0.0088	0.0029	0.0013	0.2148	0.3197
217	2025	ALT2	WB	MD	Mainline	2.58	3.21	51.19	15.19	21619	16307	0.4648	0.4280	0.0759	0.0034	0.0572	0.1382	0.0158	0.0053	0.0024	0.4108	0.6222
218	2025	ALT2	WB	MD	Mainline	1.86	2.32	37.08	10.33	15292	11435	0.3081	0.2838	0.0552	0.0025	0.0380	0.0936	0.0117	0.0039	0.0016	0.2683	0.3997
219	2025	ALT2	WB	MD	Mainline	2.55	3.18	52.65	14.90	21639	16252	0.4358	0.4013	0.0753	0.0034	0.0559	0.1355	0.0157	0.0053	0.0023	0.3808	0.6063
220	2025	ALT2	WB	MD	Mainline	1.52	1.89	31.18	8.22	12504	9298	0.2343	0.2158	0.0451	0.0021	0.0299	0.0743	0.0095	0.0032	0.0013	0.2009	0.3108
221	2025	ALT2	WB	MD	Mainline	1.31	1.63	27.32	7.42	11026	8239	0.2116	0.1949	0.0387	0.0018	0.0275	0.0672	0.0081	0.0028	0.0011	0.1829	0.2933
222	2025	ALT2	WB	MD	Mainline	1.57	1.97	32.74	8.35	12933	9578	0.2320	0.2137	0.0468	0.0022	0.0300	0.0752	0.0100	0.0033	0.0013	0.1968	0.3079
223	2025	ALT2	WB	MD	Mainline	0.76	0.95	16.02	3.99	6259	4624	0.1089	0.1003	0.0227	0.0011	0.0142	0.0359	0.0048	0.0016	0.0006	0.0917	0.1454
224	2025	ALT2	WB	MD	Mainline	0.89	1.12	19.11	4.33	7212	5264	0.1111	0.1023	0.0269	0.0013	0.0148	0.0386	0.0058	0.0020	0.0006	0.0902	0.1419
225	2025	ALT2	WB	MD	Mainline	0.57	0.71	11.99	2.77	4561	3336	0.0722	0.0665	0.0170	0.0008	0.0095	0.0247	0.0037	0.0012	0.0004	0.0591	0.0922
226	2025	ALT2	WB	MD	Mainline	2.57	3.21	52.61	12.35	20326	14876	0.3322	0.3060	0.0772	0.0037	0.0426	0.1109	0.0167	0.0055	0.0019	0.2738	0.4087
227	2025	ALT2	WB	MD	Mainline	1.00	1.25	20.52	4.55	7789	5659	0.1181	0.1088	0.0302	0.0015	0.0153	0.0408	0.0066	0.0022	0.0007	0.0950	0.1405
228	2025	ALT2	WB	MD	Mainline	0.59	0.74	12.17	2.56	4530	3269	0.0633	0.0584	0.0178	0.0009	0.0084	0.0228	0.0039	0.0013	0.0004	0.0495	0.0735
229	2025	ALT2	WB	MD	Mainline	3.73	4.69	80.32	17.13	29664	21481	0.4190	0.3862	0.1127	0.0055	0.0566	0.1515	0.0246	0.0082	0.0025	0.3303	0.5184
230	2025	ALT2	WB	MD	Mainline	1.02	1.28	22.01	4.42	7970	5727	0.1027	0.0947	0.0308	0.0015	0.0141	0.0388	0.0068	0.0023	0.0006	0.0781	0.1221
231	2025	ALT2	WB	MD	Mainline	1.03	1.30	22.83	4.72	8282	5978	0.1109	0.1022	0.0312	0.0015	0.0153	0.0413	0.0068	0.0023	0.0007	0.0859	0.1387
232	2025	ALT2	WB	MD	Mainline	0.98	1.23	20.60	4.49	7720	5600	0.1132	0.1043	0.0297	0.0014	0.0150	0.0400	0.0065	0.0021	0.0007	0.0902	0.1372
233	2025	ALT2	WB	MD	Mainline	3.02	3.81	68.85	15.25	25203	18392	0.3669	0.3381	0.0906	0.0043	0.0523	0.1346	0.0195	0.0068	0.0021	0.2939	0.5158
234	2025	ALT2	WB	MD	Mainline	0.50	0.63	11.12	2.42	4086	2970	0.0586	0.0540	0.0150	0.0007	0.0081	0.0212	0.0032	0.0011	0.0003	0.0466	0.0771
235	2025	ALT2	WB	MD	Mainline	1.91	2.41	43.76	9.66	15978	11657	0.2311	0.2130	0.0574	0.0027	0.0331	0.0852	0.0123	0.0043	0.0014	0.1848	0.3263
236	2025	ALT2	WB	MD	Mainline	1.41	1.78	32.94	6.69	11628	8395	0.1488	0.1372	0.0425	0.0021	0.0218	0.0580	0.0092	0.0032	0.0009	0.1136	0.2029
237	2025	ALT2	WB	MD	Mainline	2.16	2.72	46.76	10.11	17320	12567	0.2491	0.2296	0.0653	0.0032	0.0337	0.0894	0.0142	0.0048	0.0015	0.1977	0.3130
238	2025	ALT2	WB	MD	Mainline	0.69	0.87	15.15	3.21	5547	4016	0.0771	0.0710	0.0208	0.0010	0.0106	0.0282	0.0045	0.0015	0.0005	0.0605	0.0975
239	2025	ALT2	WB	MD	Mainline	0.61	0.77	13.54	2.85	4941	3575	0.0680	0.0626	0.0185	0.0009	0.0094	0.0250	0.0040	0.0014	0.0004	0.0532	0.0862
240	2025	ALT2	WB	MD	Mainline	0.78	0.99	17.42	3.50	6253	4498	0.0800	0.0738	0.0237	0.0012	0.0112	0.0305	0.0052	0.0018	0.0005	0.0609	0.0985
241	2025	ALT2	WB	MD	Mainline	2.75	3.46	61.34	12.79	22250	16084	0.3010	0.2774	0.0831	0.0040	0.0417	0.1117	0.0181	0.0062	0.0018	0.2342	0.3833
242	2025	ALT2	WB	MD	Mainline	0.18	0.23	3.86	0.83	1438	1043	0.0208	0.0192	0.0055	0.0003	0.0028	0.0074	0.0012	0.0004	0.0001	0.0165	0.0255
243	2025	ALT2	WB	MD	Mainline	2.20	2.77	47.82	10.54	17797	12948	0.2625	0.2419	0.0664	0.0032	0.0355	0.0933	0.0144	0.0049	0.0015	0.2104	0.3363
244	2025	ALT2	WB	MD	Mainline	0.34	0.43	7.23	1.58	2704	1963	0.0397	0.0366	0.0103	0.0005	0.0053	0.0140	0.0022	0.0007	0.0002	0.0317	0.0488
245	2025	ALT2	WB	MD	Mainline	2.08	2.62	45.21	10.02	16855	12271	0.2504	0.2307	0.0627	0.0030	0.0338	0.0887	0.0136	0.0046	0.0015	0.2011	0.3218

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
246	2025	ALT2	WB	MD	Mainline	1.63	2.05	34.52	7.58	12929	9392	0.1911	0.1761	0.0492	0.0024	0.0254	0.0674	0.0107	0.0036	0.0011	0.1528	0.2359
247	2025	ALT2	WB	MD	Mainline	2.07	2.60	44.52	10.08	16758	12231	0.2571	0.2369	0.0623	0.0030	0.0344	0.0896	0.0134	0.0045	0.0015	0.2086	0.3313
248	2025	ALT2	WB	MD	Mainline	0.74	0.93	16.13	3.33	5877	4239	0.0787	0.0726	0.0224	0.0011	0.0108	0.0292	0.0049	0.0016	0.0005	0.0609	0.0964
249	2025	ALT2	WB	MD	Mainline	2.38	2.99	50.56	10.72	18715	13536	0.2631	0.2425	0.0719	0.0035	0.0353	0.0951	0.0157	0.0052	0.0016	0.2068	0.3187
250	2025	ALT2	WB	MD	Mainline	3.75	4.73	81.94	17.11	29948	21637	0.4088	0.3767	0.1136	0.0056	0.0559	0.1505	0.0248	0.0084	0.0025	0.3184	0.5062
251	2025	ALT2	WB	MD	Mainline	2.75	3.46	60.91	13.16	22391	16259	0.3195	0.2944	0.0829	0.0040	0.0439	0.1157	0.0180	0.0061	0.0019	0.2534	0.4145
252	2025	ALT2	WB	MD	Mainline	2.27	2.86	49.29	10.51	18166	13157	0.2560	0.2359	0.0687	0.0033	0.0347	0.0928	0.0150	0.0050	0.0015	0.2017	0.3192
253	2025	ALT2	WB	MD	Mainline	1.63	2.05	35.30	7.52	13010	9423	0.1833	0.1690	0.0492	0.0024	0.0249	0.0664	0.0107	0.0036	0.0011	0.1445	0.2286
254	2025	ALT2	WB	MD	Mainline	1.38	1.73	28.96	6.69	11061	8086	0.1759	0.1621	0.0416	0.0020	0.0230	0.0599	0.0090	0.0030	0.0010	0.1440	0.2213
255	2025	ALT2	WB	MD	Mainline	2.28	2.86	48.02	11.71	18638	13726	0.3163	0.2914	0.0683	0.0032	0.0413	0.1050	0.0146	0.0049	0.0018	0.2644	0.4143
256	2025	ALT2	WB	MD	Mainline	1.70	2.13	36.71	7.88	13561	9830	0.1929	0.1778	0.0512	0.0025	0.0261	0.0696	0.0111	0.0038	0.0011	0.1526	0.2415
257	2025	ALT2	WB	MD	Mainline	2.08	2.62	46.31	10.14	17074	12423	0.2478	0.2283	0.0627	0.0030	0.0341	0.0892	0.0136	0.0046	0.0015	0.1979	0.3265
258	2025	ALT2	WB	MD	Mainline	2.02	2.53	42.55	9.06	15814	11441	0.2244	0.2068	0.0610	0.0030	0.0299	0.0806	0.0133	0.0044	0.0013	0.1768	0.2698
259	2025	ALT2	WB	MD	Mainline	2.95	3.70	61.89	13.25	23071	16700	0.3303	0.3044	0.0892	0.0044	0.0438	0.1180	0.0195	0.0064	0.0020	0.2610	0.3958
260	2025	ALT2	WB	MD	Mainline	1.98	2.49	42.03	8.92	15569	11262	0.2193	0.2021	0.0599	0.0029	0.0294	0.0792	0.0131	0.0043	0.0013	0.1725	0.2655
261	2025	ALT2	WB	MD	Mainline	2.36	2.96	50.39	11.08	18827	13684	0.2781	0.2563	0.0711	0.0034	0.0372	0.0983	0.0154	0.0052	0.0016	0.2226	0.3482
262	2025	ALT2	WB	MD	Mainline	5.96	7.47	123.83	28.43	47304	34540	0.7475	0.6887	0.1793	0.0086	0.0972	0.2546	0.0388	0.0129	0.0043	0.6104	0.9261
263	2025	ALT2	WB	MD	Mainline	2.87	3.59	60.38	14.15	23118	16936	0.3732	0.3439	0.0860	0.0041	0.0490	0.1265	0.0185	0.0062	0.0021	0.3073	0.4782
264	2025	ALT2	WB	MD	Mainline	1.08	1.35	24.26	5.89	9180	6783	0.1499	0.1381	0.0320	0.0015	0.0213	0.0530	0.0068	0.0024	0.0008	0.1247	0.2235
265	2025	ALT2	WB	MD	Mainline	0.60	0.76	13.22	3.20	5061	3731	0.0840	0.0774	0.0180	0.0008	0.0114	0.0286	0.0038	0.0013	0.0005	0.0700	0.1164
266	2025	ALT2	WB	MD	Mainline	2.05	2.56	44.01	11.43	17338	12896	0.3132	0.2885	0.0607	0.0028	0.0418	0.1031	0.0128	0.0044	0.0017	0.2672	0.4428
267	2025	ALT2	WB	MD	Mainline	0.65	0.81	14.20	3.62	5522	4102	0.0967	0.0891	0.0192	0.0009	0.0133	0.0328	0.0040	0.0014	0.0005	0.0820	0.1413
268	2025	ALT2	WB	MD	Mainline	0.13	0.16	2.63	0.68	1046	777	0.0192	0.0177	0.0038	0.0002	0.0025	0.0062	0.0008	0.0003	0.0001	0.0164	0.0257
269	2025	ALT2	WB	MD	Mainline	2.99	3.74	65.70	17.51	25872	19351	0.4717	0.4344	0.0880	0.0039	0.0664	0.1603	0.0183	0.0064	0.0026	0.4044	0.7246
270	2025	ALT2	WB	MD	Mainline	1.29	1.61	28.02	7.78	11236	8448	0.2143	0.1974	0.0378	0.0017	0.0300	0.0717	0.0078	0.0027	0.0011	0.1859	0.3323
271	2025	ALT2	WB	MD	Mainline	1.90	2.38	42.77	12.00	16994	12837	0.3173	0.2923	0.0554	0.0024	0.0481	0.1130	0.0112	0.0041	0.0017	0.2750	0.5485
272	2025	ALT2	WB	MD	Mainline	1.39	1.74	31.82	8.75	12459	9406	0.2250	0.2072	0.0404	0.0017	0.0357	0.0836	0.0082	0.0030	0.0012	0.1937	0.4090
273	2025	ALT2	WB	MD	Mainline	1.44	1.81	31.80	8.75	12657	9513	0.2373	0.2186	0.0424	0.0019	0.0339	0.0809	0.0087	0.0031	0.0013	0.2052	0.3765
274	2025	ALT2	WB	MD	Mainline	1.68	2.10	36.38	10.17	14637	11015	0.2814	0.2591	0.0492	0.0022	0.0393	0.0938	0.0101	0.0036	0.0015	0.2445	0.4372
275	2025	ALT2	WB	MD	Mainline	3.22	4.04	69.52	18.84	27748	20772	0.5216	0.4804	0.0951	0.0043	0.0709	0.1718	0.0198	0.0069	0.0028	0.4500	0.7712
276	2025	ALT2	WB	MD	Mainline	0.88	1.10	18.61	4.96	7440	5547	0.1393	0.1283	0.0262	0.0012	0.0182	0.0448	0.0055	0.0019	0.0008	0.1198	0.1935
277	2025	ALT2	WB	MD	Mainline	1.86	2.33	39.95	11.05	16093	12078	0.3096	0.2852	0.0549	0.0024	0.0419	0.1010	0.0114	0.0040	0.0016	0.2686	0.4595
278	2025	ALT2	WB	MD	Mainline	0.95	1.19	19.90	5.93	8315	6296	0.1746	0.1608	0.0279	0.0012	0.0230	0.0545	0.0057	0.0020	0.0009	0.1544	0.2570
279	2025	ALT2	WB	MD	Mainline	1.76	2.20	38.69	11.20	15669	11871	0.3054	0.2813	0.0511	0.0022	0.0450	0.1053	0.0104	0.0037	0.0016	0.2671	0.5134
280	2025	ALT2	WB	MD	Mainline	1.87	2.35	41.66	11.81	16695	12616	0.3179	0.2928	0.0547	0.0024	0.0471	0.1107	0.0111	0.0040	0.0017	0.2765	0.5348
281	2025	ALT2	WB	MD	Mainline	1.35	1.71	32.08	8.52	12257	9237	0.2091	0.1926	0.0394	0.0017	0.0355	0.0828	0.0079	0.0030	0.0012	0.1779	0.4092
282	2025	ALT2	WB	MD	Mainline	2.01	2.52	45.69	12.74	18029	13628	0.3312	0.3050	0.0584	0.0025	0.0520	0.1215	0.0118	0.0043	0.0018	0.2863	0.5961
283	2025	ALT2	WB	MD	Mainline	1.85	2.33	43.01	11.70	16689	12596	0.2950	0.2717	0.0538	0.0023	0.0483	0.1127	0.0109	0.0040	0.0016	0.2529	0.5555
284	2025	ALT2	WB	MD	Mainline	2.26	2.85	54.78	14.18	20542	15462	0.3344	0.3080	0.0657	0.0028	0.0602	0.1399	0.0132	0.0050	0.0019	0.2813	0.6973
285	2025	ALT2	WB	MD	Mainline	1.66	2.08	38.16	10.52	14944	11287	0.2698	0.2485	0.0483	0.0021	0.0431	0.1007	0.0098	0.0036	0.0015	0.2323	0.4948
286	2025	ALT2	WB	MD	Mainline	1.40	1.75	31.85	8.92	12575	9515	0.2310	0.2127	0.0406	0.0017	0.0367	0.0855	0.0082	0.0030	0.0012	0.1998	0.4227
287	2025	ALT2	WB	MD	Mainline	2.55	3.19	55.80	16.53	22850	17365	0.4558	0.4197	0.0741	0.0031	0.0671	0.1562	0.0149	0.0054	0.0024	0.4008	0.7713
288	2025	ALT2	WB	MD	Mainline	0.29	0.36	6.57	1.74	2552	1911	0.0452	0.0416	0.0085	0.0004	0.0067	0.0161	0.0018	0.0006	0.0002	0.0385	0.0744
289	2025	ALT2	WB	MD	Mainline	2.93	3.70	70.37	18.29	26560	19974	0.4408	0.4060	0.0854	0.0037	0.0760	0.1778	0.0172	0.0065	0.0024	0.3723	0.8745
290	2025	ALT2	WB	MD	Ramp	0.08	0.11	2.47	0.31	696	481	0.0043	0.0039	0.0024	0.0001	0.0008	0.0024	0.0005	0.0003	0.0000	0.0013	0.0053
291	2025	ALT2	WB	MD	Ramp	0.10	0.13	2.66	0.34	817	567	0.0056	0.0052	0.0030	0.0002	0.0010	0.0032	0.0007	0.0004	0.0001	0.0016	0.0080
292	2025	ALT2	WB	MD	Ramp	0.02	0.03	0.74	0.09	211	146	0.0013	0.0012	0.0007	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0004	0.0015
293	2025	ALT2	WB	MD	Ramp	0.25	0.35	3.98	0.56	1684	1168	0.0147	0.0136	0.0079	0.0004	0.0039	0.0105	0.0017	0.0010	0.0002	0.0029	0.0383

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
294	2025	ALT2	WB	MD	Ramp	0.07	0.09	1.81	0.24	576	401	0.0042	0.0039	0.0021	0.0001	0.0008	0.0024	0.0005	0.0003	0.0000	0.0013	0.0067
295	2025	ALT2	WB	MD	Ramp	0.23	0.33	3.74	0.50	1588	1096	0.0137	0.0127	0.0074	0.0004	0.0031	0.0089	0.0016	0.0010	0.0002	0.0022	0.0288
296	2025	ALT2	WB	MD	Ramp	0.08	0.11	1.45	0.22	557	392	0.0049	0.0045	0.0024	0.0001	0.0014	0.0036	0.0005	0.0003	0.0000	0.0017	0.0145
297	2025	ALT2	WB	MD	Ramp	1.18	1.52	22.90	6.93	9602	7372	0.1356	0.1250	0.0333	0.0012	0.0445	0.0976	0.0061	0.0028	0.0008	0.1059	0.5586
298	2025	ALT2	WB	MD	Ramp	0.01	0.01	0.28	0.03	85	59	0.0006	0.0005	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0007
299	2025	ALT2	WB	MD	Ramp	0.04	0.05	1.10	0.14	313	217	0.0020	0.0018	0.0011	0.0001	0.0004	0.0011	0.0002	0.0001	0.0000	0.0006	0.0026
300	2025	ALT2	WB	MD	Ramp	0.46	0.62	13.44	1.73	3986	2769	0.0267	0.0247	0.0143	0.0007	0.0051	0.0154	0.0031	0.0016	0.0003	0.0085	0.0402
301	2025	ALT2	WB	MD	Ramp	0.18	0.25	3.76	0.55	1378	967	0.0116	0.0107	0.0056	0.0003	0.0027	0.0075	0.0012	0.0007	0.0001	0.0038	0.0270
302	2025	ALT2	WB	MD	Ramp	0.02	0.03	0.74	0.09	217	150	0.0014	0.0013	0.0008	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0004	0.0020
303	2025	ALT2	WB	MD	Ramp	0.05	0.07	1.30	0.20	425	301	0.0035	0.0033	0.0015	0.0001	0.0008	0.0022	0.0003	0.0002	0.0000	0.0016	0.0085
304	2025	ALT2	WB	MD	Ramp	0.07	0.10	1.73	0.21	574	396	0.0041	0.0038	0.0022	0.0001	0.0007	0.0022	0.0005	0.0003	0.0000	0.0009	0.0046
305	2025	ALT2	WB	MD	Ramp	0.08	0.11	2.09	0.32	683	482	0.0056	0.0051	0.0025	0.0001	0.0013	0.0034	0.0005	0.0003	0.0001	0.0024	0.0126
306	2025	ALT2	WB	MD	Ramp	0.06	0.08	1.53	0.18	488	335	0.0032	0.0030	0.0019	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0006	0.0027
307	2025	ALT2	WB	MD	Ramp	0.14	0.19	2.11	0.31	902	628	0.0081	0.0075	0.0043	0.0002	0.0023	0.0062	0.0009	0.0006	0.0001	0.0018	0.0244
308	2025	ALT2	WB	MD	Ramp	0.11	0.15	2.48	0.35	878	614	0.0071	0.0066	0.0035	0.0002	0.0015	0.0042	0.0007	0.0004	0.0001	0.0023	0.0134
309	2025	ALT2	WB	MD	Ramp	0.11	0.15	1.75	0.30	728	516	0.0069	0.0063	0.0033	0.0001	0.0025	0.0061	0.0007	0.0004	0.0001	0.0024	0.0289
310	2025	ALT2	WB	MD	Ramp	0.45	0.60	11.73	1.94	3819	2728	0.0336	0.0310	0.0136	0.0006	0.0083	0.0213	0.0029	0.0014	0.0003	0.0174	0.0882
311	2025	ALT2	WB	MD	Ramp	0.18	0.25	3.36	0.50	1304	914	0.0112	0.0104	0.0056	0.0003	0.0031	0.0082	0.0012	0.0007	0.0001	0.0034	0.0326
312	2025	ALT2	WB	MD	Ramp	0.05	0.07	1.27	0.18	410	287	0.0031	0.0029	0.0015	0.0001	0.0006	0.0018	0.0003	0.0002	0.0000	0.0011	0.0059
313	2025	ALT2	WB	MD	Ramp	0.35	0.47	10.29	1.49	3098	2181	0.0234	0.0217	0.0109	0.0005	0.0051	0.0140	0.0023	0.0012	0.0002	0.0104	0.0479
314	2025	ALT2	WB	MD	Ramp	0.15	0.22	3.42	0.39	1199	821	0.0085	0.0078	0.0049	0.0003	0.0012	0.0042	0.0011	0.0006	0.0001	0.0011	0.0066
315	2025	ALT2	WB	MD	Ramp	0.15	0.21	3.23	0.47	1173	822	0.0097	0.0090	0.0047	0.0002	0.0022	0.0061	0.0010	0.0006	0.0001	0.0031	0.0214
316	2025	ALT2	WB	MD	Ramp	0.06	0.08	1.46	0.19	466	324	0.0033	0.0031	0.0017	0.0001	0.0006	0.0019	0.0004	0.0002	0.0000	0.0010	0.0053
317	2025	ALT2	WB	MD	Ramp	0.09	0.12	1.79	0.28	670	472	0.0058	0.0054	0.0027	0.0001	0.0015	0.0040	0.0006	0.0003	0.0001	0.0021	0.0157
318	2025	ALT2	WB	MD	Ramp	0.04	0.06	1.23	0.16	380	264	0.0026	0.0024	0.0014	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0039
319	2025	ALT2	WB	MD	Ramp	0.13	0.18	2.89	0.41	1038	726	0.0085	0.0079	0.0042	0.0002	0.0019	0.0052	0.0009	0.0005	0.0001	0.0027	0.0178
320	2025	ALT2	WB	MD	Ramp	0.07	0.10	1.80	0.23	599	415	0.0044	0.0040	0.0023	0.0001	0.0008	0.0024	0.0005	0.0003	0.0000	0.0011	0.0059
321	2025	ALT2	WB	MD	Ramp	0.15	0.21	2.98	0.41	1109	773	0.0091	0.0084	0.0046	0.0002	0.0021	0.0059	0.0010	0.0006	0.0001	0.0024	0.0203
322	2025	ALT2	WB	MD	Ramp	0.08	0.12	1.66	0.23	625	436	0.0051	0.0048	0.0026	0.0001	0.0012	0.0034	0.0006	0.0003	0.0001	0.0014	0.0119
323	2025	ALT2	WB	MD	Ramp	0.17	0.22	4.36	0.71	1413	1009	0.0123	0.0114	0.0050	0.0002	0.0030	0.0078	0.0011	0.0005	0.0001	0.0063	0.0318
324	2025	ALT2	WB	MD	Ramp	0.07	0.10	1.93	0.26	603	420	0.0044	0.0040	0.0022	0.0001	0.0009	0.0025	0.0005	0.0003	0.0000	0.0015	0.0075
325	2025	ALT2	WB	MD	Ramp	0.30	0.41	6.00	0.97	2259	1599	0.0202	0.0187	0.0092	0.0004	0.0055	0.0142	0.0019	0.0011	0.0002	0.0079	0.0588
326	2025	ALT2	WB	MD	Ramp																	
327	2025	ALT2	WB	MD	Ramp																	
328	2025	ALT2	WB	MD	Ramp	0.05	0.07	1.46	0.18	445	308	0.0030	0.0028	0.0016	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0009	0.0042
329	2025	ALT2	WB	MD	Ramp	0.18	0.24	3.69	0.52	1345	939	0.0109	0.0101	0.0055	0.0003	0.0024	0.0069	0.0012	0.0007	0.0001	0.0032	0.0231
330	2025	ALT2	WB	MD	Ramp	0.03	0.05	0.96	0.13	296	207	0.0022	0.0020	0.0011	0.0001	0.0005	0.0013	0.0002	0.0001	0.0000	0.0008	0.0041
331	2025	ALT2	WB	MD	Ramp	0.17	0.23	4.51	0.70	1435	1018	0.0118	0.0109	0.0051	0.0002	0.0028	0.0073	0.0011	0.0006	0.0001	0.0056	0.0282
332	2025	ALT2	WB	MD	Ramp	0.04	0.06	1.26	0.21	390	279	0.0034	0.0032	0.0013	0.0001	0.0008	0.0021	0.0003	0.0001	0.0000	0.0019	0.0084
333	2025	ALT2	WB	MD	Ramp	0.14	0.19	3.62	0.62	1187	852	0.0108	0.0100	0.0042	0.0002	0.0028	0.0069	0.0009	0.0004	0.0001	0.0059	0.0298
334	2025	ALT2	WB	MD	Ramp	0.08	0.10	2.24	0.32	680	479	0.0051	0.0048	0.0024	0.0001	0.0011	0.0031	0.0005	0.0003	0.0000	0.0022	0.0105
335	2025	ALT2	WB	MD	Ramp	0.24	0.32	5.93	1.06	2006	1446	0.0190	0.0175	0.0072	0.0003	0.0050	0.0124	0.0015	0.0008	0.0002	0.0106	0.0553
336	2025	ALT2	WB	MD	Ramp	0.20	0.27	5.11	0.79	1664	1178	0.0137	0.0127	0.0061	0.0003	0.0032	0.0085	0.0013	0.0007	0.0001	0.0061	0.0322
337	2025	ALT2	WB	MD	Ramp	0.12	0.16	2.39	0.66	968	734	0.0127	0.0117	0.0034	0.0001	0.0041	0.0092	0.0006	0.0003	0.0001	0.0095	0.0510
338	2025	ALT2	WB	MD	Ramp	0.10	0.13	2.32	0.45	803	585	0.0082	0.0075	0.0028	0.0001	0.0023	0.0054	0.0006	0.0003	0.0001	0.0050	0.0257
339	2025	ALT2	WB	MD	Ramp	0.22	0.28	6.31	1.08	1947	1393	0.0184	0.0170	0.0066	0.0003	0.0036	0.0095	0.0014	0.0006	0.0001	0.0118	0.0359
340	2025	ALT2	WB	MD	Ramp	1.02	1.34	23.64	5.18	8527	6301	0.0958	0.0884	0.0299	0.0013	0.0280	0.0650	0.0059	0.0028	0.0007	0.0645	0.3315
341	2025	ALT2	WB	MD	Ramp	1.32	1.74	24.54	6.38	10214	7647	0.1270	0.1171	0.0383	0.0015	0.0411	0.0934	0.0073	0.0037	0.0009	0.0859	0.5014

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
342	2025	ALT2	WB	MD	Ramp	0.11	0.14	2.69	0.42	886	629	0.0075	0.0069	0.0032	0.0002	0.0018	0.0047	0.0007	0.0004	0.0001	0.0034	0.0183
343	2025	ALT2	WB	MD	Ramp	0.31	0.41	3.57	0.77	1689	1215	0.0180	0.0166	0.0090	0.0004	0.0100	0.0226	0.0017	0.0010	0.0002	0.0070	0.1232
344	2025	ALT2	WB	MD	Ramp	0.06	0.08	1.49	0.27	508	367	0.0049	0.0045	0.0018	0.0001	0.0013	0.0032	0.0004	0.0002	0.0000	0.0028	0.0147
345	2025	ALT2	WB	MD	Ramp	0.07	0.09	1.04	0.21	438	317	0.0045	0.0042	0.0020	0.0001	0.0019	0.0044	0.0004	0.0002	0.0000	0.0022	0.0231
346	2025	ALT2	WB	MD	Ramp	0.10	0.13	1.69	0.30	678	484	0.0065	0.0060	0.0029	0.0001	0.0023	0.0055	0.0006	0.0003	0.0001	0.0028	0.0263
347	2025	ALT2	WB	MD	Ramp	0.05	0.07	1.19	0.19	412	293	0.0036	0.0033	0.0015	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0016	0.0090
348	2025	ALT2	WB	MD	Ramp	0.51	0.68	13.36	2.18	4337	3093	0.0376	0.0347	0.0155	0.0007	0.0092	0.0238	0.0033	0.0017	0.0003	0.0190	0.0968
349	2025	ALT2	WB	MD	Ramp	0.09	0.12	2.14	0.38	730	526	0.0069	0.0064	0.0026	0.0001	0.0018	0.0045	0.0005	0.0003	0.0001	0.0038	0.0200
350	2025	ALT2	WB	MD	Ramp	0.12	0.16	3.70	0.49	1075	749	0.0072	0.0067	0.0038	0.0002	0.0014	0.0042	0.0008	0.0004	0.0001	0.0026	0.0116
351	2025	ALT2	WB	MD	Ramp	0.14	0.19	2.03	0.47	886	651	0.0099	0.0091	0.0041	0.0002	0.0047	0.0106	0.0008	0.0004	0.0001	0.0054	0.0584
352	2025	ALT2	WB	MD	Ramp	0.06	0.08	1.30	0.16	448	309	0.0033	0.0030	0.0018	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0007	0.0039
353	2025	ALT2	WB	MD	Ramp	0.13	0.18	3.58	0.49	1122	785	0.0083	0.0077	0.0041	0.0002	0.0017	0.0049	0.0009	0.0005	0.0001	0.0030	0.0151
354	2025	ALT2	WB	MD	Ramp	0.40	0.55	6.72	1.27	2745	1971	0.0272	0.0252	0.0121	0.0005	0.0103	0.0245	0.0024	0.0013	0.0002	0.0122	0.1212
355	2025	ALT2	WB	MD	Ramp	0.11	0.16	2.52	0.36	894	625	0.0073	0.0067	0.0035	0.0002	0.0015	0.0043	0.0008	0.0004	0.0001	0.0023	0.0141
356	2025	ALT2	WB	MD	Ramp	0.11	0.16	2.21	0.32	836	586	0.0071	0.0066	0.0035	0.0002	0.0018	0.0049	0.0007	0.0004	0.0001	0.0022	0.0188
357	2025	ALT2	WB	MD	Ramp	0.30	0.42	5.36	0.78	2117	1479	0.0181	0.0168	0.0093	0.0004	0.0050	0.0133	0.0020	0.0012	0.0002	0.0049	0.0516
358	2025	ALT2	WB	MD	Ramp	0.16	0.22	2.63	0.40	1077	755	0.0096	0.0089	0.0049	0.0002	0.0030	0.0077	0.0010	0.0006	0.0001	0.0027	0.0326
359	2025	ALT2	WB	MD	Ramp	0.28	0.39	4.18	0.59	1824	1263	0.0162	0.0150	0.0087	0.0004	0.0042	0.0114	0.0019	0.0012	0.0002	0.0029	0.0412
360	2025	ALT2	WB	MD	Ramp	0.12	0.16	2.21	0.32	852	596	0.0072	0.0067	0.0037	0.0002	0.0019	0.0051	0.0008	0.0005	0.0001	0.0020	0.0192
361	2025	ALT2	WB	MD	Ramp	0.17	0.23	2.42	0.39	1064	744	0.0099	0.0092	0.0052	0.0002	0.0034	0.0085	0.0011	0.0007	0.0001	0.0025	0.0372
362	2025	ALT2	WB	MD	Ramp	0.08	0.11	1.84	0.31	646	461	0.0059	0.0054	0.0024	0.0001	0.0015	0.0038	0.0005	0.0003	0.0001	0.0028	0.0158
363	2025	ALT2	WB	MD	Ramp	0.26	0.36	4.74	0.64	1854	1287	0.0153	0.0142	0.0081	0.0004	0.0037	0.0103	0.0017	0.0010	0.0002	0.0035	0.0355
364	2025	ALT2	WB	MD	HOV																	
365	2025	ALT2	WB	MD	HOV																	
366	2025	ALT2	WB	MD	HOV	0.22	0.29	6.90	0.82	1911	1302	0.0082	0.0076	0.0070	0.0004	0.0013	0.0053	0.0016	0.0006	0.0001	0.0009	0.0018
367	2025	ALT2	WB	MD	HOV	0.43	0.57	13.40	1.60	3712	2529	0.0159	0.0147	0.0137	0.0007	0.0026	0.0103	0.0031	0.0013	0.0002	0.0017	0.0035
368	2025	ALT2	WB	MD	HOV	0.28	0.36	8.55	1.02	2368	1613	0.0101	0.0094	0.0087	0.0005	0.0017	0.0066	0.0020	0.0008	0.0001	0.0011	0.0023
369	2025	ALT2	WB	MD	HOV	0.23	0.30	7.08	0.85	1962	1336	0.0084	0.0078	0.0072	0.0004	0.0014	0.0055	0.0016	0.0007	0.0001	0.0009	0.0019
370	2025	ALT2	WB	MD	HOV	0.22	0.29	6.78	0.81	1870	1274	0.0080	0.0075	0.0068	0.0004	0.0013	0.0052	0.0016	0.0006	0.0001	0.0009	0.0018
371	2025	ALT2	WB	MD	HOV	0.21	0.27	6.43	0.76	1772	1207	0.0076	0.0071	0.0065	0.0003	0.0012	0.0049	0.0015	0.0006	0.0001	0.0008	0.0017
372	2025	ALT2	WB	MD	HOV	0.21	0.28	6.70	0.80	1846	1257	0.0079	0.0074	0.0068	0.0004	0.0013	0.0051	0.0015	0.0006	0.0001	0.0009	0.0018
373	2025	ALT2	WB	MD	HOV	0.10	0.13	3.08	0.37	850	579	0.0037	0.0034	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0008
374	2025	ALT2	WB	MD	HOV	0.15	0.20	4.77	0.57	1313	895	0.0057	0.0052	0.0048	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0013
375	2025	ALT2	WB	MD	HOV	0.10	0.13	3.12	0.37	860	586	0.0037	0.0034	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0008
376	2025	ALT2	WB	MD	HOV	0.45	0.59	14.00	1.66	3858	2628	0.0166	0.0154	0.0141	0.0008	0.0027	0.0107	0.0032	0.0013	0.0002	0.0018	0.0037
377	2025	ALT2	WB	MD	HOV	0.15	0.20	4.67	0.56	1286	876	0.0055	0.0051	0.0047	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0012
378	2025	ALT2	WB	MD	HOV	0.07	0.09	2.18	0.26	600	408	0.0026	0.0024	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
379	2025	ALT2	WB	MD	HOV	0.26	0.35	8.77	1.00	2346	1598	0.0105	0.0097	0.0083	0.0004	0.0016	0.0063	0.0019	0.0008	0.0001	0.0010	0.0024
380	2025	ALT2	WB	MD	HOV	0.14	0.18	4.54	0.52	1214	827	0.0054	0.0050	0.0043	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0013
381	2025	ALT2	WB	MD	HOV	0.16	0.21	5.24	0.60	1403	956	0.0063	0.0058	0.0050	0.0003	0.0009	0.0038	0.0011	0.0005	0.0001	0.0006	0.0015
382	2025	ALT2	WB	MD	HOV	0.15	0.20	4.87	0.56	1304	888	0.0058	0.0054	0.0046	0.0002	0.0009	0.0035	0.0011	0.0005	0.0001	0.0006	0.0014
383	2025	ALT2	WB	MD	HOV	0.23	0.30	7.56	0.87	2023	1378	0.0090	0.0084	0.0072	0.0004	0.0014	0.0054	0.0016	0.0007	0.0001	0.0009	0.0021
384	2025	ALT2	WB	MD	HOV	0.08	0.11	2.63	0.30	703	479	0.0031	0.0029	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0007
385	2025	ALT2	WB	MD	HOV	0.20	0.26	6.54	0.75	1749	1191	0.0078	0.0073	0.0062	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0018
386	2025	ALT2	WB	MD	HOV	0.20	0.27	6.64	0.76	1777	1210	0.0080	0.0074	0.0063	0.0003	0.0012	0.0048	0.0014	0.0006	0.0001	0.0008	0.0018
387	2025	ALT2	WB	MD	HOV	0.50	0.66	16.56	1.90	4431	3018	0.0198	0.0184	0.0158	0.0008	0.0030	0.0119	0.0036	0.0016	0.0002	0.0020	0.0046
388	2025	ALT2	WB	MD	HOV	0.15	0.20	4.93	0.56	1320	899	0.0059	0.0055	0.0047	0.0003	0.0009	0.0035	0.0011	0.0005	0.0001	0.0006	0.0014
389	2025	ALT2	WB	MD	HOV	0.13	0.17	4.31	0.49	1154	786	0.0052	0.0048	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0012

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
390	2025	ALT2	WB	MD	HOV	0.11	0.14	3.26	0.39	901	614	0.0039	0.0036	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0009
391	2025	ALT2	WB	MD	HOV	0.20	0.27	6.31	0.75	1742	1186	0.0075	0.0069	0.0064	0.0003	0.0012	0.0048	0.0015	0.0006	0.0001	0.0008	0.0017
392	2025	ALT2	WB	MD	HOV	0.03	0.03	0.82	0.10	225	154	0.0010	0.0009	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
393	2025	ALT2	WB	MD	HOV	0.35	0.46	10.92	1.30	3014	2053	0.0130	0.0120	0.0111	0.0006	0.0021	0.0084	0.0025	0.0010	0.0001	0.0014	0.0029
394	2025	ALT2	WB	MD	HOV	0.05	0.07	1.55	0.18	429	292	0.0018	0.0017	0.0016	0.0001	0.0003	0.0012	0.0004	0.0001	0.0000	0.0002	0.0004
395	2025	ALT2	WB	MD	HOV	0.14	0.18	4.22	0.50	1166	794	0.0050	0.0046	0.0043	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0011
396	2025	ALT2	WB	MD	HOV	0.24	0.31	7.34	0.87	2027	1381	0.0087	0.0081	0.0074	0.0004	0.0014	0.0056	0.0017	0.0007	0.0001	0.0009	0.0019
397	2025	ALT2	WB	MD	HOV	0.14	0.18	4.30	0.51	1188	809	0.0051	0.0047	0.0044	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0011
398	2025	ALT2	WB	MD	HOV	0.10	0.13	3.00	0.36	828	564	0.0036	0.0033	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0008
399	2025	ALT2	WB	MD	HOV	0.16	0.20	4.83	0.58	1334	908	0.0057	0.0053	0.0049	0.0003	0.0009	0.0037	0.0011	0.0005	0.0001	0.0006	0.0013
400	2025	ALT2	WB	MD	HOV	0.48	0.63	15.03	1.79	4149	2826	0.0178	0.0165	0.0152	0.0008	0.0029	0.0115	0.0035	0.0014	0.0002	0.0019	0.0040
401	2025	ALT2	WB	MD	HOV	0.20	0.26	6.33	0.74	1714	1167	0.0075	0.0070	0.0062	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0017
402	2025	ALT2	WB	MD	HOV	0.33	0.44	10.78	1.26	2918	1987	0.0128	0.0118	0.0105	0.0006	0.0020	0.0079	0.0024	0.0010	0.0001	0.0013	0.0029
403	2025	ALT2	WB	MD	HOV	0.24	0.31	7.72	0.91	2090	1423	0.0092	0.0085	0.0075	0.0004	0.0014	0.0057	0.0017	0.0007	0.0001	0.0009	0.0021
404	2025	ALT2	WB	MD	HOV	0.23	0.30	7.44	0.87	2014	1372	0.0088	0.0082	0.0073	0.0004	0.0014	0.0055	0.0017	0.0007	0.0001	0.0009	0.0020
405	2025	ALT2	WB	MD	HOV	0.17	0.22	5.43	0.64	1469	1000	0.0064	0.0060	0.0053	0.0003	0.0010	0.0040	0.0012	0.0005	0.0001	0.0007	0.0015
406	2025	ALT2	WB	MD	HOV	0.25	0.33	8.02	0.94	2170	1478	0.0095	0.0088	0.0078	0.0004	0.0015	0.0059	0.0018	0.0008	0.0001	0.0010	0.0022
407	2025	ALT2	WB	MD	HOV	0.15	0.20	4.85	0.57	1312	894	0.0057	0.0053	0.0047	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0013
408	2025	ALT2	WB	MD	HOV	0.27	0.35	8.60	1.01	2329	1587	0.0102	0.0095	0.0084	0.0004	0.0016	0.0063	0.0019	0.0008	0.0001	0.0011	0.0023
409	2025	ALT2	WB	MD	HOV	0.18	0.24	5.82	0.68	1574	1072	0.0069	0.0064	0.0057	0.0003	0.0011	0.0043	0.0013	0.0005	0.0001	0.0007	0.0016
410	2025	ALT2	WB	MD	HOV	0.20	0.26	6.04	0.73	1700	1158	0.0072	0.0067	0.0064	0.0003	0.0012	0.0048	0.0015	0.0006	0.0001	0.0008	0.0016
411	2025	ALT2	WB	MD	HOV	0.13	0.18	4.02	0.49	1131	770	0.0048	0.0045	0.0042	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0011
412	2025	ALT2	WB	MD	HOV	0.65	0.85	19.41	2.35	5465	3722	0.0233	0.0216	0.0205	0.0011	0.0039	0.0155	0.0047	0.0018	0.0003	0.0026	0.0051
413	2025	ALT2	WB	MD	HOV	0.25	0.33	7.46	0.90	2101	1431	0.0089	0.0083	0.0079	0.0004	0.0015	0.0060	0.0018	0.0007	0.0001	0.0010	0.0020
414	2025	ALT2	WB	MD	HOV	0.13	0.17	3.98	0.48	1122	764	0.0048	0.0044	0.0042	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0010
415	2025	ALT2	WB	MD	HOV	0.07	0.09	2.04	0.25	574	391	0.0024	0.0023	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
416	2025	ALT2	WB	MD	HOV	0.29	0.38	8.68	1.05	2445	1665	0.0104	0.0096	0.0091	0.0005	0.0018	0.0069	0.0021	0.0008	0.0001	0.0012	0.0023
417	2025	ALT2	WB	MD	HOV	0.07	0.09	2.04	0.25	573	390	0.0024	0.0023	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
418	2025	ALT2	WB	MD	HOV	0.01	0.01	0.32	0.04	89	61	0.0004	0.0004	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
419	2025	ALT2	WB	MD	HOV	0.15	0.19	4.45	0.54	1252	853	0.0053	0.0049	0.0047	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0012
420	2025	ALT2	WB	MD	HOV	0.24	0.32	7.98	0.91	2135	1454	0.0096	0.0089	0.0076	0.0004	0.0014	0.0057	0.0017	0.0008	0.0001	0.0009	0.0022
421	2025	ALT2	WB	MD	HOV	0.27	0.36	8.98	1.03	2400	1634	0.0108	0.0100	0.0085	0.0005	0.0016	0.0064	0.0019	0.0009	0.0001	0.0011	0.0025
422	2025	ALT2	WB	MD	HOV	0.28	0.37	9.23	1.06	2469	1681	0.0111	0.0103	0.0088	0.0005	0.0017	0.0066	0.0020	0.0009	0.0001	0.0011	0.0026
423	2025	ALT2	WB	MD	HOV	0.26	0.35	8.74	1.00	2337	1592	0.0105	0.0097	0.0083	0.0004	0.0016	0.0063	0.0019	0.0008	0.0001	0.0010	0.0024
424	2025	ALT2	WB	MD	HOV	0.20	0.27	6.67	0.76	1784	1215	0.0080	0.0074	0.0063	0.0003	0.0012	0.0048	0.0014	0.0006	0.0001	0.0008	0.0019
425	2025	ALT2	WB	MD	HOV	0.60	0.80	20.01	2.29	5350	3643	0.0240	0.0222	0.0190	0.0010	0.0036	0.0144	0.0043	0.0019	0.0003	0.0024	0.0056
426	2025	ALT2	WB	MD	HOV	0.15	0.20	4.89	0.56	1308	891	0.0059	0.0054	0.0046	0.0002	0.0009	0.0035	0.0011	0.0005	0.0001	0.0006	0.0014
427	2025	ALT2	WB	MD	HOV	0.21	0.28	6.92	0.79	1851	1260	0.0083	0.0077	0.0066	0.0004	0.0012	0.0050	0.0015	0.0007	0.0001	0.0008	0.0019
428	2025	ALT2	WB	MD	HOV	0.18	0.24	6.09	0.70	1627	1108	0.0073	0.0068	0.0058	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0017
429	2025	ALT2	WB	MD	HOV	0.35	0.47	11.64	1.33	3111	2119	0.0139	0.0129	0.0111	0.0006	0.0021	0.0084	0.0025	0.0011	0.0002	0.0014	0.0032
430	2025	ALT2	WB	MD	HOV	0.21	0.28	6.15	0.75	1756	1196	0.0075	0.0069	0.0067	0.0004	0.0013	0.0051	0.0015	0.0006	0.0001	0.0008	0.0016
431	2025	ALT2	WB	MD	HOV	0.14	0.18	4.10	0.50	1171	797	0.0050	0.0046	0.0044	0.0002	0.0009	0.0034	0.0010	0.0004	0.0001	0.0006	0.0011
432	2025	ALT2	WB	MD	HOV	0.13	0.18	3.91	0.48	1116	760	0.0047	0.0044	0.0042	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0010
433	2025	ALT2	WB	MD	HOV	0.36	0.49	12.22	1.33	3275	2230	0.0158	0.0146	0.0115	0.0006	0.0021	0.0087	0.0026	0.0013	0.0002	0.0014	0.0037
434	2025	ALT2	WB	MD	HOV	0.43	0.58	14.40	1.57	3857	2626	0.0186	0.0172	0.0136	0.0007	0.0025	0.0102	0.0031	0.0015	0.0002	0.0016	0.0043
435	2025	ALT2	WB	MD	HOV	0.33	0.45	11.11	1.21	2977	2027	0.0143	0.0133	0.0105	0.0006	0.0019	0.0079	0.0024	0.0012	0.0002	0.0013	0.0034
436	2025	ALT2	WB	MD	HOV	0.28	0.38	9.34	1.02	2502	1704	0.0120	0.0112	0.0088	0.0005	0.0016	0.0066	0.0020	0.0010	0.0001	0.0011	0.0028
437	2025	ALT2	WB	MD	HOV	0.26	0.35	8.63	0.94	2312	1574	0.0111	0.0103	0.0081	0.0004	0.0015	0.0061	0.0018	0.0009	0.0001	0.0010	0.0026

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
216	2025	ALT2	WB	PM	Mainline	0.98	1.22	19.53	5.33	7990	5960	0.1573	0.1449	0.0290	0.0013	0.0195	0.0483	0.0061	0.0020	0.0008	0.1363	0.2033
217	2025	ALT2	WB	PM	Mainline	1.76	2.19	35.18	9.98	14573	10931	0.2982	0.2746	0.0519	0.0024	0.0371	0.0906	0.0109	0.0036	0.0016	0.2608	0.3960
218	2025	ALT2	WB	PM	Mainline	1.29	1.60	25.86	6.84	10444	7761	0.1983	0.1826	0.0383	0.0018	0.0247	0.0619	0.0081	0.0027	0.0011	0.1702	0.2545
219	2025	ALT2	WB	PM	Mainline	1.75	2.18	36.55	9.84	14693	10967	0.2791	0.2570	0.0517	0.0024	0.0363	0.0891	0.0109	0.0037	0.0015	0.2406	0.3863
220	2025	ALT2	WB	PM	Mainline	1.04	1.30	21.71	5.46	8536	6309	0.1507	0.1388	0.0311	0.0015	0.0195	0.0491	0.0066	0.0022	0.0008	0.1273	0.1983
221	2025	ALT2	WB	PM	Mainline	0.89	1.12	19.00	4.92	7503	5574	0.1358	0.1251	0.0266	0.0012	0.0179	0.0443	0.0056	0.0019	0.0007	0.1157	0.1875
222	2025	ALT2	WB	PM	Mainline	1.09	1.37	23.21	5.58	8940	6575	0.1487	0.1370	0.0327	0.0015	0.0196	0.0499	0.0070	0.0024	0.0008	0.1236	0.1958
223	2025	ALT2	WB	PM	Mainline	0.53	0.67	11.53	2.70	4377	3209	0.0698	0.0644	0.0160	0.0008	0.0094	0.0240	0.0034	0.0012	0.0004	0.0574	0.0929
224	2025	ALT2	WB	PM	Mainline	0.57	0.72	12.25	2.60	4521	3271	0.0634	0.0585	0.0173	0.0008	0.0086	0.0230	0.0038	0.0013	0.0004	0.0498	0.0778
225	2025	ALT2	WB	PM	Mainline	0.36	0.46	7.76	1.66	2879	2086	0.0411	0.0379	0.0110	0.0005	0.0055	0.0148	0.0024	0.0008	0.0002	0.0325	0.0504
226	2025	ALT2	WB	PM	Mainline	1.66	2.09	34.44	7.44	12932	9368	0.1885	0.1737	0.0503	0.0025	0.0247	0.0666	0.0110	0.0036	0.0011	0.1497	0.2231
227	2025	ALT2	WB	PM	Mainline	0.66	0.83	13.77	2.82	5085	3658	0.0683	0.0630	0.0202	0.0010	0.0091	0.0252	0.0044	0.0014	0.0004	0.0526	0.0779
228	2025	ALT2	WB	PM	Mainline	0.41	0.51	8.53	1.63	3079	2197	0.0370	0.0341	0.0124	0.0006	0.0051	0.0145	0.0027	0.0009	0.0002	0.0272	0.0405
229	2025	ALT2	WB	PM	Mainline	2.56	3.23	56.61	10.92	20142	14410	0.2426	0.2237	0.0780	0.0039	0.0340	0.0951	0.0172	0.0058	0.0015	0.1795	0.2853
230	2025	ALT2	WB	PM	Mainline	0.72	0.91	16.34	2.95	5662	4019	0.0605	0.0558	0.0221	0.0011	0.0087	0.0252	0.0049	0.0017	0.0004	0.0422	0.0682
231	2025	ALT2	WB	PM	Mainline	0.73	0.93	17.15	3.15	5898	4199	0.0644	0.0594	0.0224	0.0011	0.0095	0.0267	0.0050	0.0017	0.0004	0.0456	0.0777
232	2025	ALT2	WB	PM	Mainline	0.74	0.93	16.29	3.07	5766	4113	0.0669	0.0617	0.0226	0.0011	0.0094	0.0267	0.0050	0.0017	0.0004	0.0487	0.0766
233	2025	ALT2	WB	PM	Mainline	2.20	2.80	55.24	10.41	18539	13288	0.2070	0.1909	0.0666	0.0033	0.0324	0.0877	0.0145	0.0053	0.0014	0.1488	0.2953
234	2025	ALT2	WB	PM	Mainline	0.37	0.48	9.06	1.67	3075	2194	0.0336	0.0310	0.0114	0.0006	0.0051	0.0141	0.0025	0.0009	0.0002	0.0239	0.0436
235	2025	ALT2	WB	PM	Mainline	1.41	1.80	36.32	6.68	12002	8587	0.1290	0.1189	0.0429	0.0021	0.0207	0.0561	0.0094	0.0035	0.0009	0.0909	0.1880
236	2025	ALT2	WB	PM	Mainline	1.02	1.31	27.43	4.70	8734	6206	0.0835	0.0770	0.0311	0.0015	0.0139	0.0387	0.0068	0.0026	0.0006	0.0549	0.1215
237	2025	ALT2	WB	PM	Mainline	1.76	2.23	41.02	7.69	14200	10139	0.1610	0.1484	0.0536	0.0027	0.0235	0.0656	0.0118	0.0041	0.0010	0.1162	0.1986
238	2025	ALT2	WB	PM	Mainline	0.56	0.71	13.47	2.46	4572	3257	0.0492	0.0454	0.0171	0.0009	0.0074	0.0207	0.0038	0.0013	0.0003	0.0346	0.0621
239	2025	ALT2	WB	PM	Mainline	0.50	0.63	12.10	2.20	4082	2907	0.0434	0.0400	0.0152	0.0008	0.0066	0.0185	0.0034	0.0012	0.0003	0.0303	0.0553
240	2025	ALT2	WB	PM	Mainline	0.63	0.81	15.78	2.76	5210	3695	0.0515	0.0475	0.0193	0.0010	0.0080	0.0228	0.0043	0.0015	0.0004	0.0346	0.0655
241	2025	ALT2	WB	PM	Mainline	2.21	2.82	56.28	10.08	18547	13204	0.1899	0.1752	0.0675	0.0033	0.0299	0.0833	0.0148	0.0054	0.0013	0.1302	0.2570
242	2025	ALT2	WB	PM	Mainline	0.16	0.20	3.70	0.67	1265	900	0.0136	0.0125	0.0048	0.0002	0.0020	0.0057	0.0011	0.0004	0.0001	0.0095	0.0164
243	2025	ALT2	WB	PM	Mainline	1.87	2.38	46.43	8.49	15539	11085	0.1659	0.1530	0.0569	0.0028	0.0257	0.0710	0.0125	0.0045	0.0011	0.1164	0.2221
244	2025	ALT2	WB	PM	Mainline	0.30	0.38	7.03	1.28	2405	1712	0.0259	0.0239	0.0091	0.0005	0.0038	0.0108	0.0020	0.0007	0.0002	0.0182	0.0314
245	2025	ALT2	WB	PM	Mainline	1.76	2.24	43.59	7.99	14616	10429	0.1568	0.1446	0.0536	0.0027	0.0242	0.0669	0.0118	0.0042	0.0010	0.1103	0.2097
246	2025	ALT2	WB	PM	Mainline	1.41	1.79	33.17	6.07	11368	8093	0.1233	0.1137	0.0431	0.0022	0.0182	0.0514	0.0095	0.0033	0.0008	0.0870	0.1496
247	2025	ALT2	WB	PM	Mainline	1.77	2.25	43.22	8.03	14637	10458	0.1613	0.1488	0.0539	0.0027	0.0246	0.0677	0.0118	0.0042	0.0011	0.1150	0.2139
248	2025	ALT2	WB	PM	Mainline	0.60	0.76	14.40	2.58	4855	3450	0.0503	0.0464	0.0183	0.0009	0.0076	0.0216	0.0040	0.0014	0.0003	0.0347	0.0620
249	2025	ALT2	WB	PM	Mainline	1.94	2.46	45.32	8.30	15585	11093	0.1696	0.1564	0.0593	0.0030	0.0249	0.0704	0.0131	0.0045	0.0011	0.1198	0.2036
250	2025	ALT2	WB	PM	Mainline	3.04	3.86	73.93	13.25	24821	17646	0.2575	0.2375	0.0928	0.0046	0.0392	0.1108	0.0205	0.0073	0.0017	0.1776	0.3242
251	2025	ALT2	WB	PM	Mainline	2.19	2.78	53.99	9.99	18170	12979	0.1979	0.1825	0.0666	0.0033	0.0304	0.0839	0.0146	0.0052	0.0013	0.1403	0.2660
252	2025	ALT2	WB	PM	Mainline	1.82	2.31	43.20	7.95	14761	10521	0.1612	0.1486	0.0555	0.0028	0.0240	0.0672	0.0122	0.0043	0.0011	0.1142	0.2010
253	2025	ALT2	WB	PM	Mainline	1.30	1.65	30.94	5.69	10571	7534	0.1154	0.1064	0.0397	0.0020	0.0172	0.0482	0.0088	0.0031	0.0008	0.0818	0.1439
254	2025	ALT2	WB	PM	Mainline	1.18	1.49	26.99	5.17	9460	6768	0.1114	0.1027	0.0358	0.0018	0.0160	0.0444	0.0079	0.0027	0.0007	0.0818	0.1366
255	2025	ALT2	WB	PM	Mainline	1.93	2.44	44.75	8.91	15777	11353	0.1968	0.1814	0.0585	0.0029	0.0285	0.0769	0.0128	0.0044	0.0012	0.1484	0.2573
256	2025	ALT2	WB	PM	Mainline	1.34	1.70	31.44	5.87	10829	7730	0.1215	0.1120	0.0407	0.0020	0.0179	0.0499	0.0090	0.0031	0.0008	0.0873	0.1516
257	2025	ALT2	WB	PM	Mainline	1.61	2.04	38.91	7.42	13312	9542	0.1533	0.1413	0.0488	0.0024	0.0232	0.0631	0.0107	0.0038	0.0010	0.1117	0.2071
258	2025	ALT2	WB	PM	Mainline	1.57	1.99	35.38	6.63	12410	8850	0.1418	0.1308	0.0479	0.0024	0.0202	0.0571	0.0106	0.0036	0.0009	0.1025	0.1657
259	2025	ALT2	WB	PM	Mainline	2.29	2.89	50.59	9.58	17904	12779	0.2091	0.1928	0.0698	0.0035	0.0295	0.0833	0.0154	0.0052	0.0013	0.1525	0.2417
260	2025	ALT2	WB	PM	Mainline	1.51	1.91	34.29	6.45	12000	8564	0.1376	0.1269	0.0460	0.0023	0.0197	0.0554	0.0101	0.0035	0.0009	0.0997	0.1633
261	2025	ALT2	WB	PM	Mainline	1.79	2.26	40.90	7.92	14385	10307	0.1725	0.1590	0.0543	0.0027	0.0247	0.0681	0.0119	0.0041	0.0011	0.1278	0.2137
262	2025	ALT2	WB	PM	Mainline	4.66	5.87	102.56	20.36	36826	26439	0.4645	0.4282	0.1415	0.0070	0.0646	0.1778	0.0311	0.0105	0.0029	0.3507	0.5581
263	2025	ALT2	WB	PM	Mainline	2.21	2.80	50.42	10.08	17929	12900	0.2265	0.2088	0.0671	0.0033	0.0321	0.0873	0.0147	0.0051	0.0014	0.1716	0.2875

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
264	2025	ALT2	WB	PM	Mainline	0.81	1.03	20.85	4.10	7006	5069	0.0834	0.0769	0.0243	0.0012	0.0139	0.0358	0.0052	0.0020	0.0005	0.0621	0.1374
265	2025	ALT2	WB	PM	Mainline	0.46	0.59	11.38	2.28	3927	2835	0.0483	0.0445	0.0140	0.0007	0.0074	0.0196	0.0030	0.0011	0.0003	0.0363	0.0702
266	2025	ALT2	WB	PM	Mainline	1.61	2.04	38.52	8.10	13630	9898	0.1818	0.1675	0.0486	0.0023	0.0272	0.0707	0.0105	0.0037	0.0011	0.1413	0.2662
267	2025	ALT2	WB	PM	Mainline	0.47	0.60	11.66	2.36	4017	2906	0.0499	0.0460	0.0142	0.0007	0.0078	0.0203	0.0031	0.0011	0.0003	0.0377	0.0753
268	2025	ALT2	WB	PM	Mainline	0.09	0.12	2.11	0.43	759	547	0.0099	0.0091	0.0028	0.0001	0.0014	0.0037	0.0006	0.0002	0.0001	0.0076	0.0125
269	2025	ALT2	WB	PM	Mainline	2.14	2.73	55.17	10.93	18607	13471	0.2240	0.2065	0.0644	0.0031	0.0370	0.0956	0.0138	0.0052	0.0014	0.1674	0.3683
270	2025	ALT2	WB	PM	Mainline	0.92	1.17	23.17	4.77	7969	5795	0.1016	0.0937	0.0275	0.0013	0.0165	0.0421	0.0059	0.0022	0.0006	0.0779	0.1668
271	2025	ALT2	WB	PM	Mainline	1.37	1.76	36.90	7.39	12249	8926	0.1459	0.1345	0.0410	0.0019	0.0273	0.0680	0.0086	0.0034	0.0009	0.1087	0.2895
272	2025	ALT2	WB	PM	Mainline	1.04	1.34	28.82	5.58	9334	6796	0.1029	0.0949	0.0310	0.0014	0.0218	0.0536	0.0064	0.0027	0.0007	0.0732	0.2367
273	2025	ALT2	WB	PM	Mainline	1.03	1.32	27.33	5.42	9117	6621	0.1092	0.1007	0.0309	0.0015	0.0191	0.0483	0.0066	0.0025	0.0007	0.0817	0.1957
274	2025	ALT2	WB	PM	Mainline	1.20	1.53	30.87	6.28	10514	7641	0.1314	0.1211	0.0361	0.0017	0.0218	0.0556	0.0077	0.0029	0.0008	0.0998	0.2211
275	2025	ALT2	WB	PM	Mainline	2.25	2.86	56.63	11.41	19369	14029	0.2397	0.2209	0.0677	0.0032	0.0384	0.0994	0.0145	0.0054	0.0015	0.1811	0.3783
276	2025	ALT2	WB	PM	Mainline	0.63	0.81	15.56	3.07	5348	3854	0.0647	0.0596	0.0192	0.0009	0.0099	0.0263	0.0042	0.0015	0.0004	0.0483	0.0930
277	2025	ALT2	WB	PM	Mainline	1.31	1.67	33.47	6.68	11343	8217	0.1382	0.1274	0.0394	0.0019	0.0227	0.0585	0.0084	0.0032	0.0009	0.1038	0.2253
278	2025	ALT2	WB	PM	Mainline	0.69	0.87	17.18	3.55	5936	4314	0.0762	0.0703	0.0206	0.0010	0.0122	0.0312	0.0044	0.0016	0.0005	0.0585	0.1223
279	2025	ALT2	WB	PM	Mainline	1.30	1.68	35.99	6.98	11676	8491	0.1302	0.1200	0.0388	0.0018	0.0263	0.0653	0.0081	0.0034	0.0008	0.0935	0.2819
280	2025	ALT2	WB	PM	Mainline	1.31	1.68	34.93	7.03	11684	8510	0.1420	0.1309	0.0393	0.0018	0.0254	0.0637	0.0083	0.0032	0.0009	0.1068	0.2665
281	2025	ALT2	WB	PM	Mainline	1.04	1.36	29.11	5.43	9313	6764	0.0958	0.0884	0.0311	0.0014	0.0224	0.0548	0.0064	0.0028	0.0007	0.0645	0.2456
282	2025	ALT2	WB	PM	Mainline	1.40	1.80	38.18	7.63	12596	9187	0.1476	0.1361	0.0419	0.0019	0.0288	0.0712	0.0088	0.0035	0.0009	0.1090	0.3096
283	2025	ALT2	WB	PM	Mainline	1.32	1.70	36.51	7.12	11865	8645	0.1323	0.1220	0.0394	0.0018	0.0278	0.0683	0.0082	0.0034	0.0009	0.0948	0.3016
284	2025	ALT2	WB	PM	Mainline	1.84	2.42	50.73	9.33	16289	11816	0.1616	0.1491	0.0550	0.0025	0.0402	0.0981	0.0113	0.0052	0.0012	0.1039	0.4447
285	2025	ALT2	WB	PM	Mainline	1.15	1.48	31.73	6.20	10342	7523	0.1170	0.1079	0.0345	0.0016	0.0232	0.0576	0.0072	0.0030	0.0008	0.0848	0.2471
286	2025	ALT2	WB	PM	Mainline	1.02	1.32	28.41	5.40	9132	6636	0.0984	0.0908	0.0304	0.0014	0.0209	0.0517	0.0063	0.0027	0.0007	0.0690	0.2256
287	2025	ALT2	WB	PM	Mainline	1.78	2.28	47.60	9.44	15817	11499	0.1882	0.1735	0.0533	0.0025	0.0338	0.0852	0.0113	0.0044	0.0012	0.1402	0.3520
288	2025	ALT2	WB	PM	Mainline	0.20	0.25	5.32	1.00	1735	1252	0.0193	0.0178	0.0059	0.0003	0.0034	0.0088	0.0013	0.0005	0.0001	0.0139	0.0341
289	2025	ALT2	WB	PM	Mainline	2.08	2.71	59.24	10.83	18722	13541	0.1913	0.1765	0.0626	0.0029	0.0411	0.1027	0.0131	0.0056	0.0013	0.1295	0.4366
290	2025	ALT2	WB	PM	Ramp	0.06	0.08	1.97	0.24	550	379	0.0032	0.0030	0.0019	0.0001	0.0005	0.0018	0.0004	0.0002	0.0000	0.0008	0.0033
291	2025	ALT2	WB	PM	Ramp	0.07	0.10	2.07	0.26	637	440	0.0043	0.0039	0.0023	0.0001	0.0007	0.0024	0.0005	0.0003	0.0000	0.0011	0.0054
292	2025	ALT2	WB	PM	Ramp	0.02	0.02	0.56	0.07	159	110	0.0009	0.0009	0.0006	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0002	0.0010
293	2025	ALT2	WB	PM	Ramp	0.19	0.27	2.87	0.41	1248	864	0.0111	0.0102	0.0059	0.0003	0.0028	0.0078	0.0013	0.0008	0.0001	0.0020	0.0279
294	2025	ALT2	WB	PM	Ramp	0.05	0.07	1.29	0.16	409	283	0.0029	0.0027	0.0015	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0008	0.0040
295	2025	ALT2	WB	PM	Ramp	0.23	0.34	3.22	0.42	1525	1046	0.0139	0.0129	0.0075	0.0004	0.0026	0.0081	0.0016	0.0011	0.0002	0.0015	0.0222
296	2025	ALT2	WB	PM	Ramp	0.08	0.11	1.38	0.20	538	377	0.0046	0.0043	0.0023	0.0001	0.0013	0.0034	0.0005	0.0003	0.0000	0.0013	0.0131
297	2025	ALT2	WB	PM	Ramp	1.18	1.54	24.19	6.17	9527	7152	0.1182	0.1091	0.0340	0.0013	0.0376	0.0849	0.0065	0.0031	0.0008	0.0839	0.4598
298	2025	ALT2	WB	PM	Ramp	0.00	0.01	0.13	0.02	41	28	0.0003	0.0003	0.0001	0.0000	0.0001	0.0002	0.0000	0.0000	0.0000	0.0001	0.0004
299	2025	ALT2	WB	PM	Ramp	0.02	0.02	0.48	0.06	138	96	0.0009	0.0009	0.0005	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0004	0.0015
300	2025	ALT2	WB	PM	Ramp	0.35	0.48	10.43	1.33	3089	2144	0.0205	0.0190	0.0111	0.0006	0.0038	0.0117	0.0024	0.0013	0.0002	0.0063	0.0297
301	2025	ALT2	WB	PM	Ramp	0.21	0.29	3.44	0.48	1414	981	0.0121	0.0112	0.0064	0.0003	0.0031	0.0085	0.0014	0.0008	0.0001	0.0025	0.0306
302	2025	ALT2	WB	PM	Ramp	0.01	0.02	0.44	0.06	129	90	0.0009	0.0008	0.0005	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0003	0.0013
303	2025	ALT2	WB	PM	Ramp	0.07	0.09	1.70	0.22	559	388	0.0041	0.0038	0.0021	0.0001	0.0008	0.0023	0.0005	0.0003	0.0000	0.0012	0.0062
304	2025	ALT2	WB	PM	Ramp	0.05	0.07	1.16	0.14	383	264	0.0027	0.0025	0.0015	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0006	0.0029
305	2025	ALT2	WB	PM	Ramp	0.12	0.16	2.69	0.35	936	650	0.0071	0.0066	0.0037	0.0002	0.0013	0.0040	0.0008	0.0005	0.0001	0.0018	0.0106
306	2025	ALT2	WB	PM	Ramp	0.03	0.04	0.81	0.10	253	175	0.0017	0.0016	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0020
307	2025	ALT2	WB	PM	Ramp	0.18	0.26	2.25	0.30	1141	783	0.0109	0.0102	0.0058	0.0003	0.0023	0.0067	0.0013	0.0009	0.0001	0.0011	0.0205
308	2025	ALT2	WB	PM	Ramp	0.07	0.10	1.62	0.22	566	395	0.0044	0.0041	0.0022	0.0001	0.0009	0.0025	0.0005	0.0003	0.0000	0.0013	0.0074
309	2025	ALT2	WB	PM	Ramp	0.19	0.27	2.24	0.35	1117	777	0.0110	0.0102	0.0059	0.0003	0.0037	0.0093	0.0012	0.0008	0.0001	0.0020	0.0402
310	2025	ALT2	WB	PM	Ramp	0.40	0.55	9.87	1.37	3298	2304	0.0255	0.0235	0.0125	0.0006	0.0051	0.0148	0.0027	0.0015	0.0002	0.0084	0.0454
311	2025	ALT2	WB	PM	Ramp	0.22	0.32	3.68	0.49	1539	1062	0.0131	0.0121	0.0071	0.0004	0.0029	0.0084	0.0015	0.0010	0.0001	0.0021	0.0266

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
312	2025	ALT2	WB	PM	Ramp	0.05	0.07	1.41	0.18	449	312	0.0032	0.0030	0.0017	0.0001	0.0006	0.0018	0.0004	0.0002	0.0000	0.0009	0.0048
313	2025	ALT2	WB	PM	Ramp	0.37	0.50	10.67	1.42	3208	2238	0.0225	0.0208	0.0115	0.0006	0.0045	0.0131	0.0025	0.0013	0.0002	0.0079	0.0382
314	2025	ALT2	WB	PM	Ramp	0.15	0.22	2.96	0.33	1133	774	0.0085	0.0079	0.0049	0.0003	0.0011	0.0042	0.0011	0.0007	0.0001	0.0008	0.0061
315	2025	ALT2	WB	PM	Ramp	0.13	0.18	2.75	0.36	990	687	0.0077	0.0071	0.0040	0.0002	0.0016	0.0046	0.0009	0.0005	0.0001	0.0019	0.0135
316	2025	ALT2	WB	PM	Ramp	0.04	0.06	1.12	0.14	360	249	0.0025	0.0023	0.0014	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0006	0.0033
317	2025	ALT2	WB	PM	Ramp	0.09	0.13	1.84	0.25	680	473	0.0054	0.0050	0.0028	0.0001	0.0012	0.0034	0.0006	0.0004	0.0001	0.0013	0.0110
318	2025	ALT2	WB	PM	Ramp	0.06	0.08	1.53	0.19	496	344	0.0035	0.0033	0.0019	0.0001	0.0006	0.0020	0.0004	0.0002	0.0000	0.0009	0.0048
319	2025	ALT2	WB	PM	Ramp	0.11	0.16	2.52	0.33	891	618	0.0068	0.0063	0.0036	0.0002	0.0013	0.0039	0.0008	0.0005	0.0001	0.0016	0.0106
320	2025	ALT2	WB	PM	Ramp	0.08	0.11	1.70	0.20	602	415	0.0044	0.0041	0.0025	0.0001	0.0007	0.0024	0.0005	0.0003	0.0000	0.0008	0.0051
321	2025	ALT2	WB	PM	Ramp	0.10	0.14	2.04	0.27	757	525	0.0060	0.0056	0.0032	0.0002	0.0013	0.0037	0.0007	0.0004	0.0001	0.0014	0.0117
322	2025	ALT2	WB	PM	Ramp	0.11	0.15	1.60	0.22	711	491	0.0063	0.0059	0.0034	0.0002	0.0015	0.0043	0.0007	0.0005	0.0001	0.0010	0.0144
323	2025	ALT2	WB	PM	Ramp	0.15	0.20	4.12	0.57	1274	891	0.0093	0.0086	0.0046	0.0002	0.0019	0.0055	0.0010	0.0005	0.0001	0.0034	0.0170
324	2025	ALT2	WB	PM	Ramp	0.09	0.12	2.24	0.27	725	500	0.0050	0.0046	0.0028	0.0001	0.0008	0.0027	0.0006	0.0003	0.0001	0.0011	0.0056
325	2025	ALT2	WB	PM	Ramp	0.24	0.33	4.81	0.71	1787	1253	0.0151	0.0139	0.0074	0.0004	0.0037	0.0101	0.0016	0.0009	0.0001	0.0048	0.0374
326	2025	ALT2	WB	PM	Ramp																	
327	2025	ALT2	WB	PM	Ramp																	
328	2025	ALT2	WB	PM	Ramp	0.05	0.07	1.47	0.17	449	308	0.0029	0.0026	0.0017	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0006	0.0027
329	2025	ALT2	WB	PM	Ramp	0.13	0.19	2.84	0.38	1030	715	0.0081	0.0075	0.0042	0.0002	0.0017	0.0049	0.0009	0.0005	0.0001	0.0020	0.0148
330	2025	ALT2	WB	PM	Ramp	0.04	0.06	1.12	0.14	343	237	0.0023	0.0021	0.0013	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0006	0.0029
331	2025	ALT2	WB	PM	Ramp	0.13	0.17	3.49	0.49	1083	760	0.0081	0.0075	0.0039	0.0002	0.0017	0.0048	0.0008	0.0004	0.0001	0.0032	0.0158
332	2025	ALT2	WB	PM	Ramp	0.06	0.08	1.70	0.23	496	347	0.0035	0.0032	0.0017	0.0001	0.0007	0.0020	0.0004	0.0002	0.0000	0.0014	0.0061
333	2025	ALT2	WB	PM	Ramp	0.11	0.15	3.03	0.48	967	687	0.0081	0.0075	0.0034	0.0002	0.0019	0.0050	0.0007	0.0004	0.0001	0.0039	0.0197
334	2025	ALT2	WB	PM	Ramp	0.07	0.10	2.03	0.27	620	432	0.0044	0.0040	0.0022	0.0001	0.0009	0.0025	0.0005	0.0003	0.0000	0.0015	0.0074
335	2025	ALT2	WB	PM	Ramp	0.18	0.24	4.67	0.74	1526	1084	0.0129	0.0119	0.0055	0.0003	0.0031	0.0081	0.0012	0.0006	0.0001	0.0061	0.0318
336	2025	ALT2	WB	PM	Ramp	0.14	0.20	3.70	0.56	1212	857	0.0099	0.0092	0.0044	0.0002	0.0023	0.0062	0.0009	0.0005	0.0001	0.0043	0.0229
337	2025	ALT2	WB	PM	Ramp	0.10	0.14	2.25	0.42	816	590	0.0081	0.0075	0.0030	0.0001	0.0022	0.0054	0.0006	0.0003	0.0001	0.0044	0.0246
338	2025	ALT2	WB	PM	Ramp	0.12	0.16	2.98	0.47	975	692	0.0082	0.0076	0.0035	0.0002	0.0020	0.0051	0.0007	0.0004	0.0001	0.0038	0.0199
339	2025	ALT2	WB	PM	Ramp	0.18	0.23	5.45	0.81	1590	1120	0.0122	0.0112	0.0055	0.0003	0.0024	0.0067	0.0012	0.0005	0.0001	0.0064	0.0207
340	2025	ALT2	WB	PM	Ramp	0.61	0.83	16.53	2.57	5259	3732	0.0435	0.0402	0.0188	0.0009	0.0103	0.0271	0.0040	0.0020	0.0004	0.0208	0.1044
341	2025	ALT2	WB	PM	Ramp	0.82	1.11	17.74	3.14	6515	4666	0.0618	0.0571	0.0250	0.0012	0.0159	0.0402	0.0052	0.0029	0.0005	0.0299	0.1719
342	2025	ALT2	WB	PM	Ramp	0.06	0.08	1.48	0.25	498	357	0.0045	0.0042	0.0018	0.0001	0.0012	0.0029	0.0004	0.0002	0.0000	0.0024	0.0126
343	2025	ALT2	WB	PM	Ramp	0.24	0.33	2.76	0.51	1346	950	0.0137	0.0127	0.0072	0.0003	0.0064	0.0150	0.0014	0.0009	0.0001	0.0038	0.0756
344	2025	ALT2	WB	PM	Ramp	0.05	0.06	1.21	0.21	404	289	0.0037	0.0034	0.0015	0.0001	0.0009	0.0024	0.0003	0.0002	0.0000	0.0019	0.0100
345	2025	ALT2	WB	PM	Ramp	0.08	0.11	1.09	0.19	481	340	0.0046	0.0043	0.0024	0.0001	0.0019	0.0045	0.0005	0.0003	0.0000	0.0014	0.0215
346	2025	ALT2	WB	PM	Ramp	0.10	0.14	1.72	0.26	697	488	0.0061	0.0057	0.0031	0.0001	0.0018	0.0047	0.0007	0.0004	0.0001	0.0017	0.0194
347	2025	ALT2	WB	PM	Ramp	0.05	0.07	1.10	0.15	381	266	0.0030	0.0028	0.0015	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0010	0.0053
348	2025	ALT2	WB	PM	Ramp	0.37	0.51	9.80	1.53	3180	2256	0.0266	0.0246	0.0115	0.0005	0.0063	0.0166	0.0024	0.0013	0.0002	0.0124	0.0645
349	2025	ALT2	WB	PM	Ramp	0.12	0.17	3.02	0.38	1004	696	0.0073	0.0068	0.0039	0.0002	0.0013	0.0040	0.0008	0.0005	0.0001	0.0018	0.0098
350	2025	ALT2	WB	PM	Ramp	0.13	0.17	3.88	0.48	1121	775	0.0070	0.0065	0.0040	0.0002	0.0012	0.0040	0.0009	0.0005	0.0001	0.0019	0.0086
351	2025	ALT2	WB	PM	Ramp	0.09	0.12	1.49	0.25	609	432	0.0057	0.0053	0.0027	0.0001	0.0020	0.0049	0.0006	0.0003	0.0001	0.0021	0.0228
352	2025	ALT2	WB	PM	Ramp	0.06	0.08	1.34	0.18	473	328	0.0036	0.0034	0.0019	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0009	0.0057
353	2025	ALT2	WB	PM	Ramp	0.16	0.22	4.19	0.50	1344	926	0.0091	0.0085	0.0051	0.0003	0.0015	0.0048	0.0011	0.0006	0.0001	0.0019	0.0096
354	2025	ALT2	WB	PM	Ramp	0.29	0.40	5.11	0.81	2038	1436	0.0183	0.0169	0.0090	0.0004	0.0058	0.0147	0.0019	0.0011	0.0002	0.0061	0.0636
355	2025	ALT2	WB	PM	Ramp	0.15	0.21	2.61	0.34	1049	724	0.0086	0.0080	0.0047	0.0002	0.0018	0.0054	0.0010	0.0006	0.0001	0.0015	0.0162
356	2025	ALT2	WB	PM	Ramp	0.08	0.11	1.60	0.21	599	415	0.0048	0.0044	0.0025	0.0001	0.0010	0.0030	0.0005	0.0003	0.0001	0.0011	0.0092
357	2025	ALT2	WB	PM	Ramp	0.27	0.38	4.44	0.61	1837	1272	0.0157	0.0145	0.0084	0.0004	0.0039	0.0107	0.0018	0.0011	0.0002	0.0030	0.0372
358	2025	ALT2	WB	PM	Ramp	0.24	0.33	2.55	0.50	1294	916	0.0136	0.0126	0.0072	0.0003	0.0070	0.0163	0.0014	0.0009	0.0001	0.0038	0.0851
359	2025	ALT2	WB	PM	Ramp	0.23	0.33	3.23	0.42	1496	1027	0.0134	0.0125	0.0073	0.0004	0.0025	0.0078	0.0016	0.0011	0.0002	0.0015	0.0213

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
360	2025	ALT2	WB	PM	Ramp	0.15	0.20	1.93	0.35	871	617	0.0086	0.0080	0.0044	0.0002	0.0038	0.0089	0.0009	0.0005	0.0001	0.0028	0.0441
361	2025	ALT2	WB	PM	Ramp	0.14	0.21	1.95	0.28	915	633	0.0085	0.0079	0.0046	0.0002	0.0023	0.0061	0.0010	0.0006	0.0001	0.0013	0.0227
362	2025	ALT2	WB	PM	Ramp	0.10	0.15	2.14	0.31	792	555	0.0067	0.0062	0.0033	0.0002	0.0016	0.0044	0.0007	0.0004	0.0001	0.0021	0.0163
363	2025	ALT2	WB	PM	Ramp	0.25	0.36	4.14	0.54	1732	1193	0.0146	0.0135	0.0080	0.0004	0.0030	0.0089	0.0017	0.0011	0.0002	0.0021	0.0258
364	2025	ALT2	WB	PM	HOV																	
365	2025	ALT2	WB	PM	HOV																	
366	2025	ALT2	WB	PM	HOV	0.17	0.22	5.42	0.64	1471	1002	0.0064	0.0060	0.0053	0.0003	0.0010	0.0040	0.0012	0.0005	0.0001	0.0007	0.0015
367	2025	ALT2	WB	PM	HOV	0.33	0.43	10.53	1.24	2858	1947	0.0125	0.0116	0.0103	0.0006	0.0020	0.0078	0.0024	0.0010	0.0001	0.0013	0.0028
368	2025	ALT2	WB	PM	HOV	0.21	0.28	6.72	0.79	1823	1242	0.0080	0.0074	0.0066	0.0004	0.0012	0.0050	0.0015	0.0006	0.0001	0.0008	0.0018
369	2025	ALT2	WB	PM	HOV	0.17	0.23	5.57	0.65	1510	1029	0.0066	0.0061	0.0055	0.0003	0.0010	0.0041	0.0012	0.0005	0.0001	0.0007	0.0015
370	2025	ALT2	WB	PM	HOV	0.16	0.21	5.29	0.62	1428	973	0.0063	0.0058	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0014
371	2025	ALT2	WB	PM	HOV	0.15	0.20	5.01	0.59	1354	922	0.0059	0.0055	0.0049	0.0003	0.0009	0.0037	0.0011	0.0005	0.0001	0.0006	0.0014
372	2025	ALT2	WB	PM	HOV	0.16	0.21	5.22	0.61	1410	960	0.0062	0.0057	0.0051	0.0003	0.0010	0.0038	0.0012	0.0005	0.0001	0.0006	0.0014
373	2025	ALT2	WB	PM	HOV	0.07	0.10	2.40	0.28	649	442	0.0028	0.0026	0.0023	0.0001	0.0004	0.0018	0.0005	0.0002	0.0000	0.0003	0.0007
374	2025	ALT2	WB	PM	HOV	0.11	0.15	3.71	0.43	1003	683	0.0044	0.0041	0.0036	0.0002	0.0007	0.0027	0.0008	0.0003	0.0001	0.0005	0.0010
375	2025	ALT2	WB	PM	HOV	0.07	0.10	2.43	0.28	657	447	0.0029	0.0027	0.0024	0.0001	0.0004	0.0018	0.0005	0.0002	0.0000	0.0003	0.0007
376	2025	ALT2	WB	PM	HOV	0.34	0.44	10.91	1.28	2947	2007	0.0129	0.0120	0.0106	0.0006	0.0020	0.0080	0.0024	0.0010	0.0001	0.0013	0.0030
377	2025	ALT2	WB	PM	HOV	0.11	0.15	3.64	0.43	983	669	0.0043	0.0040	0.0035	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0004	0.0010
378	2025	ALT2	WB	PM	HOV	0.05	0.07	1.70	0.20	458	312	0.0020	0.0019	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0005
379	2025	ALT2	WB	PM	HOV	0.22	0.30	7.48	0.82	1997	1360	0.0095	0.0088	0.0070	0.0004	0.0013	0.0053	0.0016	0.0008	0.0001	0.0008	0.0022
380	2025	ALT2	WB	PM	HOV	0.11	0.15	3.87	0.42	1033	703	0.0049	0.0045	0.0036	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0011
381	2025	ALT2	WB	PM	HOV	0.13	0.18	4.47	0.49	1194	813	0.0057	0.0052	0.0042	0.0002	0.0008	0.0032	0.0010	0.0005	0.0001	0.0005	0.0013
382	2025	ALT2	WB	PM	HOV	0.12	0.17	4.16	0.46	1110	756	0.0053	0.0049	0.0039	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0012
383	2025	ALT2	WB	PM	HOV	0.19	0.26	6.45	0.71	1722	1173	0.0082	0.0076	0.0061	0.0003	0.0011	0.0046	0.0014	0.0007	0.0001	0.0007	0.0019
384	2025	ALT2	WB	PM	HOV	0.07	0.09	2.24	0.25	599	408	0.0028	0.0026	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0007
385	2025	ALT2	WB	PM	HOV	0.17	0.22	5.58	0.61	1489	1014	0.0071	0.0065	0.0052	0.0003	0.0010	0.0039	0.0012	0.0006	0.0001	0.0006	0.0017
386	2025	ALT2	WB	PM	HOV	0.17	0.23	5.66	0.62	1513	1030	0.0072	0.0066	0.0053	0.0003	0.0010	0.0040	0.0012	0.0006	0.0001	0.0006	0.0017
387	2025	ALT2	WB	PM	HOV	0.42	0.57	14.12	1.55	3772	2568	0.0179	0.0166	0.0133	0.0007	0.0025	0.0100	0.0030	0.0014	0.0002	0.0016	0.0042
388	2025	ALT2	WB	PM	HOV	0.12	0.17	4.21	0.46	1123	765	0.0053	0.0049	0.0040	0.0002	0.0007	0.0030	0.0009	0.0004	0.0001	0.0005	0.0012
389	2025	ALT2	WB	PM	HOV	0.11	0.15	3.68	0.40	982	669	0.0047	0.0043	0.0035	0.0002	0.0006	0.0026	0.0008	0.0004	0.0001	0.0004	0.0011
390	2025	ALT2	WB	PM	HOV	0.08	0.10	2.50	0.29	677	461	0.0030	0.0027	0.0024	0.0001	0.0005	0.0018	0.0006	0.0002	0.0000	0.0003	0.0007
391	2025	ALT2	WB	PM	HOV	0.15	0.20	4.82	0.57	1309	891	0.0057	0.0053	0.0047	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0013
392	2025	ALT2	WB	PM	HOV	0.02	0.03	0.62	0.07	169	115	0.0007	0.0007	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0002
393	2025	ALT2	WB	PM	HOV	0.26	0.34	8.35	0.98	2265	1543	0.0099	0.0092	0.0082	0.0004	0.0016	0.0062	0.0019	0.0008	0.0001	0.0010	0.0023
394	2025	ALT2	WB	PM	HOV	0.04	0.05	1.19	0.14	322	219	0.0014	0.0013	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
395	2025	ALT2	WB	PM	HOV	0.10	0.13	3.23	0.38	876	597	0.0038	0.0035	0.0032	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0009
396	2025	ALT2	WB	PM	HOV	0.17	0.23	5.61	0.66	1523	1038	0.0067	0.0062	0.0055	0.0003	0.0010	0.0042	0.0013	0.0005	0.0001	0.0007	0.0015
397	2025	ALT2	WB	PM	HOV	0.10	0.13	3.29	0.39	893	608	0.0039	0.0036	0.0032	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0009
398	2025	ALT2	WB	PM	HOV	0.07	0.09	2.29	0.27	622	424	0.0027	0.0025	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
399	2025	ALT2	WB	PM	HOV	0.11	0.15	3.69	0.43	1002	683	0.0044	0.0041	0.0036	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0005	0.0010
400	2025	ALT2	WB	PM	HOV	0.36	0.47	11.49	1.35	3117	2123	0.0136	0.0126	0.0112	0.0006	0.0021	0.0085	0.0026	0.0011	0.0002	0.0014	0.0031
401	2025	ALT2	WB	PM	HOV	0.14	0.19	4.72	0.54	1266	862	0.0056	0.0052	0.0045	0.0002	0.0009	0.0034	0.0010	0.0004	0.0001	0.0006	0.0013
402	2025	ALT2	WB	PM	HOV	0.24	0.32	8.04	0.93	2155	1468	0.0096	0.0089	0.0077	0.0004	0.0014	0.0058	0.0017	0.0008	0.0001	0.0010	0.0022
403	2025	ALT2	WB	PM	HOV	0.17	0.23	5.76	0.66	1543	1051	0.0069	0.0064	0.0055	0.0003	0.0010	0.0042	0.0013	0.0005	0.0001	0.0007	0.0016
404	2025	ALT2	WB	PM	HOV	0.17	0.22	5.55	0.64	1488	1013	0.0066	0.0061	0.0053	0.0003	0.0010	0.0040	0.0012	0.0005	0.0001	0.0007	0.0015
405	2025	ALT2	WB	PM	HOV	0.12	0.16	4.05	0.47	1085	739	0.0048	0.0045	0.0039	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0011
406	2025	ALT2	WB	PM	HOV	0.18	0.24	5.98	0.69	1603	1092	0.0071	0.0066	0.0057	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0017
407	2025	ALT2	WB	PM	HOV	0.11	0.15	3.62	0.42	969	660	0.0043	0.0040	0.0035	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0010

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
408	2025	ALT2	WB	PM	HOV	0.19	0.26	6.42	0.74	1720	1172	0.0077	0.0071	0.0061	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0008	0.0018
409	2025	ALT2	WB	PM	HOV	0.13	0.17	4.34	0.50	1163	792	0.0052	0.0048	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0012
410	2025	ALT2	WB	PM	HOV	0.15	0.19	4.50	0.54	1247	849	0.0053	0.0049	0.0046	0.0002	0.0009	0.0035	0.0010	0.0004	0.0001	0.0006	0.0012
411	2025	ALT2	WB	PM	HOV	0.10	0.13	2.99	0.36	829	565	0.0036	0.0033	0.0031	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0008
412	2025	ALT2	WB	PM	HOV	0.47	0.61	14.47	1.73	4008	2730	0.0172	0.0159	0.0147	0.0008	0.0028	0.0112	0.0034	0.0013	0.0002	0.0019	0.0038
413	2025	ALT2	WB	PM	HOV	0.18	0.24	5.56	0.66	1541	1049	0.0066	0.0061	0.0057	0.0003	0.0011	0.0043	0.0013	0.0005	0.0001	0.0007	0.0015
414	2025	ALT2	WB	PM	HOV	0.10	0.13	2.97	0.35	823	560	0.0035	0.0033	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0008
415	2025	ALT2	WB	PM	HOV	0.05	0.06	1.52	0.18	421	287	0.0018	0.0017	0.0015	0.0001	0.0003	0.0012	0.0004	0.0001	0.0000	0.0002	0.0004
416	2025	ALT2	WB	PM	HOV	0.21	0.27	6.47	0.77	1793	1221	0.0077	0.0071	0.0066	0.0004	0.0013	0.0050	0.0015	0.0006	0.0001	0.0008	0.0017
417	2025	ALT2	WB	PM	HOV	0.05	0.06	1.52	0.18	420	286	0.0018	0.0017	0.0015	0.0001	0.0003	0.0012	0.0004	0.0001	0.0000	0.0002	0.0004
418	2025	ALT2	WB	PM	HOV	0.01	0.01	0.24	0.03	65	44	0.0003	0.0003	0.0002	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
419	2025	ALT2	WB	PM	HOV	0.11	0.14	3.32	0.40	918	626	0.0039	0.0036	0.0034	0.0002	0.0006	0.0026	0.0008	0.0003	0.0000	0.0004	0.0009
420	2025	ALT2	WB	PM	HOV	0.20	0.27	6.68	0.73	1791	1220	0.0086	0.0080	0.0063	0.0003	0.0012	0.0047	0.0014	0.0007	0.0001	0.0008	0.0020
421	2025	ALT2	WB	PM	HOV	0.22	0.30	7.51	0.82	2013	1371	0.0097	0.0090	0.0071	0.0004	0.0013	0.0053	0.0016	0.0008	0.0001	0.0008	0.0023
422	2025	ALT2	WB	PM	HOV	0.23	0.31	7.73	0.84	2071	1410	0.0100	0.0093	0.0073	0.0004	0.0014	0.0055	0.0017	0.0008	0.0001	0.0009	0.0023
423	2025	ALT2	WB	PM	HOV	0.22	0.29	7.31	0.80	1961	1335	0.0095	0.0088	0.0069	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0008	0.0022
424	2025	ALT2	WB	PM	HOV	0.17	0.23	5.58	0.61	1497	1019	0.0072	0.0067	0.0053	0.0003	0.0010	0.0040	0.0012	0.0006	0.0001	0.0006	0.0017
425	2025	ALT2	WB	PM	HOV	0.50	0.68	16.74	1.82	4488	3056	0.0217	0.0201	0.0158	0.0008	0.0029	0.0119	0.0036	0.0017	0.0003	0.0019	0.0051
426	2025	ALT2	WB	PM	HOV	0.12	0.17	4.09	0.45	1098	747	0.0053	0.0049	0.0039	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0012
427	2025	ALT2	WB	PM	HOV	0.17	0.23	5.79	0.63	1553	1057	0.0075	0.0069	0.0055	0.0003	0.0010	0.0041	0.0012	0.0006	0.0001	0.0007	0.0018
428	2025	ALT2	WB	PM	HOV	0.15	0.21	5.09	0.55	1365	930	0.0066	0.0061	0.0048	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0015
429	2025	ALT2	WB	PM	HOV	0.29	0.39	9.74	1.06	2611	1778	0.0126	0.0117	0.0092	0.0005	0.0017	0.0069	0.0021	0.0010	0.0001	0.0011	0.0029
430	2025	ALT2	WB	PM	HOV	0.20	0.27	6.72	0.77	1796	1223	0.0080	0.0075	0.0064	0.0003	0.0012	0.0048	0.0015	0.0006	0.0001	0.0008	0.0019
431	2025	ALT2	WB	PM	HOV	0.13	0.18	4.48	0.51	1198	816	0.0054	0.0050	0.0043	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0012
432	2025	ALT2	WB	PM	HOV	0.13	0.17	4.27	0.49	1141	777	0.0051	0.0047	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0012
433	2025	ALT2	WB	PM	HOV	0.35	0.48	10.59	1.13	3050	2077	0.0166	0.0154	0.0111	0.0006	0.0020	0.0083	0.0025	0.0014	0.0002	0.0013	0.0037
434	2025	ALT2	WB	PM	HOV	0.41	0.57	12.48	1.33	3592	2446	0.0196	0.0182	0.0131	0.0007	0.0024	0.0098	0.0030	0.0016	0.0002	0.0015	0.0043
435	2025	ALT2	WB	PM	HOV	0.32	0.44	9.63	1.02	2773	1888	0.0151	0.0140	0.0101	0.0005	0.0018	0.0075	0.0023	0.0012	0.0002	0.0011	0.0033
436	2025	ALT2	WB	PM	HOV	0.27	0.37	8.10	0.86	2331	1587	0.0127	0.0118	0.0085	0.0005	0.0015	0.0063	0.0019	0.0010	0.0002	0.0010	0.0028
437	2025	ALT2	WB	PM	HOV	0.25	0.34	7.48	0.79	2153	1466	0.0117	0.0109	0.0079	0.0004	0.0014	0.0059	0.0018	0.0010	0.0001	0.0009	0.0026
216	2025	ALT2	WB	NT	Mainline	0.92	1.12	15.85	7.90	8589	6903	0.2950	0.2715	0.0256	0.0009	0.0326	0.0719	0.0048	0.0016	0.0014	0.2806	0.4008
217	2025	ALT2	WB	NT	Mainline	1.70	2.07	29.07	15.24	16195	13099	0.5750	0.5292	0.0472	0.0017	0.0636	0.1390	0.0087	0.0030	0.0027	0.5493	0.7877
218	2025	ALT2	WB	NT	Mainline	1.17	1.43	20.36	9.88	10883	8717	0.3669	0.3377	0.0328	0.0012	0.0407	0.0899	0.0062	0.0021	0.0017	0.3482	0.4968
219	2025	ALT2	WB	NT	Mainline	1.71	2.08	29.63	14.70	16028	12881	0.5451	0.5017	0.0476	0.0018	0.0612	0.1345	0.0089	0.0030	0.0026	0.5183	0.7520
220	2025	ALT2	WB	NT	Mainline	1.00	1.23	18.02	7.73	9044	7136	0.2769	0.2549	0.0285	0.0011	0.0313	0.0704	0.0056	0.0019	0.0013	0.2595	0.3735
221	2025	ALT2	WB	NT	Mainline	0.89	1.09	15.89	7.18	8186	6503	0.2601	0.2394	0.0252	0.0010	0.0294	0.0656	0.0048	0.0016	0.0012	0.2451	0.3556
222	2025	ALT2	WB	NT	Mainline	1.04	1.28	18.92	7.75	9281	7280	0.2734	0.2517	0.0298	0.0012	0.0311	0.0706	0.0059	0.0020	0.0013	0.2549	0.3675
223	2025	ALT2	WB	NT	Mainline	0.49	0.61	8.98	3.61	4370	3420	0.1269	0.1168	0.0141	0.0006	0.0145	0.0329	0.0028	0.0009	0.0006	0.1180	0.1703
224	2025	ALT2	WB	NT	Mainline	0.66	0.80	11.77	5.15	5966	4720	0.1849	0.1702	0.0186	0.0007	0.0210	0.0470	0.0036	0.0012	0.0009	0.1736	0.2519
225	2025	ALT2	WB	NT	Mainline	0.42	0.52	7.51	3.35	3846	3050	0.1211	0.1115	0.0119	0.0005	0.0137	0.0306	0.0023	0.0008	0.0006	0.1140	0.1652
226	2025	ALT2	WB	NT	Mainline	1.87	2.28	33.02	15.04	17081	13576	0.5489	0.5052	0.0527	0.0020	0.0613	0.1369	0.0101	0.0034	0.0026	0.5177	0.7407
227	2025	ALT2	WB	NT	Mainline	0.69	0.85	12.51	5.16	6160	4835	0.1834	0.1689	0.0198	0.0008	0.0206	0.0469	0.0039	0.0013	0.0009	0.1712	0.2440
228	2025	ALT2	WB	NT	Mainline	0.41	0.51	7.68	2.72	3521	2710	0.0918	0.0845	0.0120	0.0005	0.0105	0.0246	0.0024	0.0008	0.0005	0.0838	0.1195
229	2025	ALT2	WB	NT	Mainline	2.82	3.48	52.59	18.94	24283	18743	0.6402	0.5894	0.0816	0.0035	0.0740	0.1722	0.0165	0.0055	0.0032	0.5866	0.8472
230	2025	ALT2	WB	NT	Mainline	0.74	0.92	14.05	4.56	6199	4720	0.1481	0.1364	0.0217	0.0010	0.0173	0.0413	0.0045	0.0015	0.0008	0.1334	0.1918
231	2025	ALT2	WB	NT	Mainline	0.79	0.97	14.89	5.08	6707	5142	0.1680	0.1547	0.0230	0.0010	0.0196	0.0462	0.0047	0.0016	0.0008	0.1526	0.2211
232	2025	ALT2	WB	NT	Mainline	0.72	0.89	13.42	4.84	6205	4789	0.1643	0.1512	0.0209	0.0009	0.0189	0.0440	0.0042	0.0014	0.0008	0.1505	0.2159
233	2025	ALT2	WB	NT	Mainline	2.49	3.07	46.76	17.28	21810	16908	0.5828	0.5365	0.0717	0.0030	0.0687	0.1583	0.0144	0.0048	0.0029	0.5360	0.7969

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
234	2025	ALT2	WB	NT	Mainline	0.41	0.50	7.70	2.68	3498	2690	0.0890	0.0820	0.0118	0.0005	0.0105	0.0245	0.0024	0.0008	0.0004	0.0812	0.1192
235	2025	ALT2	WB	NT	Mainline	1.63	2.01	30.85	11.07	14187	10959	0.3689	0.3396	0.0471	0.0020	0.0437	0.1013	0.0095	0.0032	0.0018	0.3377	0.5039
236	2025	ALT2	WB	NT	Mainline	1.15	1.42	22.10	7.08	9670	7359	0.2264	0.2084	0.0335	0.0015	0.0271	0.0645	0.0069	0.0023	0.0012	0.2033	0.3008
237	2025	ALT2	WB	NT	Mainline	1.80	2.21	33.31	12.73	15795	12289	0.4369	0.4022	0.0517	0.0021	0.0507	0.1162	0.0103	0.0034	0.0021	0.4037	0.5908
238	2025	ALT2	WB	NT	Mainline	0.57	0.71	10.72	3.92	4979	3853	0.1323	0.1218	0.0165	0.0007	0.0155	0.0358	0.0033	0.0011	0.0007	0.1215	0.1785
239	2025	ALT2	WB	NT	Mainline	0.51	0.62	9.49	3.45	4395	3398	0.1161	0.1069	0.0146	0.0006	0.0136	0.0315	0.0029	0.0010	0.0006	0.1065	0.1565
240	2025	ALT2	WB	NT	Mainline	0.62	0.77	11.86	3.89	5250	4007	0.1265	0.1165	0.0181	0.0008	0.0150	0.0354	0.0037	0.0012	0.0006	0.1141	0.1669
241	2025	ALT2	WB	NT	Mainline	2.27	2.80	42.89	14.88	19448	14948	0.4927	0.4536	0.0658	0.0028	0.0580	0.1356	0.0134	0.0044	0.0025	0.4487	0.6587
242	2025	ALT2	WB	NT	Mainline	0.14	0.18	2.67	0.96	1234	953	0.0327	0.0301	0.0041	0.0002	0.0038	0.0088	0.0008	0.0003	0.0002	0.0299	0.0433
243	2025	ALT2	WB	NT	Mainline	1.82	2.25	33.95	12.62	15894	12324	0.4293	0.3952	0.0525	0.0022	0.0499	0.1152	0.0105	0.0035	0.0021	0.3952	0.5782
244	2025	ALT2	WB	NT	Mainline	0.27	0.34	5.12	1.86	2371	1832	0.0628	0.0578	0.0079	0.0003	0.0073	0.0169	0.0016	0.0005	0.0003	0.0576	0.0834
245	2025	ALT2	WB	NT	Mainline	1.76	2.16	32.76	12.14	15312	11868	0.4121	0.3794	0.0506	0.0021	0.0480	0.1108	0.0102	0.0034	0.0020	0.3792	0.5554
246	2025	ALT2	WB	NT	Mainline	1.31	1.61	24.37	8.89	11316	8749	0.3015	0.2775	0.0378	0.0016	0.0349	0.0809	0.0076	0.0025	0.0015	0.2767	0.4007
247	2025	ALT2	WB	NT	Mainline	1.73	2.13	31.99	12.31	15223	11855	0.4238	0.3902	0.0497	0.0021	0.0491	0.1124	0.0099	0.0033	0.0021	0.3920	0.5731
248	2025	ALT2	WB	NT	Mainline	0.59	0.73	11.24	3.74	5009	3829	0.1224	0.1127	0.0173	0.0008	0.0144	0.0340	0.0035	0.0012	0.0006	0.1108	0.1611
249	2025	ALT2	WB	NT	Mainline	1.88	2.32	35.20	12.42	16109	12401	0.4170	0.3839	0.0546	0.0023	0.0483	0.1129	0.0111	0.0037	0.0021	0.3809	0.5496
250	2025	ALT2	WB	NT	Mainline	2.98	3.68	56.45	19.12	25351	19421	0.6300	0.5801	0.0868	0.0038	0.0739	0.1740	0.0178	0.0059	0.0032	0.5716	0.8315
251	2025	ALT2	WB	NT	Mainline	2.28	2.82	42.85	15.56	19840	15340	0.5243	0.4827	0.0660	0.0028	0.0613	0.1421	0.0133	0.0044	0.0026	0.4809	0.7063
252	2025	ALT2	WB	NT	Mainline	1.81	2.23	33.99	11.93	15507	11933	0.3984	0.3668	0.0525	0.0023	0.0465	0.1086	0.0107	0.0035	0.0020	0.3636	0.5285
253	2025	ALT2	WB	NT	Mainline	1.29	1.60	24.34	8.54	11106	8546	0.2853	0.2627	0.0376	0.0016	0.0333	0.0778	0.0076	0.0025	0.0014	0.2604	0.3785
254	2025	ALT2	WB	NT	Mainline	1.12	1.37	20.49	8.03	9837	7675	0.2790	0.2569	0.0320	0.0013	0.0320	0.0731	0.0064	0.0021	0.0014	0.2587	0.3742
255	2025	ALT2	WB	NT	Mainline	1.92	2.35	34.52	14.82	17326	13678	0.5281	0.4861	0.0544	0.0021	0.0603	0.1355	0.0106	0.0036	0.0025	0.4949	0.7216
256	2025	ALT2	WB	NT	Mainline	1.34	1.66	25.22	8.95	11566	8913	0.3003	0.2765	0.0390	0.0017	0.0350	0.0815	0.0079	0.0026	0.0015	0.2745	0.3990
257	2025	ALT2	WB	NT	Mainline	1.73	2.13	32.32	11.98	15108	11712	0.4064	0.3741	0.0499	0.0021	0.0475	0.1095	0.0100	0.0033	0.0020	0.3739	0.5497
258	2025	ALT2	WB	NT	Mainline	1.53	1.89	28.64	10.01	13054	10035	0.3354	0.3088	0.0445	0.0019	0.0388	0.0909	0.0091	0.0030	0.0017	0.3058	0.4392
259	2025	ALT2	WB	NT	Mainline	2.23	2.75	41.57	14.78	19093	14709	0.4985	0.4590	0.0647	0.0028	0.0575	0.1342	0.0131	0.0043	0.0025	0.4559	0.6540
260	2025	ALT2	WB	NT	Mainline	1.48	1.83	27.82	9.67	12648	9716	0.3231	0.2975	0.0431	0.0019	0.0374	0.0878	0.0088	0.0029	0.0016	0.2944	0.4231
261	2025	ALT2	WB	NT	Mainline	1.86	2.29	34.50	12.70	16093	12457	0.4327	0.3984	0.0536	0.0023	0.0499	0.1156	0.0108	0.0036	0.0021	0.3978	0.5752
262	2025	ALT2	WB	NT	Mainline	4.46	5.48	81.47	31.88	39112	30501	1.1119	1.0235	0.1279	0.0053	0.1265	0.2898	0.0255	0.0085	0.0054	1.0307	1.4781
263	2025	ALT2	WB	NT	Mainline	2.22	2.72	40.31	16.39	19706	15447	0.5772	0.5314	0.0633	0.0026	0.0657	0.1494	0.0125	0.0042	0.0028	0.5377	0.7762
264	2025	ALT2	WB	NT	Mainline	0.88	1.08	16.16	6.71	7970	6271	0.2347	0.2161	0.0251	0.0010	0.0274	0.0617	0.0049	0.0017	0.0011	0.2192	0.3265
265	2025	ALT2	WB	NT	Mainline	0.47	0.58	8.59	3.55	4233	3326	0.1250	0.1150	0.0134	0.0005	0.0144	0.0325	0.0026	0.0009	0.0006	0.1166	0.1709
266	2025	ALT2	WB	NT	Mainline	1.64	2.01	29.05	13.64	15270	12196	0.4964	0.4569	0.0461	0.0017	0.0567	0.1254	0.0087	0.0030	0.0023	0.4696	0.6915
267	2025	ALT2	WB	NT	Mainline	0.53	0.65	9.53	4.30	4905	3899	0.1547	0.1424	0.0150	0.0006	0.0178	0.0395	0.0029	0.0010	0.0007	0.1458	0.2152
268	2025	ALT2	WB	NT	Mainline	0.10	0.12	1.80	0.76	896	706	0.0267	0.0245	0.0028	0.0001	0.0031	0.0070	0.0005	0.0002	0.0001	0.0249	0.0370
269	2025	ALT2	WB	NT	Mainline	2.66	3.26	48.38	20.70	24228	19136	0.7303	0.6722	0.0754	0.0030	0.0850	0.1906	0.0146	0.0049	0.0035	0.6842	1.0207
270	2025	ALT2	WB	NT	Mainline	1.16	1.42	20.78	9.34	10676	8485	0.3343	0.3077	0.0326	0.0012	0.0387	0.0862	0.0062	0.0021	0.0016	0.3149	0.4700
271	2025	ALT2	WB	NT	Mainline	1.80	2.20	32.24	14.82	16757	13366	0.5285	0.4865	0.0503	0.0019	0.0623	0.1378	0.0095	0.0033	0.0025	0.4989	0.7620
272	2025	ALT2	WB	NT	Mainline	1.30	1.59	23.41	10.78	12180	9719	0.3840	0.3534	0.0365	0.0014	0.0454	0.1004	0.0069	0.0024	0.0018	0.3625	0.5562
273	2025	ALT2	WB	NT	Mainline	1.31	1.60	23.56	10.58	12094	9611	0.3778	0.3477	0.0369	0.0014	0.0439	0.0976	0.0071	0.0024	0.0018	0.3558	0.5327
274	2025	ALT2	WB	NT	Mainline	1.50	1.84	26.76	12.38	13953	11128	0.4461	0.4106	0.0422	0.0016	0.0516	0.1142	0.0080	0.0027	0.0021	0.4213	0.6287
275	2025	ALT2	WB	NT	Mainline	2.89	3.53	51.79	22.81	26331	20860	0.8167	0.7517	0.0816	0.0032	0.0935	0.2092	0.0157	0.0053	0.0039	0.7676	1.1269
276	2025	ALT2	WB	NT	Mainline	0.77	0.94	13.88	5.79	6866	5400	0.2048	0.1885	0.0218	0.0009	0.0234	0.0528	0.0043	0.0014	0.0010	0.1913	0.2779
277	2025	ALT2	WB	NT	Mainline	1.68	2.06	30.21	13.35	15386	12195	0.4784	0.4404	0.0476	0.0018	0.0548	0.1225	0.0092	0.0031	0.0023	0.4498	0.6608
278	2025	ALT2	WB	NT	Mainline	0.86	1.05	15.03	7.25	8010	6417	0.2660	0.2449	0.0240	0.0009	0.0302	0.0666	0.0045	0.0015	0.0013	0.2523	0.3697
279	2025	ALT2	WB	NT	Mainline	1.66	2.03	29.62	13.88	15552	12430	0.4993	0.4596	0.0465	0.0017	0.0583	0.1287	0.0088	0.0030	0.0024	0.4722	0.7141
280	2025	ALT2	WB	NT	Mainline	1.79	2.19	32.10	14.67	16630	13251	0.5240	0.4823	0.0502	0.0019	0.0614	0.1360	0.0095	0.0032	0.0025	0.4944	0.7485
281	2025	ALT2	WB	NT	Mainline	1.32	1.62	24.25	10.31	12100	9560	0.3590	0.3305	0.0373	0.0015	0.0428	0.0958	0.0072	0.0024	0.0017	0.3361	0.5163

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
282	2025	ALT2	WB	NT	Mainline	1.94	2.38	35.13	15.65	17957	14267	0.5535	0.5095	0.0546	0.0021	0.0654	0.1453	0.0104	0.0035	0.0026	0.5208	0.7944
283	2025	ALT2	WB	NT	Mainline	1.81	2.22	33.05	14.31	16644	13179	0.5010	0.4612	0.0510	0.0020	0.0596	0.1329	0.0098	0.0033	0.0024	0.4700	0.7205
284	2025	ALT2	WB	NT	Mainline	2.23	2.74	41.40	17.10	20350	16023	0.5888	0.5420	0.0633	0.0025	0.0707	0.1588	0.0123	0.0042	0.0028	0.5493	0.8489
285	2025	ALT2	WB	NT	Mainline	1.61	1.97	29.20	12.89	14858	11792	0.4546	0.4184	0.0453	0.0017	0.0538	0.1197	0.0087	0.0030	0.0022	0.4273	0.6528
286	2025	ALT2	WB	NT	Mainline	1.34	1.64	24.15	11.00	12493	9953	0.3915	0.3603	0.0377	0.0014	0.0462	0.1022	0.0071	0.0024	0.0019	0.3692	0.5633
287	2025	ALT2	WB	NT	Mainline	2.45	2.99	43.35	20.76	23030	18457	0.7506	0.6909	0.0683	0.0025	0.0876	0.1928	0.0128	0.0044	0.0035	0.7113	1.0777
288	2025	ALT2	WB	NT	Mainline	0.27	0.34	5.05	2.08	2479	1948	0.0723	0.0665	0.0078	0.0003	0.0085	0.0191	0.0015	0.0005	0.0003	0.0674	0.1010
289	2025	ALT2	WB	NT	Mainline	2.89	3.55	53.36	22.43	26468	20884	0.7776	0.7158	0.0819	0.0032	0.0930	0.2083	0.0158	0.0054	0.0037	0.7270	1.1193
290	2025	ALT2	WB	NT	Ramp	0.04	0.05	1.23	0.16	347	241	0.0022	0.0020	0.0012	0.0001	0.0004	0.0013	0.0003	0.0001	0.0000	0.0007	0.0030
291	2025	ALT2	WB	NT	Ramp	0.04	0.06	1.23	0.17	371	259	0.0026	0.0024	0.0013	0.0001	0.0005	0.0015	0.0003	0.0001	0.0000	0.0009	0.0045
292	2025	ALT2	WB	NT	Ramp	0.01	0.01	0.31	0.04	87	60	0.0006	0.0005	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0002	0.0008
293	2025	ALT2	WB	NT	Ramp	0.12	0.16	2.40	0.33	880	613	0.0071	0.0066	0.0036	0.0002	0.0016	0.0045	0.0008	0.0005	0.0001	0.0020	0.0150
294	2025	ALT2	WB	NT	Ramp	0.04	0.05	1.00	0.14	312	219	0.0024	0.0022	0.0011	0.0001	0.0005	0.0014	0.0002	0.0001	0.0000	0.0010	0.0049
295	2025	ALT2	WB	NT	Ramp	0.09	0.13	1.90	0.26	690	481	0.0056	0.0052	0.0028	0.0001	0.0012	0.0035	0.0006	0.0004	0.0001	0.0016	0.0115
296	2025	ALT2	WB	NT	Ramp	0.02	0.02	0.35	0.07	135	97	0.0013	0.0012	0.0005	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0007	0.0042
297	2025	ALT2	WB	NT	Ramp	0.32	0.42	7.90	1.62	2744	2013	0.0293	0.0270	0.0095	0.0004	0.0082	0.0194	0.0019	0.0009	0.0002	0.0191	0.0956
298	2025	ALT2	WB	NT	Ramp	0.00	0.00	0.09	0.01	28	19	0.0002	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0004
299	2025	ALT2	WB	NT	Ramp	0.01	0.02	0.43	0.06	128	91	0.0010	0.0009	0.0004	0.0000	0.0002	0.0006	0.0001	0.0000	0.0000	0.0005	0.0021
300	2025	ALT2	WB	NT	Ramp	0.22	0.30	6.57	0.88	1960	1367	0.0137	0.0126	0.0070	0.0004	0.0027	0.0080	0.0015	0.0008	0.0001	0.0049	0.0234
301	2025	ALT2	WB	NT	Ramp	0.09	0.12	2.23	0.38	749	537	0.0068	0.0063	0.0027	0.0001	0.0017	0.0044	0.0006	0.0003	0.0001	0.0036	0.0188
302	2025	ALT2	WB	NT	Ramp	0.01	0.01	0.25	0.04	75	52	0.0006	0.0005	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0003	0.0011
303	2025	ALT2	WB	NT	Ramp	0.03	0.04	0.77	0.14	261	189	0.0026	0.0024	0.0009	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0016	0.0079
304	2025	ALT2	WB	NT	Ramp	0.03	0.04	0.79	0.11	234	164	0.0017	0.0015	0.0008	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0007	0.0030
305	2025	ALT2	WB	NT	Ramp	0.04	0.06	1.12	0.20	371	267	0.0035	0.0032	0.0013	0.0001	0.0009	0.0022	0.0003	0.0001	0.0000	0.0019	0.0098
306	2025	ALT2	WB	NT	Ramp	0.02	0.03	0.59	0.08	179	124	0.0012	0.0011	0.0006	0.0000	0.0002	0.0007	0.0001	0.0001	0.0000	0.0004	0.0018
307	2025	ALT2	WB	NT	Ramp	0.08	0.11	1.45	0.23	555	392	0.0050	0.0046	0.0023	0.0001	0.0014	0.0037	0.0005	0.0003	0.0000	0.0018	0.0155
308	2025	ALT2	WB	NT	Ramp	0.04	0.06	1.14	0.19	378	270	0.0034	0.0031	0.0014	0.0001	0.0008	0.0022	0.0003	0.0001	0.0000	0.0017	0.0090
309	2025	ALT2	WB	NT	Ramp	0.05	0.06	0.85	0.18	345	251	0.0037	0.0034	0.0014	0.0001	0.0013	0.0030	0.0003	0.0002	0.0000	0.0020	0.0153
310	2025	ALT2	WB	NT	Ramp	0.20	0.26	5.34	1.18	1838	1360	0.0241	0.0222	0.0060	0.0003	0.0049	0.0116	0.0012	0.0005	0.0001	0.0188	0.0552
311	2025	ALT2	WB	NT	Ramp	0.09	0.13	1.87	0.32	707	504	0.0066	0.0061	0.0029	0.0001	0.0018	0.0047	0.0006	0.0003	0.0001	0.0028	0.0201
312	2025	ALT2	WB	NT	Ramp	0.02	0.03	0.46	0.08	157	113	0.0014	0.0013	0.0006	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0007	0.0041
313	2025	ALT2	WB	NT	Ramp	0.20	0.27	5.71	0.99	1803	1298	0.0167	0.0154	0.0062	0.0003	0.0041	0.0102	0.0013	0.0006	0.0001	0.0100	0.0440
314	2025	ALT2	WB	NT	Ramp	0.05	0.07	1.45	0.17	432	297	0.0027	0.0025	0.0016	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0006	0.0027
315	2025	ALT2	WB	NT	Ramp	0.08	0.11	1.76	0.28	645	456	0.0057	0.0053	0.0025	0.0001	0.0014	0.0037	0.0005	0.0003	0.0001	0.0023	0.0142
316	2025	ALT2	WB	NT	Ramp	0.02	0.03	0.64	0.10	202	143	0.0016	0.0015	0.0007	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0007	0.0037
317	2025	ALT2	WB	NT	Ramp	0.07	0.09	1.37	0.26	530	381	0.0053	0.0049	0.0021	0.0001	0.0016	0.0038	0.0004	0.0002	0.0000	0.0026	0.0176
318	2025	ALT2	WB	NT	Ramp	0.02	0.03	0.56	0.07	166	115	0.0011	0.0010	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0003	0.0013
319	2025	ALT2	WB	NT	Ramp	0.06	0.09	1.36	0.23	504	359	0.0047	0.0043	0.0020	0.0001	0.0012	0.0030	0.0004	0.0002	0.0000	0.0021	0.0126
320	2025	ALT2	WB	NT	Ramp	0.04	0.05	0.98	0.13	304	213	0.0022	0.0021	0.0011	0.0001	0.0005	0.0013	0.0002	0.0001	0.0000	0.0008	0.0040
321	2025	ALT2	WB	NT	Ramp	0.09	0.12	1.88	0.29	687	484	0.0059	0.0055	0.0028	0.0001	0.0014	0.0038	0.0006	0.0003	0.0001	0.0021	0.0144
322	2025	ALT2	WB	NT	Ramp	0.03	0.05	0.88	0.13	285	202	0.0023	0.0022	0.0010	0.0001	0.0005	0.0014	0.0002	0.0001	0.0000	0.0010	0.0054
323	2025	ALT2	WB	NT	Ramp	0.10	0.13	2.45	0.50	846	620	0.0089	0.0082	0.0029	0.0001	0.0025	0.0059	0.0006	0.0003	0.0001	0.0058	0.0289
324	2025	ALT2	WB	NT	Ramp	0.04	0.05	1.10	0.15	335	235	0.0025	0.0023	0.0012	0.0001	0.0005	0.0015	0.0003	0.0001	0.0000	0.0010	0.0047
325	2025	ALT2	WB	NT	Ramp	0.18	0.24	3.40	0.70	1338	972	0.0141	0.0130	0.0053	0.0002	0.0043	0.0102	0.0011	0.0006	0.0001	0.0077	0.0493
326	2025	ALT2	WB	NT	Ramp																	
327	2025	ALT2	WB	NT	Ramp																	
328	2025	ALT2	WB	NT	Ramp	0.03	0.04	0.89	0.12	267	186	0.0018	0.0017	0.0010	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0006	0.0030
329	2025	ALT2	WB	NT	Ramp	0.10	0.13	2.07	0.33	758	536	0.0067	0.0062	0.0030	0.0001	0.0016	0.0043	0.0006	0.0004	0.0001	0.0026	0.0166

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
330	2025	ALT2	WB	NT	Ramp	0.02	0.03	0.58	0.09	179	126	0.0014	0.0013	0.0006	0.0000	0.0003	0.0009	0.0001	0.0001	0.0000	0.0006	0.0031
331	2025	ALT2	WB	NT	Ramp	0.10	0.13	2.39	0.46	814	593	0.0083	0.0076	0.0028	0.0001	0.0023	0.0054	0.0006	0.0003	0.0001	0.0051	0.0258
332	2025	ALT2	WB	NT	Ramp	0.03	0.04	0.83	0.16	269	195	0.0027	0.0025	0.0009	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0018	0.0077
333	2025	ALT2	WB	NT	Ramp	0.08	0.10	1.88	0.41	669	494	0.0075	0.0069	0.0023	0.0001	0.0022	0.0050	0.0005	0.0002	0.0001	0.0051	0.0254
334	2025	ALT2	WB	NT	Ramp	0.04	0.05	1.10	0.19	349	252	0.0033	0.0030	0.0012	0.0001	0.0008	0.0020	0.0002	0.0001	0.0000	0.0020	0.0087
335	2025	ALT2	WB	NT	Ramp	0.14	0.18	3.10	0.77	1174	882	0.0146	0.0135	0.0040	0.0002	0.0045	0.0101	0.0008	0.0004	0.0001	0.0107	0.0544
336	2025	ALT2	WB	NT	Ramp	0.10	0.14	2.69	0.53	900	658	0.0094	0.0087	0.0031	0.0001	0.0025	0.0060	0.0006	0.0003	0.0001	0.0062	0.0285
337	2025	ALT2	WB	NT	Ramp	0.05	0.07	0.91	0.40	454	365	0.0084	0.0078	0.0014	0.0000	0.0027	0.0056	0.0002	0.0001	0.0000	0.0075	0.0346
338	2025	ALT2	WB	NT	Ramp	0.05	0.06	0.89	0.29	382	296	0.0057	0.0053	0.0013	0.0000	0.0019	0.0041	0.0002	0.0001	0.0000	0.0047	0.0238
339	2025	ALT2	WB	NT	Ramp	0.14	0.17	3.55	0.77	1220	898	0.0161	0.0148	0.0040	0.0002	0.0030	0.0072	0.0008	0.0003	0.0001	0.0125	0.0326
340	2025	ALT2	WB	NT	Ramp	0.78	0.97	14.15	5.36	6513	5155	0.1115	0.1027	0.0211	0.0007	0.0347	0.0742	0.0036	0.0015	0.0006	0.0964	0.4462
341	2025	ALT2	WB	NT	Ramp	0.88	1.14	18.85	4.99	7343	5554	0.0955	0.0880	0.0253	0.0010	0.0297	0.0664	0.0048	0.0022	0.0006	0.0716	0.3658
342	2025	ALT2	WB	NT	Ramp	0.04	0.05	0.92	0.22	341	255	0.0041	0.0038	0.0012	0.0000	0.0012	0.0028	0.0002	0.0001	0.0000	0.0029	0.0150
343	2025	ALT2	WB	NT	Ramp	0.14	0.18	2.01	0.56	910	684	0.0114	0.0106	0.0040	0.0001	0.0054	0.0118	0.0007	0.0004	0.0001	0.0074	0.0680
344	2025	ALT2	WB	NT	Ramp	0.04	0.05	0.85	0.21	320	240	0.0040	0.0036	0.0011	0.0000	0.0012	0.0027	0.0002	0.0001	0.0000	0.0029	0.0146
345	2025	ALT2	WB	NT	Ramp	0.04	0.05	0.48	0.18	241	189	0.0037	0.0034	0.0010	0.0000	0.0017	0.0036	0.0002	0.0001	0.0000	0.0029	0.0217
346	2025	ALT2	WB	NT	Ramp	0.07	0.09	1.22	0.28	504	371	0.0057	0.0052	0.0021	0.0001	0.0021	0.0048	0.0004	0.0002	0.0000	0.0033	0.0250
347	2025	ALT2	WB	NT	Ramp	0.03	0.05	0.86	0.16	293	212	0.0028	0.0026	0.0011	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0016	0.0084
348	2025	ALT2	WB	NT	Ramp	0.29	0.38	7.31	1.59	2541	1880	0.0292	0.0270	0.0086	0.0004	0.0080	0.0185	0.0017	0.0008	0.0002	0.0207	0.0939
349	2025	ALT2	WB	NT	Ramp	0.06	0.09	1.65	0.29	546	393	0.0050	0.0046	0.0019	0.0001	0.0013	0.0032	0.0004	0.0002	0.0000	0.0028	0.0141
350	2025	ALT2	WB	NT	Ramp	0.08	0.11	2.40	0.34	702	493	0.0051	0.0047	0.0024	0.0001	0.0011	0.0030	0.0005	0.0003	0.0000	0.0022	0.0096
351	2025	ALT2	WB	NT	Ramp	0.06	0.08	0.90	0.31	430	331	0.0062	0.0057	0.0017	0.0001	0.0026	0.0057	0.0003	0.0001	0.0000	0.0046	0.0334
352	2025	ALT2	WB	NT	Ramp	0.05	0.07	1.01	0.19	388	280	0.0039	0.0036	0.0015	0.0001	0.0011	0.0027	0.0003	0.0002	0.0000	0.0020	0.0123
353	2025	ALT2	WB	NT	Ramp	0.07	0.10	2.09	0.30	644	452	0.0048	0.0045	0.0023	0.0001	0.0010	0.0029	0.0005	0.0003	0.0000	0.0020	0.0097
354	2025	ALT2	WB	NT	Ramp	0.23	0.31	4.32	0.90	1727	1257	0.0184	0.0170	0.0070	0.0003	0.0060	0.0142	0.0014	0.0008	0.0001	0.0100	0.0707
355	2025	ALT2	WB	NT	Ramp	0.05	0.07	1.45	0.21	464	327	0.0037	0.0034	0.0017	0.0001	0.0008	0.0022	0.0004	0.0002	0.0000	0.0015	0.0079
356	2025	ALT2	WB	NT	Ramp	0.07	0.10	1.43	0.26	548	392	0.0053	0.0049	0.0022	0.0001	0.0015	0.0038	0.0005	0.0003	0.0000	0.0024	0.0170
357	2025	ALT2	WB	NT	Ramp	0.17	0.23	3.44	0.51	1270	892	0.0107	0.0099	0.0052	0.0003	0.0026	0.0071	0.0011	0.0006	0.0001	0.0036	0.0263
358	2025	ALT2	WB	NT	Ramp	0.06	0.09	1.61	0.25	539	381	0.0045	0.0041	0.0020	0.0001	0.0010	0.0028	0.0004	0.0002	0.0000	0.0019	0.0104
359	2025	ALT2	WB	NT	Ramp	0.12	0.17	2.37	0.38	900	636	0.0080	0.0074	0.0037	0.0002	0.0022	0.0057	0.0008	0.0004	0.0001	0.0030	0.0237
360	2025	ALT2	WB	NT	Ramp	0.04	0.05	0.99	0.16	331	236	0.0029	0.0027	0.0012	0.0001	0.0007	0.0019	0.0003	0.0001	0.0000	0.0015	0.0077
361	2025	ALT2	WB	NT	Ramp	0.07	0.10	1.36	0.23	525	374	0.0049	0.0045	0.0022	0.0001	0.0015	0.0037	0.0005	0.0003	0.0000	0.0020	0.0162
362	2025	ALT2	WB	NT	Ramp	0.04	0.05	1.04	0.18	346	249	0.0032	0.0030	0.0012	0.0001	0.0008	0.0021	0.0003	0.0001	0.0000	0.0018	0.0090
363	2025	ALT2	WB	NT	Ramp	0.13	0.18	2.75	0.42	1017	716	0.0088	0.0081	0.0041	0.0002	0.0022	0.0059	0.0009	0.0005	0.0001	0.0031	0.0228
364	2025	ALT2	WB	NT	HOV																	
365	2025	ALT2	WB	NT	HOV																	
366	2025	ALT2	WB	NT	HOV	0.15	0.19	3.43	0.43	1077	733	0.0045	0.0042	0.0046	0.0002	0.0009	0.0035	0.0010	0.0004	0.0001	0.0006	0.0009
367	2025	ALT2	WB	NT	HOV	0.28	0.36	6.66	0.84	2092	1425	0.0088	0.0082	0.0089	0.0005	0.0017	0.0067	0.0020	0.0007	0.0001	0.0011	0.0017
368	2025	ALT2	WB	NT	HOV	0.18	0.23	4.25	0.54	1334	909	0.0056	0.0052	0.0057	0.0003	0.0011	0.0043	0.0013	0.0004	0.0001	0.0007	0.0011
369	2025	ALT2	WB	NT	HOV	0.15	0.19	3.52	0.44	1106	753	0.0047	0.0043	0.0047	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0009
370	2025	ALT2	WB	NT	HOV	0.14	0.18	3.43	0.43	1075	732	0.0045	0.0042	0.0045	0.0002	0.0009	0.0034	0.0010	0.0004	0.0001	0.0005	0.0009
371	2025	ALT2	WB	NT	HOV	0.14	0.18	3.25	0.41	1019	694	0.0043	0.0040	0.0043	0.0002	0.0008	0.0033	0.0010	0.0003	0.0000	0.0005	0.0008
372	2025	ALT2	WB	NT	HOV	0.14	0.18	3.39	0.43	1061	723	0.0045	0.0041	0.0045	0.0002	0.0009	0.0034	0.0010	0.0003	0.0001	0.0005	0.0009
373	2025	ALT2	WB	NT	HOV	0.07	0.08	1.56	0.20	488	333	0.0021	0.0019	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
374	2025	ALT2	WB	NT	HOV	0.10	0.13	2.41	0.30	755	514	0.0032	0.0029	0.0032	0.0002	0.0006	0.0024	0.0007	0.0002	0.0000	0.0004	0.0006
375	2025	ALT2	WB	NT	HOV	0.07	0.08	1.58	0.20	494	337	0.0021	0.0019	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0004
376	2025	ALT2	WB	NT	HOV	0.30	0.38	7.08	0.89	2217	1510	0.0093	0.0087	0.0093	0.0005	0.0018	0.0071	0.0021	0.0007	0.0001	0.0011	0.0018
377	2025	ALT2	WB	NT	HOV	0.10	0.13	2.36	0.30	739	504	0.0031	0.0029	0.0031	0.0002	0.0006	0.0024	0.0007	0.0002	0.0000	0.0004	0.0006

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
378	2025	ALT2	WB	NT	HOV	0.05	0.06	1.10	0.14	345	235	0.0015	0.0013	0.0015	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
379	2025	ALT2	WB	NT	HOV	0.18	0.22	4.32	0.55	1333	908	0.0056	0.0052	0.0055	0.0003	0.0011	0.0042	0.0013	0.0004	0.0001	0.0007	0.0011
380	2025	ALT2	WB	NT	HOV	0.09	0.12	2.24	0.28	690	470	0.0029	0.0027	0.0028	0.0002	0.0006	0.0022	0.0007	0.0002	0.0000	0.0004	0.0006
381	2025	ALT2	WB	NT	HOV	0.11	0.13	2.59	0.33	797	543	0.0034	0.0031	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
382	2025	ALT2	WB	NT	HOV	0.10	0.12	2.40	0.30	741	505	0.0031	0.0029	0.0031	0.0002	0.0006	0.0023	0.0007	0.0002	0.0000	0.0004	0.0006
383	2025	ALT2	WB	NT	HOV	0.15	0.19	3.73	0.47	1149	783	0.0048	0.0045	0.0047	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0010
384	2025	ALT2	WB	NT	HOV	0.05	0.07	1.30	0.16	400	272	0.0017	0.0016	0.0016	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0003
385	2025	ALT2	WB	NT	HOV	0.13	0.17	3.22	0.41	994	677	0.0042	0.0039	0.0041	0.0002	0.0008	0.0031	0.0009	0.0003	0.0000	0.0005	0.0008
386	2025	ALT2	WB	NT	HOV	0.13	0.17	3.27	0.41	1010	688	0.0043	0.0039	0.0042	0.0002	0.0008	0.0032	0.0010	0.0003	0.0000	0.0005	0.0009
387	2025	ALT2	WB	NT	HOV	0.33	0.42	8.16	1.03	2518	1715	0.0106	0.0098	0.0104	0.0006	0.0020	0.0079	0.0024	0.0008	0.0001	0.0013	0.0021
388	2025	ALT2	WB	NT	HOV	0.10	0.13	2.43	0.31	750	511	0.0032	0.0029	0.0031	0.0002	0.0006	0.0024	0.0007	0.0002	0.0000	0.0004	0.0006
389	2025	ALT2	WB	NT	HOV	0.09	0.11	2.13	0.27	656	446	0.0028	0.0026	0.0027	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0003	0.0006
390	2025	ALT2	WB	NT	HOV	0.08	0.10	1.86	0.24	580	395	0.0024	0.0023	0.0024	0.0001	0.0005	0.0018	0.0006	0.0002	0.0000	0.0003	0.0005
391	2025	ALT2	WB	NT	HOV	0.15	0.19	3.60	0.46	1121	764	0.0047	0.0044	0.0047	0.0002	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0009
392	2025	ALT2	WB	NT	HOV	0.02	0.02	0.47	0.06	145	99	0.0006	0.0006	0.0006	0.0000	0.0001	0.0005	0.0001	0.0000	0.0000	0.0001	0.0001
393	2025	ALT2	WB	NT	HOV	0.26	0.33	6.24	0.79	1941	1322	0.0082	0.0076	0.0081	0.0004	0.0016	0.0062	0.0019	0.0006	0.0001	0.0010	0.0016
394	2025	ALT2	WB	NT	HOV	0.04	0.05	0.89	0.11	276	188	0.0012	0.0011	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
395	2025	ALT2	WB	NT	HOV	0.10	0.13	2.41	0.31	751	511	0.0032	0.0029	0.0031	0.0002	0.0006	0.0024	0.0007	0.0002	0.0000	0.0004	0.0006
396	2025	ALT2	WB	NT	HOV	0.17	0.22	4.19	0.53	1305	889	0.0055	0.0051	0.0054	0.0003	0.0011	0.0041	0.0013	0.0004	0.0001	0.0007	0.0011
397	2025	ALT2	WB	NT	HOV	0.10	0.13	2.46	0.31	765	521	0.0032	0.0030	0.0032	0.0002	0.0006	0.0024	0.0007	0.0002	0.0000	0.0004	0.0006
398	2025	ALT2	WB	NT	HOV	0.07	0.09	1.71	0.22	533	363	0.0022	0.0021	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
399	2025	ALT2	WB	NT	HOV	0.11	0.15	2.76	0.35	859	585	0.0036	0.0033	0.0036	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0004	0.0007
400	2025	ALT2	WB	NT	HOV	0.36	0.45	8.58	1.09	2671	1819	0.0112	0.0104	0.0111	0.0006	0.0022	0.0085	0.0026	0.0009	0.0001	0.0014	0.0022
401	2025	ALT2	WB	NT	HOV	0.14	0.18	3.39	0.43	1050	715	0.0044	0.0041	0.0043	0.0002	0.0008	0.0033	0.0010	0.0003	0.0000	0.0005	0.0009
402	2025	ALT2	WB	NT	HOV	0.24	0.30	5.77	0.73	1787	1217	0.0075	0.0070	0.0074	0.0004	0.0014	0.0056	0.0017	0.0006	0.0001	0.0009	0.0015
403	2025	ALT2	WB	NT	HOV	0.17	0.22	4.13	0.52	1280	872	0.0054	0.0050	0.0053	0.0003	0.0010	0.0040	0.0012	0.0004	0.0001	0.0007	0.0011
404	2025	ALT2	WB	NT	HOV	0.16	0.21	3.99	0.50	1234	840	0.0052	0.0048	0.0051	0.0003	0.0010	0.0039	0.0012	0.0004	0.0001	0.0006	0.0010
405	2025	ALT2	WB	NT	HOV	0.12	0.15	2.91	0.37	899	613	0.0038	0.0035	0.0037	0.0002	0.0007	0.0028	0.0009	0.0003	0.0000	0.0005	0.0008
406	2025	ALT2	WB	NT	HOV	0.18	0.22	4.29	0.54	1329	905	0.0056	0.0052	0.0055	0.0003	0.0011	0.0042	0.0013	0.0004	0.0001	0.0007	0.0011
407	2025	ALT2	WB	NT	HOV	0.11	0.14	2.60	0.33	804	547	0.0034	0.0031	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
408	2025	ALT2	WB	NT	HOV	0.19	0.24	4.61	0.58	1426	971	0.0060	0.0056	0.0059	0.0003	0.0011	0.0045	0.0014	0.0005	0.0001	0.0007	0.0012
409	2025	ALT2	WB	NT	HOV	0.13	0.16	3.12	0.39	964	657	0.0041	0.0038	0.0040	0.0002	0.0008	0.0030	0.0009	0.0003	0.0000	0.0005	0.0008
410	2025	ALT2	WB	NT	HOV	0.16	0.20	3.74	0.47	1168	795	0.0049	0.0046	0.0049	0.0003	0.0010	0.0037	0.0011	0.0004	0.0001	0.0006	0.0010
411	2025	ALT2	WB	NT	HOV	0.10	0.13	2.49	0.31	777	529	0.0033	0.0030	0.0033	0.0002	0.0006	0.0025	0.0007	0.0003	0.0000	0.0004	0.0006
412	2025	ALT2	WB	NT	HOV	0.50	0.64	12.02	1.52	3754	2557	0.0158	0.0146	0.0157	0.0008	0.0031	0.0120	0.0036	0.0012	0.0002	0.0019	0.0031
413	2025	ALT2	WB	NT	HOV	0.19	0.25	4.62	0.58	1443	983	0.0061	0.0056	0.0061	0.0003	0.0012	0.0046	0.0014	0.0005	0.0001	0.0007	0.0012
414	2025	ALT2	WB	NT	HOV	0.10	0.13	2.47	0.31	771	525	0.0032	0.0030	0.0032	0.0002	0.0006	0.0025	0.0007	0.0003	0.0000	0.0004	0.0006
415	2025	ALT2	WB	NT	HOV	0.05	0.07	1.26	0.16	394	268	0.0017	0.0015	0.0017	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0003
416	2025	ALT2	WB	NT	HOV	0.23	0.29	5.38	0.68	1680	1144	0.0071	0.0066	0.0070	0.0004	0.0014	0.0054	0.0016	0.0005	0.0001	0.0009	0.0014
417	2025	ALT2	WB	NT	HOV	0.05	0.07	1.26	0.16	394	268	0.0017	0.0015	0.0017	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0003
418	2025	ALT2	WB	NT	HOV	0.01	0.01	0.20	0.02	61	42	0.0003	0.0002	0.0003	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
419	2025	ALT2	WB	NT	HOV	0.12	0.15	2.75	0.35	860	586	0.0036	0.0034	0.0036	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0004	0.0007
420	2025	ALT2	WB	NT	HOV	0.18	0.24	4.46	0.56	1388	946	0.0058	0.0054	0.0058	0.0003	0.0011	0.0044	0.0013	0.0005	0.0001	0.0007	0.0012
421	2025	ALT2	WB	NT	HOV	0.21	0.27	5.02	0.63	1561	1063	0.0066	0.0061	0.0065	0.0003	0.0013	0.0049	0.0015	0.0005	0.0001	0.0008	0.0013
422	2025	ALT2	WB	NT	HOV	0.21	0.27	5.16	0.65	1606	1094	0.0068	0.0063	0.0067	0.0004	0.0013	0.0051	0.0015	0.0005	0.0001	0.0008	0.0013
423	2025	ALT2	WB	NT	HOV	0.20	0.26	4.89	0.62	1520	1035	0.0064	0.0059	0.0063	0.0003	0.0012	0.0048	0.0015	0.0005	0.0001	0.0008	0.0013
424	2025	ALT2	WB	NT	HOV	0.15	0.20	3.73	0.47	1160	790	0.0049	0.0045	0.0048	0.0003	0.0009	0.0037	0.0011	0.0004	0.0001	0.0006	0.0010
425	2025	ALT2	WB	NT	HOV	0.46	0.59	11.19	1.42	3480	2370	0.0146	0.0136	0.0145	0.0008	0.0028	0.0110	0.0033	0.0011	0.0002	0.0018	0.0029

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
426	2025	ALT2	WB	NT	HOV	0.11	0.14	2.74	0.35	851	580	0.0036	0.0033	0.0035	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0004	0.0007
427	2025	ALT2	WB	NT	HOV	0.16	0.20	3.87	0.49	1204	820	0.0051	0.0047	0.0050	0.0003	0.0010	0.0038	0.0012	0.0004	0.0001	0.0006	0.0010
428	2025	ALT2	WB	NT	HOV	0.14	0.18	3.40	0.43	1059	721	0.0045	0.0041	0.0044	0.0002	0.0009	0.0034	0.0010	0.0003	0.0000	0.0005	0.0009
429	2025	ALT2	WB	NT	HOV	0.27	0.34	6.51	0.82	2024	1379	0.0085	0.0079	0.0084	0.0005	0.0016	0.0064	0.0019	0.0007	0.0001	0.0010	0.0017
430	2025	ALT2	WB	NT	HOV	0.13	0.17	3.07	0.39	974	663	0.0041	0.0038	0.0042	0.0002	0.0008	0.0032	0.0010	0.0003	0.0000	0.0005	0.0008
431	2025	ALT2	WB	NT	HOV	0.09	0.11	2.04	0.26	649	442	0.0027	0.0025	0.0028	0.0001	0.0005	0.0021	0.0006	0.0002	0.0000	0.0003	0.0005
432	2025	ALT2	WB	NT	HOV	0.09	0.11	1.95	0.25	619	422	0.0026	0.0024	0.0027	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0005
433	2025	ALT2	WB	NT	HOV	0.23	0.30	5.92	0.75	1797	1224	0.0076	0.0070	0.0073	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0015
434	2025	ALT2	WB	NT	HOV	0.27	0.35	6.98	0.88	2116	1441	0.0089	0.0083	0.0086	0.0005	0.0017	0.0065	0.0020	0.0007	0.0001	0.0011	0.0018
435	2025	ALT2	WB	NT	HOV	0.21	0.27	5.38	0.68	1633	1112	0.0069	0.0064	0.0066	0.0004	0.0013	0.0050	0.0015	0.0005	0.0001	0.0008	0.0014
436	2025	ALT2	WB	NT	HOV	0.18	0.23	4.53	0.57	1373	935	0.0058	0.0054	0.0056	0.0003	0.0011	0.0042	0.0013	0.0004	0.0001	0.0007	0.0012
437	2025	ALT2	WB	NT	HOV	0.16	0.21	4.18	0.53	1268	864	0.0053	0.0050	0.0051	0.0003	0.0010	0.0039	0.0012	0.0004	0.0001	0.0006	0.0011
1	2025	ALT3	EB	AM	Mainline	0.60	0.77	15.08	3.05	5184	3753	0.0646	0.0595	0.0182	0.0009	0.0102	0.0264	0.0039	0.0014	0.0004	0.0489	0.0994
2	2025	ALT3	EB	AM	Mainline	1.54	1.96	36.95	7.73	13040	9463	0.1723	0.1588	0.0465	0.0022	0.0259	0.0673	0.0100	0.0036	0.0010	0.1334	0.2519
3	2025	ALT3	EB	AM	Mainline	0.08	0.10	1.75	0.36	623	451	0.0082	0.0075	0.0023	0.0001	0.0012	0.0031	0.0005	0.0002	0.0000	0.0063	0.0110
4	2025	ALT3	EB	AM	Mainline	1.29	1.64	30.63	6.48	10892	7912	0.1467	0.1352	0.0389	0.0019	0.0218	0.0566	0.0084	0.0030	0.0009	0.1144	0.2125
5	2025	ALT3	EB	AM	Mainline	0.54	0.68	12.34	2.55	4414	3191	0.0583	0.0538	0.0162	0.0008	0.0084	0.0222	0.0035	0.0012	0.0004	0.0450	0.0779
6	2025	ALT3	EB	AM	Mainline	0.78	0.99	18.34	3.89	6563	4767	0.0894	0.0823	0.0236	0.0011	0.0131	0.0341	0.0051	0.0018	0.0005	0.0699	0.1269
7	2025	ALT3	EB	AM	Mainline	1.14	1.44	28.42	5.77	9766	7077	0.1222	0.1126	0.0342	0.0016	0.0194	0.0502	0.0073	0.0027	0.0008	0.0927	0.1908
8	2025	ALT3	EB	AM	Mainline	1.46	1.84	34.35	7.31	12257	8910	0.1668	0.1538	0.0438	0.0021	0.0247	0.0640	0.0094	0.0034	0.0010	0.1306	0.2414
9	2025	ALT3	EB	AM	Mainline	1.20	1.53	29.76	6.10	10299	7466	0.1308	0.1206	0.0362	0.0017	0.0204	0.0530	0.0078	0.0028	0.0008	0.0999	0.2007
10	2025	ALT3	EB	AM	Mainline	0.37	0.47	8.64	1.86	3123	2272	0.0436	0.0402	0.0113	0.0005	0.0063	0.0163	0.0024	0.0009	0.0003	0.0345	0.0612
11	2025	ALT3	EB	AM	Mainline	0.77	0.98	19.13	3.87	6586	4766	0.0819	0.0755	0.0232	0.0011	0.0128	0.0334	0.0050	0.0018	0.0005	0.0620	0.1243
12	2025	ALT3	EB	AM	Mainline	0.55	0.70	13.18	2.69	4619	3340	0.0590	0.0543	0.0167	0.0008	0.0088	0.0233	0.0036	0.0013	0.0004	0.0450	0.0837
13	2025	ALT3	EB	AM	Mainline	0.55	0.69	12.25	2.40	4359	3126	0.0537	0.0495	0.0166	0.0008	0.0075	0.0208	0.0037	0.0012	0.0003	0.0402	0.0651
14	2025	ALT3	EB	AM	Mainline	0.83	1.05	19.07	3.81	6771	4872	0.0854	0.0787	0.0253	0.0012	0.0122	0.0330	0.0055	0.0019	0.0005	0.0647	0.1091
15	2025	ALT3	EB	AM	Mainline	1.01	1.29	24.70	4.86	8502	6122	0.1024	0.0944	0.0307	0.0015	0.0156	0.0416	0.0067	0.0024	0.0006	0.0763	0.1451
16	2025	ALT3	EB	AM	Mainline	0.59	0.74	14.46	2.84	4944	3561	0.0590	0.0544	0.0177	0.0009	0.0091	0.0242	0.0038	0.0014	0.0004	0.0438	0.0853
17	2025	ALT3	EB	AM	Mainline	0.94	1.19	23.64	4.69	8041	5811	0.0972	0.0896	0.0283	0.0014	0.0155	0.0405	0.0061	0.0023	0.0006	0.0726	0.1507
18	2025	ALT3	EB	AM	Mainline	0.81	1.03	20.01	3.86	6821	4900	0.0795	0.0733	0.0246	0.0012	0.0122	0.0328	0.0054	0.0019	0.0005	0.0583	0.1121
19	2025	ALT3	EB	AM	Mainline	0.64	0.81	14.79	2.89	5187	3724	0.0630	0.0580	0.0193	0.0010	0.0091	0.0249	0.0042	0.0015	0.0004	0.0469	0.0808
20	2025	ALT3	EB	AM	Mainline	1.29	1.63	29.94	5.98	10550	7596	0.1320	0.1217	0.0390	0.0019	0.0192	0.0516	0.0085	0.0030	0.0008	0.0997	0.1742
21	2025	ALT3	EB	AM	Mainline	0.14	0.18	3.16	0.64	1134	816	0.0146	0.0135	0.0043	0.0002	0.0020	0.0056	0.0009	0.0003	0.0001	0.0112	0.0184
22	2025	ALT3	EB	AM	Mainline	0.53	0.68	12.06	2.35	4276	3065	0.0521	0.0480	0.0163	0.0008	0.0074	0.0203	0.0036	0.0012	0.0003	0.0388	0.0634
23	2025	ALT3	EB	AM	Mainline	0.53	0.67	11.91	2.38	4252	3057	0.0538	0.0496	0.0160	0.0008	0.0076	0.0206	0.0035	0.0012	0.0003	0.0407	0.0668
24	2025	ALT3	EB	AM	Mainline	0.44	0.56	10.60	2.02	3645	2611	0.0422	0.0389	0.0135	0.0007	0.0063	0.0172	0.0029	0.0010	0.0003	0.0308	0.0558
25	2025	ALT3	EB	AM	Mainline	0.32	0.40	7.23	1.38	2530	1809	0.0295	0.0272	0.0096	0.0005	0.0042	0.0118	0.0021	0.0007	0.0002	0.0216	0.0359
26	2025	ALT3	EB	AM	Mainline	2.79	3.52	61.40	11.55	21712	15483	0.2511	0.2315	0.0850	0.0043	0.0354	0.1005	0.0188	0.0063	0.0016	0.1821	0.2871
27	2025	ALT3	EB	AM	Mainline	2.16	2.72	46.22	8.75	16544	11798	0.1950	0.1798	0.0660	0.0033	0.0271	0.0772	0.0146	0.0048	0.0013	0.1423	0.2162
28	2025	ALT3	EB	AM	Mainline	1.21	1.52	26.15	4.87	9280	6607	0.1062	0.0979	0.0369	0.0019	0.0149	0.0427	0.0082	0.0027	0.0007	0.0765	0.1176
29	2025	ALT3	EB	AM	Mainline	0.84	1.05	17.97	3.28	6355	4512	0.0701	0.0647	0.0256	0.0013	0.0099	0.0288	0.0057	0.0019	0.0005	0.0496	0.0754
30	2025	ALT3	EB	AM	Mainline	1.36	1.71	29.95	5.46	10498	7457	0.1149	0.1060	0.0415	0.0021	0.0164	0.0474	0.0092	0.0031	0.0008	0.0811	0.1273
31	2025	ALT3	EB	AM	Mainline	1.07	1.35	23.03	4.15	8108	5749	0.0875	0.0807	0.0327	0.0017	0.0124	0.0364	0.0073	0.0024	0.0006	0.0612	0.0933
32	2025	ALT3	EB	AM	Mainline	1.15	1.45	25.39	4.63	8898	6320	0.0974	0.0898	0.0352	0.0018	0.0139	0.0401	0.0078	0.0026	0.0006	0.0687	0.1079
33	2025	ALT3	EB	AM	Mainline	1.07	1.36	24.42	4.35	8422	5969	0.0878	0.0810	0.0329	0.0017	0.0128	0.0371	0.0073	0.0025	0.0006	0.0605	0.0980
34	2025	ALT3	EB	AM	Mainline	1.20	1.52	27.47	4.99	9499	6750	0.1024	0.0945	0.0367	0.0018	0.0148	0.0425	0.0081	0.0028	0.0007	0.0720	0.1180
35	2025	ALT3	EB	AM	Mainline	0.69	0.87	15.57	2.73	5361	3791	0.0544	0.0502	0.0211	0.0011	0.0079	0.0234	0.0047	0.0016	0.0004	0.0369	0.0591
36	2025	ALT3	EB	AM	Mainline	0.83	1.05	18.80	3.29	6463	4570	0.0652	0.0602	0.0255	0.0013	0.0095	0.0281	0.0057	0.0019	0.0004	0.0441	0.0708

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
37	2025	ALT3	EB	AM	Mainline	1.12	1.42	25.33	4.43	8705	6155	0.0879	0.0811	0.0343	0.0017	0.0129	0.0378	0.0076	0.0026	0.0006	0.0594	0.0954
38	2025	ALT3	EB	AM	Mainline	1.62	2.06	37.64	6.59	12836	9082	0.1292	0.1192	0.0498	0.0025	0.0191	0.0557	0.0111	0.0038	0.0009	0.0874	0.1445
39	2025	ALT3	EB	AM	Mainline	1.78	2.26	40.51	6.94	13832	9756	0.1340	0.1237	0.0548	0.0028	0.0198	0.0590	0.0122	0.0041	0.0009	0.0884	0.1420
40	2025	ALT3	EB	AM	Mainline	1.22	1.54	27.03	4.67	9326	6581	0.0924	0.0852	0.0374	0.0019	0.0135	0.0403	0.0084	0.0028	0.0006	0.0616	0.0964
41	2025	ALT3	EB	AM	Mainline	0.45	0.58	10.40	1.76	3534	2490	0.0335	0.0309	0.0140	0.0007	0.0050	0.0149	0.0031	0.0011	0.0002	0.0218	0.0353
42	2025	ALT3	EB	AM	Mainline	1.36	1.72	32.24	5.48	10785	7608	0.1019	0.0940	0.0416	0.0021	0.0154	0.0456	0.0093	0.0032	0.0007	0.0663	0.1141
43	2025	ALT3	EB	AM	Mainline	0.56	0.71	13.56	2.27	4479	3156	0.0411	0.0379	0.0171	0.0009	0.0063	0.0187	0.0038	0.0013	0.0003	0.0262	0.0466
44	2025	ALT3	EB	AM	Mainline	0.84	1.07	20.08	3.40	6711	4732	0.0630	0.0581	0.0259	0.0013	0.0095	0.0283	0.0058	0.0020	0.0004	0.0408	0.0700
45	2025	ALT3	EB	AM	Mainline	0.38	0.48	9.08	1.53	3016	2126	0.0279	0.0258	0.0116	0.0006	0.0043	0.0126	0.0026	0.0009	0.0002	0.0180	0.0314
46	2025	ALT3	EB	AM	Mainline	1.07	1.36	25.37	4.28	8489	5982	0.0792	0.0731	0.0329	0.0017	0.0120	0.0356	0.0073	0.0025	0.0006	0.0511	0.0871
47	2025	ALT3	EB	AM	Mainline	0.06	0.08	1.42	0.24	482	339	0.0045	0.0041	0.0019	0.0001	0.0007	0.0020	0.0004	0.0001	0.0000	0.0029	0.0046
48	2025	ALT3	EB	AM	Mainline	1.31	1.66	29.49	4.98	10060	7081	0.0949	0.0875	0.0403	0.0021	0.0141	0.0425	0.0090	0.0030	0.0007	0.0614	0.0974
49	2025	ALT3	EB	AM	Mainline	0.10	0.13	2.44	0.41	822	579	0.0076	0.0070	0.0032	0.0002	0.0011	0.0034	0.0007	0.0002	0.0001	0.0049	0.0080
50	2025	ALT3	EB	AM	Mainline	1.62	2.06	37.63	6.36	12702	8948	0.1193	0.1101	0.0497	0.0025	0.0178	0.0533	0.0111	0.0038	0.0008	0.0773	0.1272
51	2025	ALT3	EB	AM	Mainline	0.27	0.34	6.47	1.09	2141	1509	0.0198	0.0182	0.0082	0.0004	0.0030	0.0090	0.0018	0.0006	0.0001	0.0127	0.0224
52	2025	ALT3	EB	AM	Mainline	0.38	0.48	9.13	1.53	3017	2126	0.0278	0.0256	0.0115	0.0006	0.0043	0.0126	0.0026	0.0009	0.0002	0.0178	0.0316
53	2025	ALT3	EB	AM	Mainline	0.28	0.35	6.83	1.17	2246	1588	0.0213	0.0197	0.0084	0.0004	0.0033	0.0096	0.0019	0.0007	0.0002	0.0139	0.0258
54	2025	ALT3	EB	AM	Mainline	1.39	1.78	36.24	6.18	11663	8262	0.1099	0.1014	0.0424	0.0021	0.0177	0.0503	0.0094	0.0035	0.0008	0.0715	0.1466
55	2025	ALT3	EB	AM	Mainline	0.70	0.89	16.96	2.92	5640	3988	0.0544	0.0502	0.0214	0.0011	0.0083	0.0242	0.0047	0.0017	0.0004	0.0359	0.0645
56	2025	ALT3	EB	AM	Mainline	0.83	1.06	20.44	3.65	6837	4858	0.0702	0.0647	0.0255	0.0013	0.0107	0.0304	0.0056	0.0020	0.0005	0.0481	0.0887
57	2025	ALT3	EB	AM	Mainline	0.51	0.65	11.10	1.99	3893	2758	0.0413	0.0381	0.0157	0.0008	0.0059	0.0173	0.0035	0.0012	0.0003	0.0286	0.0440
58	2025	ALT3	EB	AM	Mainline	1.65	2.08	36.18	6.62	12724	9041	0.1405	0.1295	0.0505	0.0025	0.0200	0.0576	0.0112	0.0037	0.0009	0.0995	0.1550
59	2025	ALT3	EB	AM	Mainline	0.42	0.53	9.04	1.64	3195	2267	0.0349	0.0322	0.0129	0.0007	0.0049	0.0144	0.0029	0.0009	0.0002	0.0246	0.0372
60	2025	ALT3	EB	AM	Mainline	1.65	2.08	35.57	6.63	12635	8995	0.1446	0.1334	0.0503	0.0025	0.0203	0.0582	0.0112	0.0037	0.0009	0.1042	0.1599
61	2025	ALT3	EB	AM	Mainline	0.40	0.50	8.56	1.53	3016	2136	0.0322	0.0297	0.0122	0.0006	0.0046	0.0135	0.0027	0.0009	0.0002	0.0224	0.0339
62	2025	ALT3	EB	AM	Mainline	0.79	0.99	16.64	3.07	5937	4219	0.0670	0.0618	0.0241	0.0012	0.0094	0.0272	0.0054	0.0018	0.0004	0.0478	0.0711
63	2025	ALT3	EB	AM	Mainline	0.29	0.37	6.24	1.18	2239	1595	0.0262	0.0242	0.0090	0.0005	0.0036	0.0104	0.0020	0.0007	0.0002	0.0191	0.0286
64	2025	ALT3	EB	AM	Mainline	0.86	1.08	18.32	3.60	6637	4754	0.0833	0.0767	0.0262	0.0013	0.0114	0.0319	0.0058	0.0019	0.0005	0.0625	0.0948
65	2025	ALT3	EB	AM	Mainline	0.27	0.35	5.86	1.14	2116	1515	0.0263	0.0242	0.0084	0.0004	0.0036	0.0101	0.0018	0.0006	0.0002	0.0196	0.0299
66	2025	ALT3	EB	AM	Mainline	0.10	0.12	2.09	0.45	776	562	0.0111	0.0103	0.0030	0.0001	0.0015	0.0040	0.0006	0.0002	0.0001	0.0088	0.0136
67	2025	ALT3	EB	AM	Mainline	0.68	0.85	14.33	3.34	5480	4012	0.0879	0.0810	0.0204	0.0010	0.0115	0.0299	0.0044	0.0015	0.0005	0.0723	0.1122
68	2025	ALT3	EB	AM	Mainline	0.49	0.61	10.35	2.37	3924	2867	0.0614	0.0566	0.0146	0.0007	0.0081	0.0211	0.0032	0.0011	0.0004	0.0501	0.0784
69	2025	ALT3	EB	AM	Mainline	1.12	1.40	23.09	5.73	9073	6691	0.1586	0.1461	0.0336	0.0016	0.0203	0.0516	0.0072	0.0024	0.0009	0.1335	0.2034
70	2025	ALT3	EB	AM	Mainline	0.68	0.86	13.84	3.39	5442	4003	0.0942	0.0868	0.0205	0.0010	0.0119	0.0306	0.0044	0.0014	0.0005	0.0789	0.1168
71	2025	ALT3	EB	AM	Mainline	0.95	1.19	19.22	4.70	7552	5554	0.1305	0.1202	0.0285	0.0014	0.0165	0.0423	0.0061	0.0020	0.0007	0.1092	0.1614
72	2025	ALT3	EB	AM	Mainline	0.92	1.16	18.67	4.43	7270	5325	0.1211	0.1116	0.0278	0.0013	0.0153	0.0399	0.0060	0.0020	0.0007	0.1003	0.1470
73	2025	ALT3	EB	AM	Ramp	0.06	0.08	1.32	0.16	467	322	0.0035	0.0032	0.0019	0.0001	0.0006	0.0019	0.0004	0.0002	0.0000	0.0007	0.0045
74	2025	ALT3	EB	AM	Ramp	0.06	0.08	1.00	0.14	404	282	0.0035	0.0032	0.0018	0.0001	0.0010	0.0026	0.0004	0.0002	0.0000	0.0009	0.0099
75	2025	ALT3	EB	AM	Ramp	0.08	0.11	1.30	0.18	540	374	0.0046	0.0043	0.0025	0.0001	0.0012	0.0032	0.0005	0.0003	0.0001	0.0009	0.0116
76	2025	ALT3	EB	AM	Ramp	0.11	0.15	1.70	0.24	712	494	0.0062	0.0057	0.0033	0.0002	0.0016	0.0045	0.0007	0.0004	0.0001	0.0013	0.0164
77	2025	ALT3	EB	AM	Ramp	0.09	0.13	1.55	0.21	625	433	0.0052	0.0048	0.0028	0.0001	0.0012	0.0034	0.0006	0.0004	0.0001	0.0010	0.0114
78	2025	ALT3	EB	AM	Ramp	0.11	0.15	1.43	0.21	674	467	0.0063	0.0059	0.0034	0.0002	0.0018	0.0048	0.0007	0.0005	0.0001	0.0011	0.0188
79	2025	ALT3	EB	AM	Ramp	0.14	0.19	1.82	0.26	859	594	0.0080	0.0074	0.0043	0.0002	0.0021	0.0057	0.0009	0.0006	0.0001	0.0012	0.0207
80	2025	ALT3	EB	AM	Ramp	0.20	0.29	3.31	0.44	1394	963	0.0119	0.0111	0.0065	0.0003	0.0027	0.0078	0.0014	0.0009	0.0001	0.0020	0.0251
81	2025	ALT3	EB	AM	Ramp	0.15	0.21	3.80	0.52	1254	875	0.0095	0.0088	0.0047	0.0002	0.0019	0.0055	0.0010	0.0006	0.0001	0.0031	0.0166
82	2025	ALT3	EB	AM	Ramp	0.17	0.24	3.39	0.41	1277	878	0.0098	0.0090	0.0054	0.0003	0.0017	0.0055	0.0012	0.0007	0.0001	0.0015	0.0130
83	2025	ALT3	EB	AM	Ramp	0.02	0.03	0.63	0.11	210	151	0.0019	0.0018	0.0008	0.0000	0.0005	0.0012	0.0002	0.0001	0.0000	0.0010	0.0054
84	2025	ALT3	EB	AM	Ramp	0.05	0.07	1.37	0.16	410	283	0.0026	0.0024	0.0015	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0006	0.0028

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
85	2025	ALT3	EB	AM	Ramp	0.08	0.11	2.43	0.34	729	512	0.0054	0.0050	0.0026	0.0001	0.0011	0.0032	0.0006	0.0003	0.0000	0.0022	0.0105
86	2025	ALT3	EB	AM	Ramp	0.11	0.16	2.62	0.42	920	653	0.0081	0.0074	0.0035	0.0002	0.0019	0.0050	0.0007	0.0004	0.0001	0.0035	0.0196
87	2025	ALT3	EB	AM	Ramp	0.03	0.04	0.61	0.10	232	164	0.0021	0.0019	0.0010	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0008	0.0062
88	2025	ALT3	EB	AM	Ramp	0.07	0.10	1.68	0.24	580	407	0.0047	0.0044	0.0022	0.0001	0.0010	0.0028	0.0005	0.0003	0.0000	0.0017	0.0094
89	2025	ALT3	EB	AM	Ramp	0.03	0.04	0.51	0.07	193	135	0.0016	0.0015	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0004	0.0039
90	2025	ALT3	EB	AM	Ramp	0.02	0.03	0.37	0.11	169	129	0.0023	0.0021	0.0007	0.0000	0.0009	0.0021	0.0001	0.0001	0.0000	0.0016	0.0118
91	2025	ALT3	EB	AM	Ramp	0.11	0.16	2.50	0.37	899	632	0.0076	0.0070	0.0036	0.0002	0.0017	0.0047	0.0008	0.0004	0.0001	0.0026	0.0166
92	2025	ALT3	EB	AM	Ramp	0.05	0.07	0.80	0.18	340	249	0.0038	0.0035	0.0015	0.0001	0.0016	0.0037	0.0003	0.0002	0.0000	0.0021	0.0201
93	2025	ALT3	EB	AM	Ramp	0.60	0.79	14.84	3.11	5155	3795	0.0565	0.0521	0.0177	0.0008	0.0158	0.0370	0.0035	0.0017	0.0004	0.0381	0.1844
94	2025	ALT3	EB	AM	Ramp	0.36	0.50	8.14	1.25	2902	2047	0.0248	0.0229	0.0113	0.0005	0.0055	0.0150	0.0024	0.0014	0.0002	0.0095	0.0543
95	2025	ALT3	EB	AM	Ramp	0.09	0.13	1.88	0.27	699	489	0.0058	0.0054	0.0029	0.0001	0.0014	0.0039	0.0006	0.0004	0.0001	0.0018	0.0140
96	2025	ALT3	EB	AM	Ramp	0.08	0.11	2.56	0.34	737	514	0.0050	0.0046	0.0026	0.0001	0.0010	0.0029	0.0006	0.0003	0.0000	0.0020	0.0083
97	2025	ALT3	EB	AM	Ramp	0.04	0.06	1.07	0.21	374	272	0.0037	0.0035	0.0013	0.0001	0.0010	0.0025	0.0003	0.0001	0.0000	0.0022	0.0117
98	2025	ALT3	EB	AM	Ramp	0.02	0.03	0.59	0.12	207	152	0.0022	0.0021	0.0007	0.0000	0.0006	0.0015	0.0001	0.0001	0.0000	0.0015	0.0075
99	2025	ALT3	EB	AM	Ramp	0.07	0.10	1.96	0.34	637	457	0.0058	0.0054	0.0022	0.0001	0.0015	0.0037	0.0005	0.0002	0.0000	0.0032	0.0160
100	2025	ALT3	EB	AM	Ramp	0.10	0.14	2.80	0.39	864	604	0.0063	0.0058	0.0031	0.0002	0.0013	0.0037	0.0007	0.0004	0.0001	0.0023	0.0117
101	2025	ALT3	EB	AM	Ramp	0.04	0.05	1.00	0.16	310	222	0.0027	0.0025	0.0011	0.0001	0.0006	0.0016	0.0002	0.0001	0.0000	0.0015	0.0066
102	2025	ALT3	EB	AM	Ramp	0.04	0.06	1.30	0.17	390	272	0.0027	0.0025	0.0014	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0010	0.0046
103	2025	ALT3	EB	AM	Ramp	0.02	0.02	0.53	0.07	155	108	0.0011	0.0010	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0018
104	2025	ALT3	EB	AM	Ramp	0.10	0.14	2.16	0.26	765	527	0.0057	0.0052	0.0031	0.0002	0.0010	0.0031	0.0007	0.0004	0.0001	0.0010	0.0070
105	2025	ALT3	EB	AM	Ramp	0.06	0.08	1.44	0.20	479	335	0.0037	0.0034	0.0018	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0012	0.0066
106	2025	ALT3	EB	AM	Ramp	0.03	0.04	0.38	0.05	183	125	0.0017	0.0016	0.0009	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0002	0.0026
107	2025	ALT3	EB	AM	Ramp																	
108	2025	ALT3	EB	AM	Ramp																	
109	2025	ALT3	EB	AM	Ramp	0.05	0.07	1.43	0.21	461	325	0.0037	0.0034	0.0017	0.0001	0.0008	0.0023	0.0004	0.0002	0.0000	0.0016	0.0083
110	2025	ALT3	EB	AM	Ramp	0.18	0.26	3.91	0.48	1407	970	0.0106	0.0098	0.0058	0.0003	0.0019	0.0059	0.0013	0.0008	0.0001	0.0020	0.0143
111	2025	ALT3	EB	AM	Ramp	0.02	0.03	0.67	0.09	196	137	0.0014	0.0013	0.0007	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0005	0.0024
112	2025	ALT3	EB	AM	Ramp	0.13	0.18	2.71	0.34	972	671	0.0073	0.0068	0.0040	0.0002	0.0013	0.0041	0.0009	0.0005	0.0001	0.0014	0.0103
113	2025	ALT3	EB	AM	Ramp	0.04	0.06	1.09	0.15	351	245	0.0026	0.0024	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0009	0.0045
114	2025	ALT3	EB	AM	Ramp	0.10	0.14	2.03	0.24	751	516	0.0057	0.0052	0.0032	0.0002	0.0010	0.0031	0.0007	0.0004	0.0001	0.0009	0.0070
115	2025	ALT3	EB	AM	Ramp																	
116	2025	ALT3	EB	AM	Ramp	0.05	0.06	0.98	0.13	351	243	0.0027	0.0025	0.0014	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0006	0.0044
117	2025	ALT3	EB	AM	Ramp	0.04	0.05	0.97	0.14	323	226	0.0025	0.0023	0.0012	0.0001	0.0005	0.0015	0.0003	0.0001	0.0000	0.0009	0.0050
118	2025	ALT3	EB	AM	Ramp	0.03	0.05	0.78	0.10	269	185	0.0019	0.0018	0.0011	0.0001	0.0003	0.0010	0.0002	0.0001	0.0000	0.0004	0.0022
119	2025	ALT3	EB	AM	Ramp	0.06	0.08	1.49	0.18	468	324	0.0032	0.0029	0.0018	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0008	0.0038
120	2025	ALT3	EB	AM	Ramp	0.04	0.06	0.93	0.11	323	223	0.0024	0.0022	0.0013	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0005	0.0028
121	2025	ALT3	EB	AM	Ramp	0.10	0.13	2.91	0.41	858	602	0.0063	0.0058	0.0030	0.0001	0.0013	0.0037	0.0006	0.0003	0.0001	0.0028	0.0120
122	2025	ALT3	EB	AM	Ramp	0.88	1.20	22.87	3.31	7388	5194	0.0579	0.0535	0.0271	0.0013	0.0127	0.0350	0.0058	0.0031	0.0005	0.0227	0.1204
123	2025	ALT3	EB	AM	Ramp	0.37	0.50	10.76	1.57	3272	2306	0.0251	0.0232	0.0115	0.0006	0.0056	0.0152	0.0025	0.0012	0.0002	0.0113	0.0530
124	2025	ALT3	EB	AM	Ramp																	
125	2025	ALT3	EB	AM	Ramp	0.14	0.20	2.27	0.33	966	671	0.0085	0.0079	0.0045	0.0002	0.0024	0.0064	0.0010	0.0006	0.0001	0.0018	0.0247
126	2025	ALT3	EB	AM	Ramp	0.02	0.03	0.46	0.06	172	120	0.0014	0.0013	0.0007	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0031
127	2025	ALT3	EB	AM	Ramp	0.26	0.38	3.24	0.45	1632	1124	0.0157	0.0146	0.0084	0.0004	0.0038	0.0106	0.0018	0.0012	0.0002	0.0019	0.0366
128	2025	ALT3	EB	AM	Ramp	0.00	0.01	0.10	0.01	33	23	0.0002	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0003
129	2025	ALT3	EB	AM	Ramp	0.26	0.37	3.76	0.56	1676	1164	0.0153	0.0141	0.0081	0.0004	0.0043	0.0115	0.0017	0.0011	0.0002	0.0029	0.0446
130	2025	ALT3	EB	AM	Ramp	0.03	0.04	0.84	0.11	253	177	0.0018	0.0017	0.0009	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0007	0.0033
131	2025	ALT3	EB	AM	Ramp	0.28	0.40	5.04	0.68	2006	1390	0.0167	0.0154	0.0089	0.0004	0.0040	0.0112	0.0019	0.0012	0.0002	0.0035	0.0377
132	2025	ALT3	EB	AM	Ramp	0.02	0.02	0.47	0.07	145	102	0.0011	0.0010	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0022

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
133	2025	ALT3	EB	AM	Ramp	0.22	0.31	4.38	0.56	1645	1137	0.0129	0.0120	0.0070	0.0004	0.0026	0.0078	0.0015	0.0009	0.0001	0.0026	0.0226
134	2025	ALT3	EB	AM	Ramp	0.25	0.34	7.08	1.00	2167	1522	0.0162	0.0150	0.0077	0.0004	0.0035	0.0097	0.0017	0.0009	0.0001	0.0066	0.0323
135	2025	ALT3	EB	AM	Ramp	0.21	0.29	3.73	0.51	1475	1025	0.0123	0.0114	0.0065	0.0003	0.0031	0.0085	0.0014	0.0008	0.0001	0.0029	0.0305
136	2025	ALT3	EB	AM	Ramp	0.01	0.01	0.17	0.02	61	43	0.0005	0.0005	0.0002	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0002	0.0011
137	2025	ALT3	EB	AM	Ramp	0.71	0.93	15.59	3.73	5885	4390	0.0704	0.0649	0.0207	0.0008	0.0215	0.0490	0.0040	0.0019	0.0005	0.0492	0.2595
138	2025	ALT3	EB	AM	Ramp																	
139	2025	ALT3	EB	AM	Ramp	0.03	0.05	0.72	0.09	258	179	0.0020	0.0019	0.0010	0.0001	0.0004	0.0012	0.0002	0.0001	0.0000	0.0005	0.0033
140	2025	ALT3	EB	AM	Ramp	0.17	0.25	2.87	0.38	1199	828	0.0102	0.0095	0.0055	0.0003	0.0023	0.0067	0.0012	0.0007	0.0001	0.0017	0.0217
141	2025	ALT3	EB	AM	Ramp	0.01	0.01	0.32	0.04	94	65	0.0006	0.0005	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0006
142	2025	ALT3	EB	AM	Ramp	0.05	0.07	1.44	0.18	445	308	0.0030	0.0028	0.0016	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0008	0.0041
143	2025	ALT3	EB	AM	Ramp	0.03	0.04	0.90	0.11	261	180	0.0016	0.0015	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0018
144	2025	ALT3	EB	AM	HOT	0.13	0.17	3.18	0.40	992	675	0.0042	0.0039	0.0041	0.0002	0.0008	0.0032	0.0010	0.0003	0.0000	0.0005	0.0008
145	2025	ALT3	EB	AM	HOT	0.35	0.45	8.40	1.06	2618	1783	0.0110	0.0102	0.0109	0.0006	0.0021	0.0083	0.0025	0.0009	0.0001	0.0013	0.0022
146	2025	ALT3	EB	AM	HOT	0.02	0.02	0.36	0.05	113	77	0.0005	0.0004	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
147	2025	ALT3	EB	AM	HOT	0.30	0.38	7.10	0.90	2214	1508	0.0093	0.0086	0.0093	0.0005	0.0018	0.0070	0.0021	0.0007	0.0001	0.0011	0.0018
148	2025	ALT3	EB	AM	HOT	0.11	0.14	2.58	0.33	805	548	0.0034	0.0031	0.0034	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0007
149	2025	ALT3	EB	AM	HOT	0.18	0.23	4.26	0.54	1327	904	0.0056	0.0052	0.0055	0.0003	0.0011	0.0042	0.0013	0.0004	0.0001	0.0007	0.0011
150	2025	ALT3	EB	AM	HOT	0.24	0.31	5.86	0.74	1827	1245	0.0077	0.0071	0.0077	0.0004	0.0015	0.0058	0.0018	0.0006	0.0001	0.0009	0.0015
151	2025	ALT3	EB	AM	HOT	0.33	0.42	7.91	1.00	2467	1680	0.0104	0.0096	0.0103	0.0006	0.0020	0.0079	0.0024	0.0008	0.0001	0.0013	0.0021
152	2025	ALT3	EB	AM	HOT	0.26	0.33	6.27	0.79	1957	1333	0.0082	0.0076	0.0082	0.0004	0.0016	0.0062	0.0019	0.0006	0.0001	0.0010	0.0016
153	2025	ALT3	EB	AM	HOT	0.10	0.12	2.18	0.28	694	473	0.0029	0.0027	0.0030	0.0002	0.0006	0.0023	0.0007	0.0002	0.0000	0.0004	0.0006
154	2025	ALT3	EB	AM	HOT	0.18	0.23	4.17	0.53	1328	905	0.0056	0.0052	0.0057	0.0003	0.0011	0.0044	0.0013	0.0004	0.0001	0.0007	0.0011
155	2025	ALT3	EB	AM	HOT	0.14	0.17	3.10	0.39	987	672	0.0042	0.0039	0.0043	0.0002	0.0008	0.0032	0.0010	0.0003	0.0000	0.0005	0.0008
156	2025	ALT3	EB	AM	HOT	0.11	0.14	2.44	0.31	777	529	0.0033	0.0030	0.0034	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0006
157	2025	ALT3	EB	AM	HOT	0.19	0.24	4.29	0.54	1366	931	0.0058	0.0054	0.0059	0.0003	0.0012	0.0045	0.0014	0.0004	0.0001	0.0007	0.0011
158	2025	ALT3	EB	AM	HOT	0.22	0.28	4.95	0.62	1575	1072	0.0067	0.0062	0.0068	0.0004	0.0013	0.0052	0.0016	0.0005	0.0001	0.0008	0.0013
159	2025	ALT3	EB	AM	HOT	0.12	0.16	2.83	0.36	901	614	0.0038	0.0035	0.0039	0.0002	0.0008	0.0030	0.0009	0.0003	0.0000	0.0005	0.0007
160	2025	ALT3	EB	AM	HOT	0.23	0.30	5.28	0.67	1679	1144	0.0071	0.0066	0.0073	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0014
161	2025	ALT3	EB	AM	HOT	0.11	0.14	2.42	0.31	769	524	0.0033	0.0030	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0006
162	2025	ALT3	EB	AM	HOT	0.08	0.10	1.74	0.22	552	376	0.0023	0.0022	0.0024	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0004
163	2025	ALT3	EB	AM	HOT	0.18	0.23	4.11	0.52	1307	890	0.0055	0.0051	0.0056	0.0003	0.0011	0.0043	0.0013	0.0004	0.0001	0.0007	0.0011
164	2025	ALT3	EB	AM	HOT	0.02	0.02	0.41	0.05	131	89	0.0006	0.0005	0.0006	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
165	2025	ALT3	EB	AM	HOT	0.08	0.11	1.92	0.24	612	417	0.0026	0.0024	0.0026	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0005
166	2025	ALT3	EB	AM	HOT	0.10	0.13	2.38	0.30	756	515	0.0032	0.0030	0.0033	0.0002	0.0006	0.0025	0.0008	0.0002	0.0000	0.0004	0.0006
167	2025	ALT3	EB	AM	HOT	0.07	0.09	1.68	0.21	534	364	0.0023	0.0021	0.0023	0.0001	0.0004	0.0018	0.0005	0.0002	0.0000	0.0003	0.0004
168	2025	ALT3	EB	AM	HOT	0.05	0.06	1.09	0.14	347	236	0.0015	0.0014	0.0015	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
169	2025	ALT3	EB	AM	HOT	0.44	0.55	9.91	1.25	3153	2147	0.0133	0.0123	0.0136	0.0007	0.0027	0.0104	0.0031	0.0010	0.0002	0.0016	0.0026
170	2025	ALT3	EB	AM	HOT	0.31	0.40	7.16	0.90	2278	1552	0.0096	0.0089	0.0098	0.0005	0.0019	0.0075	0.0023	0.0007	0.0001	0.0012	0.0019
171	2025	ALT3	EB	AM	HOT	0.18	0.23	4.06	0.51	1299	885	0.0055	0.0051	0.0057	0.0003	0.0011	0.0043	0.0013	0.0004	0.0001	0.0007	0.0010
172	2025	ALT3	EB	AM	HOT	0.11	0.13	2.38	0.30	760	518	0.0032	0.0030	0.0033	0.0002	0.0006	0.0025	0.0008	0.0002	0.0000	0.0004	0.0006
173	2025	ALT3	EB	AM	HOT	0.19	0.24	4.22	0.53	1351	920	0.0057	0.0053	0.0059	0.0003	0.0011	0.0045	0.0014	0.0004	0.0001	0.0007	0.0011
174	2025	ALT3	EB	AM	HOT	0.13	0.17	2.99	0.38	956	651	0.0040	0.0037	0.0042	0.0002	0.0008	0.0032	0.0010	0.0003	0.0000	0.0005	0.0008
175	2025	ALT3	EB	AM	HOT	0.16	0.20	3.57	0.45	1143	778	0.0048	0.0045	0.0050	0.0003	0.0010	0.0038	0.0011	0.0004	0.0001	0.0006	0.0009
176	2025	ALT3	EB	AM	HOT	0.14	0.18	3.13	0.39	999	681	0.0042	0.0039	0.0044	0.0002	0.0008	0.0033	0.0010	0.0003	0.0000	0.0005	0.0008
177	2025	ALT3	EB	AM	HOT	0.19	0.24	4.25	0.54	1360	926	0.0058	0.0053	0.0059	0.0003	0.0012	0.0045	0.0014	0.0004	0.0001	0.0007	0.0011
178	2025	ALT3	EB	AM	HOT	0.09	0.12	2.06	0.26	660	449	0.0028	0.0026	0.0029	0.0002	0.0006	0.0022	0.0007	0.0002	0.0000	0.0003	0.0005
179	2025	ALT3	EB	AM	HOT	0.10	0.13	2.31	0.29	742	505	0.0031	0.0029	0.0032	0.0002	0.0006	0.0025	0.0007	0.0002	0.0000	0.0004	0.0006
180	2025	ALT3	EB	AM	HOT	0.14	0.18	3.12	0.39	999	680	0.0042	0.0039	0.0044	0.0002	0.0009	0.0033	0.0010	0.0003	0.0000	0.0005	0.0008

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
181	2025	ALT3	EB	AM	HOT	0.24	0.30	5.30	0.67	1699	1157	0.0072	0.0067	0.0074	0.0004	0.0014	0.0057	0.0017	0.0006	0.0001	0.0009	0.0014
182	2025	ALT3	EB	AM	HOT	0.22	0.28	4.97	0.63	1592	1084	0.0067	0.0062	0.0070	0.0004	0.0014	0.0053	0.0016	0.0005	0.0001	0.0008	0.0013
183	2025	ALT3	EB	AM	HOT	0.16	0.21	3.60	0.45	1155	786	0.0049	0.0045	0.0050	0.0003	0.0010	0.0038	0.0012	0.0004	0.0001	0.0006	0.0009
184	2025	ALT3	EB	AM	HOT	0.06	0.07	1.25	0.16	399	272	0.0017	0.0016	0.0017	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0003
185	2025	ALT3	EB	AM	HOT	0.18	0.23	4.12	0.52	1320	899	0.0056	0.0052	0.0058	0.0003	0.0011	0.0044	0.0013	0.0004	0.0001	0.0007	0.0011
186	2025	ALT3	EB	AM	HOT	0.07	0.09	1.63	0.21	522	355	0.0022	0.0020	0.0023	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
187	2025	ALT3	EB	AM	HOT	0.12	0.15	2.57	0.32	825	562	0.0035	0.0032	0.0036	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0004	0.0007
188	2025	ALT3	EB	AM	HOT	0.05	0.06	1.12	0.14	359	245	0.0015	0.0014	0.0016	0.0001	0.0003	0.0012	0.0004	0.0001	0.0000	0.0002	0.0003
189	2025	ALT3	EB	AM	HOT	0.15	0.19	3.31	0.42	1060	722	0.0045	0.0042	0.0046	0.0002	0.0009	0.0035	0.0011	0.0003	0.0001	0.0005	0.0009
190	2025	ALT3	EB	AM	HOT	0.01	0.01	0.18	0.02	56	38	0.0002	0.0002	0.0002	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000
191	2025	ALT3	EB	AM	HOT	0.15	0.19	3.40	0.43	1093	744	0.0046	0.0043	0.0048	0.0003	0.0009	0.0037	0.0011	0.0004	0.0001	0.0006	0.0009
192	2025	ALT3	EB	AM	HOT	0.01	0.02	0.27	0.03	87	59	0.0004	0.0003	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
193	2025	ALT3	EB	AM	HOT	0.24	0.30	5.29	0.67	1699	1157	0.0072	0.0067	0.0075	0.0004	0.0015	0.0057	0.0017	0.0006	0.0001	0.0009	0.0014
194	2025	ALT3	EB	AM	HOT	0.03	0.04	0.62	0.08	198	135	0.0008	0.0008	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
195	2025	ALT3	EB	AM	HOT	0.03	0.04	0.73	0.09	234	159	0.0010	0.0009	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0002
196	2025	ALT3	EB	AM	HOT	0.03	0.03	0.61	0.08	196	134	0.0008	0.0008	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
197	2025	ALT3	EB	AM	HOT	0.16	0.20	3.54	0.45	1139	776	0.0048	0.0045	0.0050	0.0003	0.0010	0.0038	0.0012	0.0004	0.0001	0.0006	0.0009
198	2025	ALT3	EB	AM	HOT	0.07	0.09	1.59	0.20	510	347	0.0022	0.0020	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
199	2025	ALT3	EB	AM	HOT	0.15	0.19	3.40	0.43	1076	733	0.0045	0.0042	0.0046	0.0002	0.0009	0.0035	0.0011	0.0004	0.0001	0.0005	0.0009
200	2025	ALT3	EB	AM	HOT	0.08	0.10	1.75	0.22	554	377	0.0023	0.0022	0.0024	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
201	2025	ALT3	EB	AM	HOT	0.29	0.37	6.65	0.84	2106	1434	0.0089	0.0082	0.0090	0.0005	0.0018	0.0069	0.0021	0.0007	0.0001	0.0011	0.0017
202	2025	ALT3	EB	AM	HOT	0.07	0.09	1.54	0.19	489	333	0.0021	0.0019	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
203	2025	ALT3	EB	AM	HOT	0.31	0.39	7.08	0.89	2242	1527	0.0095	0.0088	0.0096	0.0005	0.0019	0.0073	0.0022	0.0007	0.0001	0.0011	0.0018
204	2025	ALT3	EB	AM	HOT	0.03	0.03	0.58	0.07	185	126	0.0008	0.0007	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0001
205	2025	ALT3	EB	AM	HOT	0.06	0.07	1.29	0.16	413	281	0.0017	0.0016	0.0018	0.0001	0.0004	0.0014	0.0004	0.0001	0.0000	0.0002	0.0003
206	2025	ALT3	EB	AM	HOT	0.03	0.03	0.58	0.07	186	127	0.0008	0.0007	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
207	2025	ALT3	EB	AM	HOT	0.09	0.12	2.12	0.27	678	462	0.0029	0.0027	0.0030	0.0002	0.0006	0.0023	0.0007	0.0002	0.0000	0.0003	0.0005
208	2025	ALT3	EB	AM	HOT	0.03	0.04	0.65	0.08	209	143	0.0009	0.0008	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
209	2025	ALT3	EB	AM	HOT	0.01	0.01	0.17	0.02	53	36	0.0002	0.0002	0.0002	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000
210	2025	ALT3	EB	AM	HOT	0.06	0.08	1.46	0.18	466	317	0.0020	0.0018	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0002	0.0004
211	2025	ALT3	EB	AM	HOT	0.04	0.06	1.01	0.13	322	219	0.0014	0.0013	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
212	2025	ALT3	EB	AM	HOT	0.12	0.15	2.69	0.34	861	586	0.0036	0.0034	0.0037	0.0002	0.0007	0.0029	0.0009	0.0003	0.0000	0.0004	0.0007
213	2025	ALT3	EB	AM	HOT	0.07	0.09	1.55	0.20	495	337	0.0021	0.0019	0.0022	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0004
214	2025	ALT3	EB	AM	HOV																	
215	2025	ALT3	EB	AM	HOV																	
1	2025	ALT3	EB	MD	Mainline	1.21	1.52	27.74	6.98	10540	7839	0.1764	0.1625	0.0357	0.0016	0.0262	0.0637	0.0074	0.0027	0.0010	0.1481	0.2840
2	2025	ALT3	EB	MD	Mainline	3.07	3.84	67.96	17.82	26537	19811	0.4737	0.4363	0.0905	0.0041	0.0672	0.1629	0.0188	0.0066	0.0026	0.4041	0.7302
3	2025	ALT3	EB	MD	Mainline	0.15	0.18	3.18	0.82	1247	927	0.0222	0.0205	0.0044	0.0002	0.0030	0.0074	0.0009	0.0003	0.0001	0.0189	0.0317
4	2025	ALT3	EB	MD	Mainline	2.54	3.18	55.49	14.91	21967	16441	0.4054	0.3734	0.0748	0.0034	0.0565	0.1364	0.0155	0.0054	0.0022	0.3486	0.6167
5	2025	ALT3	EB	MD	Mainline	1.04	1.31	22.55	5.81	8839	6569	0.1577	0.1453	0.0309	0.0014	0.0212	0.0524	0.0065	0.0022	0.0009	0.1341	0.2244
6	2025	ALT3	EB	MD	Mainline	1.54	1.93	33.32	8.97	13247	9911	0.2467	0.2272	0.0454	0.0020	0.0338	0.0818	0.0095	0.0033	0.0013	0.2124	0.3670
7	2025	ALT3	EB	MD	Mainline	2.25	2.82	51.01	13.12	19610	14622	0.3378	0.3112	0.0663	0.0030	0.0497	0.1202	0.0138	0.0049	0.0019	0.2860	0.5420
8	2025	ALT3	EB	MD	Mainline	2.83	3.54	61.22	16.78	24489	18370	0.4636	0.4270	0.0832	0.0037	0.0639	0.1537	0.0173	0.0060	0.0025	0.4010	0.7012
9	2025	ALT3	EB	MD	Mainline	2.36	2.96	52.43	13.84	20488	15315	0.3669	0.3380	0.0694	0.0031	0.0526	0.1269	0.0144	0.0051	0.0020	0.3135	0.5749
10	2025	ALT3	EB	MD	Mainline	0.73	0.91	15.67	4.33	6308	4734	0.1213	0.1117	0.0215	0.0010	0.0164	0.0396	0.0045	0.0015	0.0006	0.1052	0.1801
11	2025	ALT3	EB	MD	Mainline	1.51	1.89	33.61	8.74	13054	9737	0.2301	0.2119	0.0445	0.0020	0.0329	0.0799	0.0093	0.0033	0.0013	0.1957	0.3575
12	2025	ALT3	EB	MD	Mainline	1.04	1.31	22.59	6.03	8955	6691	0.1653	0.1522	0.0308	0.0014	0.0226	0.0549	0.0064	0.0022	0.0009	0.1420	0.2443
13	2025	ALT3	EB	MD	Mainline	1.00	1.25	20.68	5.25	8167	6043	0.1461	0.1346	0.0298	0.0014	0.0188	0.0473	0.0063	0.0021	0.0008	0.1238	0.1917

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
14	2025	ALT3	EB	MD	Mainline	1.55	1.94	32.52	8.45	12902	9585	0.2357	0.2171	0.0460	0.0021	0.0307	0.0762	0.0097	0.0033	0.0013	0.2011	0.3206
15	2025	ALT3	EB	MD	Mainline	1.96	2.46	43.59	10.80	16681	12353	0.2804	0.2583	0.0581	0.0027	0.0394	0.0975	0.0123	0.0043	0.0016	0.2351	0.4147
16	2025	ALT3	EB	MD	Mainline	1.14	1.44	25.73	6.32	9777	7236	0.1617	0.1490	0.0340	0.0016	0.0230	0.0570	0.0072	0.0025	0.0009	0.1350	0.2430
17	2025	ALT3	EB	MD	Mainline	1.84	2.32	42.41	10.60	16065	11939	0.2668	0.2457	0.0545	0.0025	0.0397	0.0967	0.0114	0.0041	0.0015	0.2236	0.4298
18	2025	ALT3	EB	MD	Mainline	1.60	2.01	36.40	8.63	13615	10031	0.2152	0.1983	0.0477	0.0022	0.0309	0.0773	0.0101	0.0036	0.0012	0.1773	0.3205
19	2025	ALT3	EB	MD	Mainline	1.24	1.56	27.24	6.49	10353	7617	0.1680	0.1548	0.0370	0.0017	0.0229	0.0579	0.0079	0.0027	0.0009	0.1391	0.2325
20	2025	ALT3	EB	MD	Mainline	2.54	3.20	56.16	13.74	21482	15869	0.3582	0.3299	0.0758	0.0035	0.0494	0.1233	0.0161	0.0056	0.0020	0.2992	0.5118
21	2025	ALT3	EB	MD	Mainline	0.28	0.36	6.18	1.49	2367	1743	0.0391	0.0360	0.0085	0.0004	0.0053	0.0133	0.0018	0.0006	0.0002	0.0325	0.0534
22	2025	ALT3	EB	MD	Mainline	1.03	1.30	22.43	5.07	8416	6142	0.1283	0.1182	0.0311	0.0015	0.0173	0.0449	0.0067	0.0023	0.0007	0.1039	0.1670
23	2025	ALT3	EB	MD	Mainline	1.02	1.28	22.04	5.13	8356	6123	0.1326	0.1222	0.0305	0.0015	0.0178	0.0457	0.0066	0.0022	0.0008	0.1088	0.1756
24	2025	ALT3	EB	MD	Mainline	0.85	1.07	19.22	4.27	7060	5152	0.1034	0.0953	0.0255	0.0012	0.0146	0.0377	0.0055	0.0019	0.0006	0.0830	0.1439
25	2025	ALT3	EB	MD	Mainline	0.60	0.75	13.13	2.90	4876	3549	0.0718	0.0662	0.0180	0.0009	0.0098	0.0256	0.0039	0.0013	0.0004	0.0576	0.0933
26	2025	ALT3	EB	MD	Mainline	5.33	6.69	113.65	24.45	42215	30596	0.6057	0.5582	0.1610	0.0079	0.0812	0.2169	0.0351	0.0117	0.0036	0.4797	0.7447
27	2025	ALT3	EB	MD	Mainline	4.18	5.24	87.27	18.76	32620	23621	0.4705	0.4336	0.1263	0.0062	0.0622	0.1674	0.0276	0.0091	0.0028	0.3726	0.5619
28	2025	ALT3	EB	MD	Mainline	2.37	2.98	50.39	10.51	18574	13404	0.2552	0.2352	0.0719	0.0035	0.0343	0.0932	0.0158	0.0052	0.0015	0.1987	0.3042
29	2025	ALT3	EB	MD	Mainline	1.61	2.03	33.92	6.98	12490	8995	0.1685	0.1553	0.0489	0.0024	0.0226	0.0620	0.0108	0.0035	0.0010	0.1302	0.1964
30	2025	ALT3	EB	MD	Mainline	2.61	3.29	56.05	11.54	20514	14786	0.2757	0.2542	0.0792	0.0039	0.0374	0.1020	0.0174	0.0058	0.0017	0.2132	0.3303
31	2025	ALT3	EB	MD	Mainline	2.00	2.52	42.10	8.63	15490	11151	0.2080	0.1917	0.0608	0.0030	0.0279	0.0767	0.0134	0.0044	0.0013	0.1604	0.2416
32	2025	ALT3	EB	MD	Mainline	2.16	2.72	46.08	9.62	16965	12247	0.2330	0.2148	0.0655	0.0032	0.0314	0.0852	0.0143	0.0048	0.0014	0.1816	0.2799
33	2025	ALT3	EB	MD	Mainline	1.99	2.50	43.18	8.85	15724	11332	0.2092	0.1928	0.0603	0.0030	0.0286	0.0779	0.0132	0.0044	0.0013	0.1612	0.2536
34	2025	ALT3	EB	MD	Mainline	2.16	2.72	46.78	9.99	17266	12508	0.2442	0.2250	0.0654	0.0032	0.0331	0.0883	0.0142	0.0048	0.0015	0.1926	0.3041
35	2025	ALT3	EB	MD	Mainline	1.23	1.55	26.46	5.39	9649	6946	0.1276	0.1176	0.0374	0.0018	0.0174	0.0476	0.0082	0.0027	0.0008	0.0980	0.1519
36	2025	ALT3	EB	MD	Mainline	1.46	1.84	31.27	6.41	11434	8236	0.1527	0.1407	0.0443	0.0022	0.0207	0.0566	0.0097	0.0032	0.0009	0.1177	0.1820
37	2025	ALT3	EB	MD	Mainline	1.97	2.47	42.12	8.63	15400	11093	0.2057	0.1896	0.0596	0.0029	0.0279	0.0763	0.0131	0.0044	0.0013	0.1586	0.2451
38	2025	ALT3	EB	MD	Mainline	2.80	3.52	60.52	12.63	22189	16025	0.3036	0.2798	0.0848	0.0042	0.0413	0.1115	0.0185	0.0062	0.0018	0.2365	0.3710
39	2025	ALT3	EB	MD	Mainline	3.01	3.78	64.18	13.04	23440	16864	0.3093	0.2851	0.0913	0.0045	0.0420	0.1154	0.0201	0.0067	0.0019	0.2372	0.3641
40	2025	ALT3	EB	MD	Mainline	2.02	2.53	42.31	8.71	15592	11229	0.2107	0.1942	0.0612	0.0030	0.0282	0.0775	0.0134	0.0044	0.0013	0.1628	0.2451
41	2025	ALT3	EB	MD	Mainline	0.77	0.96	16.44	3.28	5965	4283	0.0766	0.0706	0.0233	0.0012	0.0105	0.0290	0.0051	0.0017	0.0005	0.0581	0.0894
42	2025	ALT3	EB	MD	Mainline	2.28	2.87	49.97	10.13	18085	13017	0.2360	0.2175	0.0692	0.0034	0.0325	0.0888	0.0152	0.0051	0.0014	0.1806	0.2868
43	2025	ALT3	EB	MD	Mainline	0.95	1.20	21.26	4.21	7598	5456	0.0953	0.0878	0.0289	0.0014	0.0133	0.0366	0.0064	0.0022	0.0006	0.0718	0.1161
44	2025	ALT3	EB	MD	Mainline	1.42	1.79	31.21	6.27	11264	8099	0.1450	0.1337	0.0432	0.0021	0.0201	0.0549	0.0095	0.0032	0.0009	0.1104	0.1753
45	2025	ALT3	EB	MD	Mainline	0.64	0.81	14.20	2.83	5096	3661	0.0645	0.0595	0.0195	0.0010	0.0090	0.0247	0.0043	0.0014	0.0004	0.0488	0.0783
46	2025	ALT3	EB	MD	Mainline	1.79	2.26	39.20	7.86	14151	10172	0.1818	0.1676	0.0544	0.0027	0.0251	0.0689	0.0120	0.0040	0.0011	0.1382	0.2183
47	2025	ALT3	EB	MD	Mainline	0.10	0.13	2.23	0.44	806	578	0.0102	0.0094	0.0032	0.0002	0.0014	0.0039	0.0007	0.0002	0.0001	0.0076	0.0117
48	2025	ALT3	EB	MD	Mainline	2.12	2.66	44.90	8.99	16364	11748	0.2114	0.1948	0.0644	0.0032	0.0287	0.0796	0.0142	0.0047	0.0013	0.1606	0.2436
49	2025	ALT3	EB	MD	Mainline	0.17	0.22	3.74	0.74	1352	969	0.0170	0.0157	0.0053	0.0003	0.0023	0.0065	0.0012	0.0004	0.0001	0.0128	0.0199
50	2025	ALT3	EB	MD	Mainline	2.76	3.48	60.06	12.03	21718	15605	0.2789	0.2571	0.0839	0.0042	0.0384	0.1057	0.0184	0.0062	0.0017	0.2119	0.3322
51	2025	ALT3	EB	MD	Mainline	0.47	0.60	10.67	2.10	3796	2725	0.0471	0.0435	0.0144	0.0007	0.0066	0.0182	0.0032	0.0011	0.0003	0.0354	0.0579
52	2025	ALT3	EB	MD	Mainline	0.70	0.89	15.99	3.10	5634	4037	0.0679	0.0626	0.0213	0.0011	0.0097	0.0267	0.0047	0.0016	0.0004	0.0504	0.0838
53	2025	ALT3	EB	MD	Mainline	0.52	0.66	12.02	2.38	4237	3047	0.0525	0.0484	0.0157	0.0008	0.0076	0.0206	0.0034	0.0012	0.0003	0.0395	0.0681
54	2025	ALT3	EB	MD	Mainline	2.68	3.40	64.64	12.85	22398	16144	0.2747	0.2533	0.0810	0.0039	0.0415	0.1104	0.0176	0.0063	0.0017	0.2062	0.3869
55	2025	ALT3	EB	MD	Mainline	1.34	1.70	30.99	6.12	10915	7845	0.1345	0.1240	0.0407	0.0020	0.0194	0.0527	0.0089	0.0031	0.0008	0.1009	0.1733
56	2025	ALT3	EB	MD	Mainline	1.65	2.09	38.80	7.84	13651	9851	0.1731	0.1596	0.0499	0.0024	0.0254	0.0678	0.0108	0.0038	0.0011	0.1316	0.2366
57	2025	ALT3	EB	MD	Mainline	1.01	1.27	21.60	4.33	7859	5644	0.1014	0.0935	0.0308	0.0015	0.0138	0.0383	0.0068	0.0022	0.0006	0.0771	0.1179
58	2025	ALT3	EB	MD	Mainline	3.35	4.22	72.45	14.74	26364	18978	0.3474	0.3202	0.1017	0.0050	0.0475	0.1299	0.0223	0.0075	0.0021	0.2666	0.4162
59	2025	ALT3	EB	MD	Mainline	0.88	1.11	18.80	3.73	6823	4894	0.0869	0.0801	0.0268	0.0013	0.0119	0.0330	0.0059	0.0020	0.0005	0.0656	0.1001
60	2025	ALT3	EB	MD	Mainline	3.57	4.49	77.22	15.50	27970	20100	0.3606	0.3324	0.1083	0.0054	0.0495	0.1363	0.0238	0.0079	0.0022	0.2744	0.4282
61	2025	ALT3	EB	MD	Mainline	0.87	1.10	18.86	3.60	6743	4814	0.0802	0.0739	0.0267	0.0013	0.0112	0.0316	0.0059	0.0020	0.0005	0.0588	0.0904

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
62	2025	ALT3	EB	MD	Mainline	1.79	2.25	38.07	7.37	13739	9824	0.1684	0.1552	0.0546	0.0027	0.0231	0.0652	0.0121	0.0040	0.0011	0.1250	0.1891
63	2025	ALT3	EB	MD	Mainline	0.68	0.85	14.41	2.86	5228	3750	0.0666	0.0614	0.0205	0.0010	0.0091	0.0253	0.0045	0.0015	0.0004	0.0503	0.0768
64	2025	ALT3	EB	MD	Mainline	2.07	2.61	44.77	9.07	16265	11701	0.2127	0.1960	0.0628	0.0031	0.0291	0.0798	0.0138	0.0046	0.0013	0.1627	0.2540
65	2025	ALT3	EB	MD	Mainline	0.68	0.85	14.81	2.94	5326	3823	0.0671	0.0619	0.0205	0.0010	0.0093	0.0257	0.0045	0.0015	0.0004	0.0506	0.0801
66	2025	ALT3	EB	MD	Mainline	0.22	0.28	4.82	1.09	1813	1323	0.0278	0.0256	0.0067	0.0003	0.0037	0.0097	0.0015	0.0005	0.0002	0.0225	0.0358
67	2025	ALT3	EB	MD	Mainline	1.60	2.00	34.37	8.28	13197	9714	0.2188	0.2016	0.0477	0.0022	0.0292	0.0740	0.0102	0.0035	0.0012	0.1820	0.2945
68	2025	ALT3	EB	MD	Mainline	1.14	1.44	25.05	5.89	9496	6971	0.1519	0.1399	0.0343	0.0016	0.0205	0.0524	0.0073	0.0025	0.0009	0.1251	0.2057
69	2025	ALT3	EB	MD	Mainline	2.77	3.47	58.56	14.62	22880	16907	0.3985	0.3671	0.0827	0.0039	0.0522	0.1313	0.0176	0.0060	0.0022	0.3358	0.5328
70	2025	ALT3	EB	MD	Mainline	1.71	2.14	35.15	8.68	13788	10160	0.2396	0.2207	0.0512	0.0024	0.0306	0.0781	0.0110	0.0036	0.0013	0.2012	0.3053
71	2025	ALT3	EB	MD	Mainline	2.44	3.05	50.27	12.20	19591	14405	0.3329	0.3067	0.0731	0.0035	0.0427	0.1096	0.0157	0.0052	0.0019	0.2778	0.4219
72	2025	ALT3	EB	MD	Mainline	2.38	2.98	48.72	11.52	18871	13824	0.3113	0.2868	0.0715	0.0034	0.0398	0.1035	0.0155	0.0051	0.0018	0.2573	0.3842
73	2025	ALT3	EB	MD	Ramp	0.11	0.16	2.55	0.32	903	625	0.0068	0.0063	0.0036	0.0002	0.0013	0.0039	0.0008	0.0005	0.0001	0.0015	0.0101
74	2025	ALT3	EB	MD	Ramp	0.09	0.12	1.55	0.26	621	440	0.0058	0.0053	0.0027	0.0001	0.0019	0.0048	0.0006	0.0003	0.0001	0.0022	0.0217
75	2025	ALT3	EB	MD	Ramp	0.15	0.21	2.46	0.37	1004	702	0.0088	0.0082	0.0046	0.0002	0.0026	0.0069	0.0010	0.0006	0.0001	0.0023	0.0279
76	2025	ALT3	EB	MD	Ramp	0.21	0.30	3.40	0.50	1433	998	0.0127	0.0117	0.0067	0.0003	0.0036	0.0096	0.0014	0.0009	0.0001	0.0028	0.0375
77	2025	ALT3	EB	MD	Ramp	0.18	0.25	3.05	0.43	1229	855	0.0105	0.0097	0.0055	0.0003	0.0027	0.0074	0.0012	0.0007	0.0001	0.0024	0.0273
78	2025	ALT3	EB	MD	Ramp	0.16	0.22	2.30	0.38	1008	708	0.0095	0.0088	0.0049	0.0002	0.0034	0.0084	0.0010	0.0006	0.0001	0.0025	0.0380
79	2025	ALT3	EB	MD	Ramp	0.28	0.39	3.63	0.55	1717	1192	0.0163	0.0151	0.0087	0.0004	0.0049	0.0128	0.0018	0.0012	0.0002	0.0029	0.0520
80	2025	ALT3	EB	MD	Ramp	0.27	0.38	4.88	0.72	1924	1346	0.0166	0.0153	0.0084	0.0004	0.0047	0.0123	0.0018	0.0011	0.0002	0.0047	0.0490
81	2025	ALT3	EB	MD	Ramp	0.30	0.41	7.37	1.08	2467	1735	0.0199	0.0184	0.0093	0.0005	0.0044	0.0120	0.0020	0.0011	0.0002	0.0076	0.0417
82	2025	ALT3	EB	MD	Ramp	0.21	0.30	4.45	0.60	1628	1131	0.0129	0.0120	0.0067	0.0003	0.0028	0.0080	0.0015	0.0009	0.0001	0.0033	0.0250
83	2025	ALT3	EB	MD	Ramp	0.06	0.08	1.43	0.26	492	356	0.0048	0.0044	0.0018	0.0001	0.0013	0.0032	0.0004	0.0002	0.0000	0.0027	0.0145
84	2025	ALT3	EB	MD	Ramp	0.07	0.09	1.91	0.25	580	405	0.0041	0.0038	0.0021	0.0001	0.0008	0.0024	0.0005	0.0002	0.0000	0.0014	0.0068
85	2025	ALT3	EB	MD	Ramp	0.13	0.17	3.52	0.61	1127	811	0.0105	0.0097	0.0039	0.0002	0.0026	0.0065	0.0008	0.0004	0.0001	0.0061	0.0285
86	2025	ALT3	EB	MD	Ramp	0.27	0.37	5.94	1.01	2163	1541	0.0199	0.0184	0.0083	0.0004	0.0049	0.0127	0.0017	0.0010	0.0002	0.0090	0.0519
87	2025	ALT3	EB	MD	Ramp	0.08	0.10	1.43	0.24	555	395	0.0052	0.0048	0.0023	0.0001	0.0016	0.0040	0.0005	0.0003	0.0000	0.0021	0.0176
88	2025	ALT3	EB	MD	Ramp	0.10	0.14	2.40	0.43	841	605	0.0080	0.0074	0.0031	0.0001	0.0021	0.0053	0.0006	0.0003	0.0001	0.0042	0.0234
89	2025	ALT3	EB	MD	Ramp	0.05	0.07	0.97	0.15	372	262	0.0033	0.0030	0.0016	0.0001	0.0009	0.0024	0.0003	0.0002	0.0000	0.0011	0.0099
90	2025	ALT3	EB	MD	Ramp	0.10	0.13	1.56	0.37	662	488	0.0076	0.0070	0.0028	0.0001	0.0030	0.0069	0.0005	0.0003	0.0001	0.0044	0.0371
91	2025	ALT3	EB	MD	Ramp	0.17	0.23	3.80	0.65	1353	966	0.0124	0.0115	0.0051	0.0002	0.0031	0.0080	0.0011	0.0006	0.0001	0.0059	0.0334
92	2025	ALT3	EB	MD	Ramp	0.25	0.35	3.37	0.65	1514	1080	0.0153	0.0141	0.0076	0.0003	0.0071	0.0165	0.0015	0.0009	0.0001	0.0055	0.0849
93	2025	ALT3	EB	MD	Ramp	1.71	2.21	36.52	9.73	14232	10777	0.1863	0.1718	0.0488	0.0019	0.0579	0.1292	0.0092	0.0042	0.0012	0.1406	0.7135
94	2025	ALT3	EB	MD	Ramp	0.68	0.93	15.05	2.63	5480	3920	0.0514	0.0475	0.0209	0.0010	0.0131	0.0333	0.0044	0.0024	0.0004	0.0246	0.1409
95	2025	ALT3	EB	MD	Ramp	0.13	0.17	2.88	0.46	1020	723	0.0090	0.0083	0.0039	0.0002	0.0021	0.0056	0.0008	0.0005	0.0001	0.0038	0.0217
96	2025	ALT3	EB	MD	Ramp	0.15	0.21	4.62	0.68	1372	969	0.0106	0.0098	0.0047	0.0002	0.0023	0.0063	0.0010	0.0005	0.0001	0.0051	0.0219
97	2025	ALT3	EB	MD	Ramp	0.07	0.09	1.44	0.41	585	446	0.0079	0.0073	0.0020	0.0001	0.0026	0.0057	0.0004	0.0002	0.0000	0.0060	0.0318
98	2025	ALT3	EB	MD	Ramp	0.08	0.11	2.02	0.37	684	495	0.0067	0.0062	0.0024	0.0001	0.0018	0.0044	0.0005	0.0002	0.0001	0.0039	0.0200
99	2025	ALT3	EB	MD	Ramp	0.15	0.20	3.87	0.76	1317	961	0.0135	0.0124	0.0046	0.0002	0.0037	0.0089	0.0009	0.0005	0.0001	0.0085	0.0424
100	2025	ALT3	EB	MD	Ramp	0.17	0.23	4.55	0.74	1472	1049	0.0127	0.0117	0.0053	0.0002	0.0031	0.0080	0.0011	0.0006	0.0001	0.0064	0.0324
101	2025	ALT3	EB	MD	Ramp	0.08	0.11	2.27	0.40	724	523	0.0069	0.0063	0.0025	0.0001	0.0017	0.0042	0.0005	0.0002	0.0001	0.0042	0.0186
102	2025	ALT3	EB	MD	Ramp	0.06	0.08	1.61	0.26	513	366	0.0044	0.0041	0.0018	0.0001	0.0011	0.0028	0.0004	0.0002	0.0000	0.0023	0.0112
103	2025	ALT3	EB	MD	Ramp	0.04	0.05	1.10	0.15	325	228	0.0024	0.0022	0.0011	0.0001	0.0005	0.0014	0.0002	0.0001	0.0000	0.0010	0.0044
104	2025	ALT3	EB	MD	Ramp	0.12	0.17	2.70	0.38	967	675	0.0078	0.0072	0.0039	0.0002	0.0016	0.0047	0.0008	0.0005	0.0001	0.0023	0.0150
105	2025	ALT3	EB	MD	Ramp	0.13	0.18	3.04	0.45	1041	733	0.0086	0.0079	0.0040	0.0002	0.0019	0.0052	0.0008	0.0005	0.0001	0.0033	0.0182
106	2025	ALT3	EB	MD	Ramp	0.04	0.05	0.58	0.08	250	172	0.0022	0.0020	0.0012	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0003	0.0045
107	2025	ALT3	EB	MD	Ramp																	
108	2025	ALT3	EB	MD	Ramp																	
109	2025	ALT3	EB	MD	Ramp	0.12	0.16	3.00	0.48	994	707	0.0085	0.0079	0.0036	0.0002	0.0021	0.0054	0.0008	0.0004	0.0001	0.0040	0.0215

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
110	2025	ALT3	EB	MD	Ramp	0.25	0.35	5.38	0.74	1942	1354	0.0156	0.0144	0.0079	0.0004	0.0034	0.0096	0.0017	0.0010	0.0002	0.0045	0.0312
111	2025	ALT3	EB	MD	Ramp	0.04	0.05	1.14	0.18	350	249	0.0029	0.0027	0.0012	0.0001	0.0007	0.0018	0.0003	0.0001	0.0000	0.0015	0.0069
112	2025	ALT3	EB	MD	Ramp	0.20	0.28	4.33	0.59	1563	1088	0.0124	0.0115	0.0064	0.0003	0.0026	0.0075	0.0014	0.0008	0.0001	0.0033	0.0237
113	2025	ALT3	EB	MD	Ramp	0.09	0.13	2.36	0.33	774	542	0.0059	0.0055	0.0029	0.0001	0.0012	0.0035	0.0006	0.0003	0.0001	0.0020	0.0109
114	2025	ALT3	EB	MD	Ramp	0.18	0.25	3.65	0.46	1352	934	0.0105	0.0097	0.0057	0.0003	0.0021	0.0062	0.0012	0.0007	0.0001	0.0021	0.0173
115	2025	ALT3	EB	MD	Ramp																	
116	2025	ALT3	EB	MD	Ramp	0.08	0.12	1.74	0.25	635	443	0.0052	0.0048	0.0026	0.0001	0.0012	0.0033	0.0006	0.0003	0.0001	0.0015	0.0111
117	2025	ALT3	EB	MD	Ramp	0.07	0.10	1.83	0.29	619	439	0.0053	0.0049	0.0023	0.0001	0.0012	0.0033	0.0005	0.0003	0.0000	0.0023	0.0126
118	2025	ALT3	EB	MD	Ramp	0.08	0.11	1.84	0.23	637	440	0.0047	0.0043	0.0025	0.0001	0.0008	0.0025	0.0006	0.0003	0.0001	0.0010	0.0057
119	2025	ALT3	EB	MD	Ramp	0.10	0.13	2.56	0.37	827	581	0.0065	0.0060	0.0030	0.0001	0.0014	0.0039	0.0007	0.0004	0.0001	0.0025	0.0134
120	2025	ALT3	EB	MD	Ramp	0.06	0.09	1.45	0.19	505	350	0.0038	0.0035	0.0020	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0009	0.0055
121	2025	ALT3	EB	MD	Ramp	0.12	0.17	3.58	0.58	1101	787	0.0095	0.0088	0.0038	0.0002	0.0022	0.0058	0.0008	0.0004	0.0001	0.0053	0.0232
122	2025	ALT3	EB	MD	Ramp	1.51	2.03	38.58	6.47	12767	9132	0.1139	0.1052	0.0459	0.0021	0.0287	0.0728	0.0096	0.0049	0.0009	0.0589	0.3058
123	2025	ALT3	EB	MD	Ramp	0.91	1.21	24.91	3.97	7852	5591	0.0663	0.0613	0.0276	0.0013	0.0160	0.0414	0.0058	0.0029	0.0006	0.0338	0.1652
124	2025	ALT3	EB	MD	Ramp	0.17	0.24	2.12	0.32	1020	708	0.0098	0.0090	0.0052	0.0002	0.0030	0.0078	0.0011	0.0007	0.0001	0.0017	0.0315
125	2025	ALT3	EB	MD	Ramp	0.12	0.17	2.62	0.41	957	676	0.0083	0.0077	0.0038	0.0002	0.0020	0.0054	0.0008	0.0005	0.0001	0.0032	0.0206
126	2025	ALT3	EB	MD	Ramp	0.07	0.10	1.36	0.19	521	363	0.0043	0.0040	0.0022	0.0001	0.0011	0.0030	0.0005	0.0003	0.0000	0.0012	0.0110
127	2025	ALT3	EB	MD	Ramp	0.37	0.51	5.06	0.83	2278	1596	0.0215	0.0200	0.0113	0.0005	0.0077	0.0192	0.0023	0.0014	0.0002	0.0054	0.0860
128	2025	ALT3	EB	MD	Ramp	0.03	0.04	0.61	0.07	216	148	0.0015	0.0014	0.0009	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0002	0.0012
129	2025	ALT3	EB	MD	Ramp	0.23	0.32	4.94	0.75	1805	1271	0.0155	0.0143	0.0072	0.0003	0.0037	0.0099	0.0015	0.0009	0.0001	0.0056	0.0371
130	2025	ALT3	EB	MD	Ramp	0.10	0.13	2.80	0.37	845	589	0.0059	0.0055	0.0030	0.0002	0.0012	0.0034	0.0007	0.0003	0.0001	0.0020	0.0097
131	2025	ALT3	EB	MD	Ramp	0.26	0.35	6.12	0.95	2108	1490	0.0179	0.0165	0.0080	0.0004	0.0041	0.0110	0.0017	0.0009	0.0002	0.0074	0.0409
132	2025	ALT3	EB	MD	Ramp	0.07	0.09	1.91	0.25	572	398	0.0039	0.0036	0.0021	0.0001	0.0007	0.0022	0.0005	0.0002	0.0000	0.0012	0.0059
133	2025	ALT3	EB	MD	Ramp	0.28	0.38	6.53	0.92	2253	1576	0.0179	0.0166	0.0087	0.0004	0.0036	0.0104	0.0019	0.0011	0.0002	0.0059	0.0327
134	2025	ALT3	EB	MD	Ramp	0.55	0.75	15.53	2.27	4805	3386	0.0372	0.0344	0.0171	0.0008	0.0083	0.0225	0.0037	0.0019	0.0003	0.0161	0.0791
135	2025	ALT3	EB	MD	Ramp	0.26	0.36	5.68	0.86	2057	1449	0.0176	0.0163	0.0082	0.0004	0.0041	0.0111	0.0017	0.0010	0.0002	0.0064	0.0407
136	2025	ALT3	EB	MD	Ramp	0.04	0.06	0.88	0.11	322	223	0.0025	0.0023	0.0013	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0005	0.0038
137	2025	ALT3	EB	MD	Ramp	1.42	1.82	27.18	8.42	11517	8868	0.1652	0.1523	0.0398	0.0014	0.0545	0.1191	0.0072	0.0032	0.0010	0.1302	0.6860
138	2025	ALT3	EB	MD	Ramp	0.20	0.29	2.46	0.37	1233	854	0.0121	0.0112	0.0064	0.0003	0.0037	0.0096	0.0013	0.0009	0.0001	0.0019	0.0391
139	2025	ALT3	EB	MD	Ramp	0.11	0.15	2.29	0.29	833	576	0.0064	0.0060	0.0034	0.0002	0.0013	0.0038	0.0007	0.0004	0.0001	0.0014	0.0108
140	2025	ALT3	EB	MD	Ramp	0.34	0.47	5.55	0.77	2296	1593	0.0198	0.0183	0.0105	0.0005	0.0051	0.0139	0.0022	0.0014	0.0002	0.0041	0.0501
141	2025	ALT3	EB	MD	Ramp	0.02	0.03	0.71	0.09	208	144	0.0013	0.0012	0.0007	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0003	0.0016
142	2025	ALT3	EB	MD	Ramp	0.12	0.16	3.20	0.41	1004	696	0.0070	0.0065	0.0037	0.0002	0.0013	0.0039	0.0008	0.0004	0.0001	0.0020	0.0101
143	2025	ALT3	EB	MD	Ramp	0.07	0.10	2.16	0.26	631	436	0.0040	0.0037	0.0023	0.0001	0.0007	0.0022	0.0005	0.0003	0.0000	0.0010	0.0046
144	2025	ALT3	EB	MD	HOT	0.33	0.43	8.47	1.07	2564	1747	0.0108	0.0100	0.0104	0.0006	0.0020	0.0079	0.0024	0.0008	0.0001	0.0013	0.0022
145	2025	ALT3	EB	MD	HOT	0.87	1.12	22.36	2.82	6770	4611	0.0286	0.0265	0.0274	0.0015	0.0053	0.0208	0.0063	0.0022	0.0003	0.0034	0.0058
146	2025	ALT3	EB	MD	HOT	0.04	0.05	0.96	0.12	292	199	0.0012	0.0011	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
147	2025	ALT3	EB	MD	HOT	0.74	0.95	18.91	2.39	5725	3899	0.0242	0.0224	0.0232	0.0012	0.0045	0.0176	0.0053	0.0019	0.0003	0.0029	0.0049
148	2025	ALT3	EB	MD	HOT	0.27	0.35	6.87	0.87	2082	1418	0.0088	0.0081	0.0084	0.0004	0.0016	0.0064	0.0019	0.0007	0.0001	0.0010	0.0018
149	2025	ALT3	EB	MD	HOT	0.44	0.57	11.33	1.43	3432	2337	0.0145	0.0134	0.0139	0.0007	0.0027	0.0106	0.0032	0.0011	0.0002	0.0017	0.0030
150	2025	ALT3	EB	MD	HOT	0.61	0.79	15.59	1.97	4729	3221	0.0199	0.0185	0.0192	0.0010	0.0037	0.0146	0.0044	0.0015	0.0002	0.0024	0.0041
151	2025	ALT3	EB	MD	HOT	0.83	1.06	21.05	2.66	6384	4349	0.0269	0.0250	0.0259	0.0014	0.0050	0.0197	0.0059	0.0021	0.0003	0.0032	0.0055
152	2025	ALT3	EB	MD	HOT	0.66	0.84	16.69	2.11	5064	3449	0.0214	0.0198	0.0205	0.0011	0.0040	0.0156	0.0047	0.0017	0.0002	0.0026	0.0044
153	2025	ALT3	EB	MD	HOT	0.22	0.28	5.01	0.63	1583	1078	0.0067	0.0062	0.0068	0.0004	0.0013	0.0051	0.0016	0.0005	0.0001	0.0008	0.0013
154	2025	ALT3	EB	MD	HOT	0.41	0.53	9.59	1.21	3028	2062	0.0128	0.0118	0.0129	0.0007	0.0025	0.0098	0.0030	0.0010	0.0001	0.0015	0.0025
155	2025	ALT3	EB	MD	HOT	0.31	0.39	7.12	0.90	2250	1532	0.0095	0.0088	0.0096	0.0005	0.0019	0.0073	0.0022	0.0007	0.0001	0.0011	0.0018
156	2025	ALT3	EB	MD	HOT	0.24	0.31	5.61	0.71	1770	1206	0.0075	0.0069	0.0076	0.0004	0.0015	0.0058	0.0017	0.0006	0.0001	0.0009	0.0015
157	2025	ALT3	EB	MD	HOT	0.43	0.54	9.86	1.25	3115	2122	0.0131	0.0122	0.0133	0.0007	0.0026	0.0101	0.0031	0.0010	0.0001	0.0016	0.0026

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
158	2025	ALT3	EB	MD	HOT	0.49	0.62	11.37	1.44	3590	2445	0.0152	0.0140	0.0153	0.0008	0.0030	0.0117	0.0035	0.0012	0.0002	0.0018	0.0029
159	2025	ALT3	EB	MD	HOT	0.28	0.36	6.50	0.82	2054	1399	0.0087	0.0080	0.0088	0.0005	0.0017	0.0067	0.0020	0.0007	0.0001	0.0010	0.0017
160	2025	ALT3	EB	MD	HOT	0.52	0.67	12.12	1.53	3828	2607	0.0162	0.0150	0.0163	0.0009	0.0032	0.0124	0.0038	0.0013	0.0002	0.0020	0.0031
161	2025	ALT3	EB	MD	HOT	0.27	0.34	6.26	0.79	1963	1337	0.0083	0.0077	0.0083	0.0004	0.0016	0.0063	0.0019	0.0006	0.0001	0.0010	0.0016
162	2025	ALT3	EB	MD	HOT	0.19	0.24	4.49	0.57	1409	960	0.0059	0.0055	0.0060	0.0003	0.0012	0.0045	0.0014	0.0005	0.0001	0.0007	0.0012
163	2025	ALT3	EB	MD	HOT	0.45	0.57	10.63	1.34	3335	2271	0.0141	0.0130	0.0141	0.0008	0.0027	0.0107	0.0032	0.0011	0.0002	0.0017	0.0028
164	2025	ALT3	EB	MD	HOT	0.05	0.06	1.06	0.13	334	227	0.0014	0.0013	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
165	2025	ALT3	EB	MD	HOT	0.21	0.27	4.98	0.63	1562	1064	0.0066	0.0061	0.0066	0.0004	0.0013	0.0050	0.0015	0.0005	0.0001	0.0008	0.0013
166	2025	ALT3	EB	MD	HOT	0.26	0.33	6.15	0.78	1929	1314	0.0081	0.0075	0.0081	0.0004	0.0016	0.0062	0.0019	0.0006	0.0001	0.0010	0.0016
167	2025	ALT3	EB	MD	HOT	0.18	0.23	4.34	0.55	1362	928	0.0057	0.0053	0.0058	0.0003	0.0011	0.0044	0.0013	0.0004	0.0001	0.0007	0.0011
168	2025	ALT3	EB	MD	HOT	0.12	0.15	2.82	0.36	885	603	0.0037	0.0035	0.0037	0.0002	0.0007	0.0028	0.0009	0.0003	0.0000	0.0005	0.0007
169	2025	ALT3	EB	MD	HOT	1.09	1.39	25.65	3.24	8046	5480	0.0339	0.0314	0.0340	0.0018	0.0066	0.0259	0.0078	0.0026	0.0004	0.0041	0.0067
170	2025	ALT3	EB	MD	HOT	0.79	1.00	18.53	2.34	5814	3960	0.0245	0.0227	0.0246	0.0013	0.0048	0.0187	0.0056	0.0019	0.0003	0.0030	0.0048
171	2025	ALT3	EB	MD	HOT	0.42	0.53	9.57	1.21	3041	2071	0.0128	0.0119	0.0131	0.0007	0.0026	0.0100	0.0030	0.0010	0.0001	0.0016	0.0025
172	2025	ALT3	EB	MD	HOT	0.25	0.31	5.60	0.71	1779	1212	0.0075	0.0070	0.0077	0.0004	0.0015	0.0058	0.0018	0.0006	0.0001	0.0009	0.0014
173	2025	ALT3	EB	MD	HOT	0.44	0.56	9.95	1.25	3162	2153	0.0134	0.0124	0.0136	0.0007	0.0027	0.0104	0.0031	0.0010	0.0002	0.0016	0.0026
174	2025	ALT3	EB	MD	HOT	0.31	0.39	7.04	0.89	2237	1524	0.0095	0.0088	0.0097	0.0005	0.0019	0.0073	0.0022	0.0007	0.0001	0.0011	0.0018
175	2025	ALT3	EB	MD	HOT	0.37	0.47	8.41	1.06	2674	1821	0.0113	0.0105	0.0115	0.0006	0.0022	0.0088	0.0027	0.0009	0.0001	0.0014	0.0022
176	2025	ALT3	EB	MD	HOT	0.32	0.41	7.36	0.93	2339	1593	0.0099	0.0092	0.0101	0.0005	0.0020	0.0077	0.0023	0.0008	0.0001	0.0012	0.0019
177	2025	ALT3	EB	MD	HOT	0.44	0.56	10.01	1.26	3182	2167	0.0134	0.0125	0.0137	0.0007	0.0027	0.0104	0.0032	0.0010	0.0002	0.0016	0.0026
178	2025	ALT3	EB	MD	HOT	0.21	0.27	4.86	0.61	1544	1052	0.0065	0.0060	0.0067	0.0004	0.0013	0.0051	0.0015	0.0005	0.0001	0.0008	0.0013
179	2025	ALT3	EB	MD	HOT	0.27	0.35	6.25	0.79	1980	1349	0.0084	0.0077	0.0085	0.0005	0.0017	0.0065	0.0020	0.0006	0.0001	0.0010	0.0016
180	2025	ALT3	EB	MD	HOT	0.37	0.47	8.42	1.06	2667	1816	0.0113	0.0104	0.0114	0.0006	0.0022	0.0087	0.0026	0.0009	0.0001	0.0014	0.0022
181	2025	ALT3	EB	MD	HOT	0.62	0.79	14.32	1.81	4536	3089	0.0192	0.0177	0.0195	0.0010	0.0038	0.0148	0.0045	0.0015	0.0002	0.0023	0.0037
182	2025	ALT3	EB	MD	HOT	0.58	0.74	13.42	1.69	4251	2895	0.0179	0.0166	0.0182	0.0010	0.0035	0.0139	0.0042	0.0014	0.0002	0.0022	0.0035
183	2025	ALT3	EB	MD	HOT	0.42	0.54	9.73	1.23	3083	2099	0.0130	0.0121	0.0132	0.0007	0.0026	0.0101	0.0030	0.0010	0.0001	0.0016	0.0025
184	2025	ALT3	EB	MD	HOT	0.15	0.19	3.37	0.42	1066	726	0.0045	0.0042	0.0046	0.0002	0.0009	0.0035	0.0011	0.0003	0.0001	0.0005	0.0009
185	2025	ALT3	EB	MD	HOT	0.48	0.62	11.13	1.40	3525	2401	0.0149	0.0138	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
186	2025	ALT3	EB	MD	HOT	0.19	0.24	4.40	0.55	1392	948	0.0059	0.0054	0.0060	0.0003	0.0012	0.0045	0.0014	0.0005	0.0001	0.0007	0.0011
187	2025	ALT3	EB	MD	HOT	0.30	0.38	6.95	0.88	2202	1500	0.0093	0.0086	0.0094	0.0005	0.0018	0.0072	0.0022	0.0007	0.0001	0.0011	0.0018
188	2025	ALT3	EB	MD	HOT	0.13	0.17	3.03	0.38	960	654	0.0041	0.0038	0.0041	0.0002	0.0008	0.0031	0.0009	0.0003	0.0000	0.0005	0.0008
189	2025	ALT3	EB	MD	HOT	0.39	0.49	8.93	1.13	2829	1927	0.0119	0.0111	0.0121	0.0006	0.0024	0.0092	0.0028	0.0009	0.0001	0.0014	0.0023
190	2025	ALT3	EB	MD	HOT	0.02	0.03	0.47	0.06	150	102	0.0006	0.0006	0.0006	0.0000	0.0001	0.0005	0.0001	0.0000	0.0000	0.0001	0.0001
191	2025	ALT3	EB	MD	HOT	0.46	0.59	10.69	1.35	3379	2301	0.0143	0.0132	0.0144	0.0008	0.0028	0.0110	0.0033	0.0011	0.0002	0.0017	0.0028
192	2025	ALT3	EB	MD	HOT	0.04	0.05	0.85	0.11	270	184	0.0011	0.0011	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
193	2025	ALT3	EB	MD	HOT	0.72	0.92	16.62	2.10	5254	3578	0.0222	0.0205	0.0225	0.0012	0.0044	0.0171	0.0052	0.0017	0.0002	0.0027	0.0043
194	2025	ALT3	EB	MD	HOT	0.08	0.11	1.93	0.24	611	416	0.0026	0.0024	0.0026	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0005
195	2025	ALT3	EB	MD	HOT	0.10	0.13	2.29	0.29	722	492	0.0030	0.0028	0.0031	0.0002	0.0006	0.0023	0.0007	0.0002	0.0000	0.0004	0.0006
196	2025	ALT3	EB	MD	HOT	0.08	0.11	1.92	0.24	606	413	0.0026	0.0024	0.0026	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0005
197	2025	ALT3	EB	MD	HOT	0.48	0.61	11.14	1.41	3523	2399	0.0149	0.0138	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
198	2025	ALT3	EB	MD	HOT	0.22	0.27	4.99	0.63	1576	1073	0.0067	0.0062	0.0067	0.0004	0.0013	0.0051	0.0015	0.0005	0.0001	0.0008	0.0013
199	2025	ALT3	EB	MD	HOT	0.34	0.43	7.87	0.99	2473	1684	0.0104	0.0097	0.0105	0.0006	0.0020	0.0080	0.0024	0.0008	0.0001	0.0013	0.0020
200	2025	ALT3	EB	MD	HOT	0.17	0.22	4.05	0.51	1273	867	0.0054	0.0050	0.0054	0.0003	0.0010	0.0041	0.0012	0.0004	0.0001	0.0007	0.0011
201	2025	ALT3	EB	MD	HOT	0.66	0.84	15.39	1.94	4837	3294	0.0204	0.0189	0.0205	0.0011	0.0040	0.0156	0.0047	0.0016	0.0002	0.0025	0.0040
202	2025	ALT3	EB	MD	HOT	0.15	0.19	3.57	0.45	1123	765	0.0047	0.0044	0.0048	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0009
203	2025	ALT3	EB	MD	HOT	0.70	0.89	16.38	2.07	5149	3507	0.0217	0.0201	0.0218	0.0012	0.0042	0.0166	0.0050	0.0017	0.0002	0.0026	0.0043
204	2025	ALT3	EB	MD	HOT	0.07	0.08	1.51	0.19	479	326	0.0020	0.0019	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
205	2025	ALT3	EB	MD	HOT	0.15	0.19	3.37	0.43	1067	727	0.0045	0.0042	0.0046	0.0002	0.0009	0.0035	0.0011	0.0003	0.0001	0.0005	0.0009

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
206	2025	ALT3	EB	MD	HOT	0.07	0.08	1.52	0.19	481	328	0.0020	0.0019	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
207	2025	ALT3	EB	MD	HOT	0.24	0.31	5.54	0.70	1753	1194	0.0074	0.0069	0.0075	0.0004	0.0015	0.0057	0.0017	0.0006	0.0001	0.0009	0.0014
208	2025	ALT3	EB	MD	HOT	0.07	0.09	1.71	0.22	541	368	0.0023	0.0021	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0004
209	2025	ALT3	EB	MD	HOT	0.02	0.02	0.44	0.05	138	94	0.0006	0.0005	0.0006	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
210	2025	ALT3	EB	MD	HOT	0.17	0.22	4.00	0.51	1262	859	0.0053	0.0049	0.0054	0.0003	0.0010	0.0041	0.0012	0.0004	0.0001	0.0006	0.0010
211	2025	ALT3	EB	MD	HOT	0.12	0.15	2.76	0.35	871	593	0.0037	0.0034	0.0037	0.0002	0.0007	0.0028	0.0009	0.0003	0.0000	0.0004	0.0007
212	2025	ALT3	EB	MD	HOT	0.32	0.40	7.39	0.93	2330	1587	0.0098	0.0091	0.0099	0.0005	0.0019	0.0075	0.0023	0.0008	0.0001	0.0012	0.0019
213	2025	ALT3	EB	MD	HOT	0.18	0.23	4.26	0.54	1341	913	0.0057	0.0052	0.0057	0.0003	0.0011	0.0043	0.0013	0.0004	0.0001	0.0007	0.0011
214	2025	ALT3	EB	MD	HOV																	
215	2025	ALT3	EB	MD	HOV																	
1	2025	ALT3	EB	PM	Mainline	1.04	1.36	28.74	5.51	9300	6778	0.0985	0.0908	0.0310	0.0014	0.0233	0.0564	0.0064	0.0028	0.0007	0.0675	0.2587
2	2025	ALT3	EB	PM	Mainline	2.42	3.11	65.67	13.43	21808	15965	0.2603	0.2399	0.0720	0.0032	0.0524	0.1279	0.0149	0.0061	0.0016	0.1939	0.5742
3	2025	ALT3	EB	PM	Mainline	0.11	0.15	2.98	0.62	1014	740	0.0128	0.0118	0.0034	0.0002	0.0022	0.0056	0.0007	0.0003	0.0001	0.0098	0.0232
4	2025	ALT3	EB	PM	Mainline	2.08	2.67	56.17	11.56	18696	13705	0.2239	0.2065	0.0616	0.0028	0.0459	0.1115	0.0127	0.0052	0.0014	0.1671	0.5065
5	2025	ALT3	EB	PM	Mainline	0.82	1.05	21.53	4.43	7289	5322	0.0917	0.0845	0.0245	0.0011	0.0161	0.0402	0.0051	0.0020	0.0006	0.0701	0.1699
6	2025	ALT3	EB	PM	Mainline	1.23	1.57	32.28	6.88	11029	8099	0.1427	0.1316	0.0365	0.0017	0.0264	0.0645	0.0076	0.0030	0.0009	0.1104	0.2877
7	2025	ALT3	EB	PM	Mainline	2.07	2.69	55.46	11.00	18312	13408	0.1980	0.1826	0.0612	0.0027	0.0495	0.1182	0.0124	0.0056	0.0013	0.1365	0.5625
8	2025	ALT3	EB	PM	Mainline	2.31	2.95	60.65	13.18	20781	15319	0.2701	0.2490	0.0682	0.0030	0.0527	0.1269	0.0140	0.0056	0.0016	0.2094	0.5864
9	2025	ALT3	EB	PM	Mainline	2.02	2.61	54.76	11.21	18156	13341	0.2096	0.1933	0.0597	0.0026	0.0483	0.1152	0.0122	0.0052	0.0014	0.1527	0.5469
10	2025	ALT3	EB	PM	Mainline	0.59	0.75	14.91	3.36	5255	3881	0.0740	0.0682	0.0173	0.0008	0.0130	0.0315	0.0036	0.0014	0.0004	0.0592	0.1428
11	2025	ALT3	EB	PM	Mainline	1.20	1.54	32.13	6.84	10858	7995	0.1353	0.1248	0.0356	0.0016	0.0279	0.0669	0.0073	0.0030	0.0008	0.1029	0.3117
12	2025	ALT3	EB	PM	Mainline	0.85	1.08	22.04	4.79	7605	5597	0.1011	0.0932	0.0251	0.0011	0.0185	0.0451	0.0052	0.0020	0.0006	0.0791	0.2029
13	2025	ALT3	EB	PM	Mainline	0.81	1.02	19.35	4.20	6899	5034	0.0956	0.0881	0.0242	0.0011	0.0145	0.0370	0.0052	0.0019	0.0006	0.0755	0.1459
14	2025	ALT3	EB	PM	Mainline	1.24	1.58	30.83	6.77	10878	7978	0.1509	0.1390	0.0370	0.0017	0.0246	0.0611	0.0078	0.0029	0.0009	0.1196	0.2583
15	2025	ALT3	EB	PM	Mainline	1.58	2.04	43.18	8.71	14244	10410	0.1668	0.1538	0.0471	0.0021	0.0338	0.0827	0.0098	0.0040	0.0011	0.1230	0.3683
16	2025	ALT3	EB	PM	Mainline	0.98	1.27	27.15	5.24	8772	6397	0.0949	0.0875	0.0291	0.0013	0.0215	0.0522	0.0060	0.0026	0.0006	0.0665	0.2372
17	2025	ALT3	EB	PM	Mainline	1.85	2.42	49.45	9.47	16223	11825	0.1670	0.1541	0.0549	0.0024	0.0428	0.1030	0.0112	0.0052	0.0012	0.1099	0.4828
18	2025	ALT3	EB	PM	Mainline	1.41	1.83	39.42	7.31	12573	9125	0.1286	0.1187	0.0420	0.0019	0.0298	0.0732	0.0087	0.0038	0.0009	0.0862	0.3263
19	2025	ALT3	EB	PM	Mainline	1.01	1.30	27.75	5.31	8994	6519	0.0997	0.0920	0.0302	0.0014	0.0192	0.0483	0.0064	0.0026	0.0007	0.0715	0.2003
20	2025	ALT3	EB	PM	Mainline	2.27	2.95	64.33	11.84	20383	14767	0.2093	0.1931	0.0680	0.0031	0.0461	0.1143	0.0142	0.0061	0.0014	0.1419	0.4955
21	2025	ALT3	EB	PM	Mainline	0.24	0.30	6.53	1.23	2105	1522	0.0229	0.0211	0.0071	0.0003	0.0043	0.0110	0.0015	0.0006	0.0002	0.0162	0.0443
22	2025	ALT3	EB	PM	Mainline	0.90	1.15	23.36	4.48	7802	5621	0.0897	0.0827	0.0273	0.0013	0.0147	0.0386	0.0059	0.0022	0.0006	0.0656	0.1413
23	2025	ALT3	EB	PM	Mainline	0.94	1.20	24.44	4.74	8174	5901	0.0954	0.0879	0.0285	0.0014	0.0158	0.0411	0.0061	0.0023	0.0006	0.0702	0.1542
24	2025	ALT3	EB	PM	Mainline	0.79	1.03	23.00	3.99	7112	5113	0.0677	0.0625	0.0239	0.0011	0.0147	0.0373	0.0050	0.0022	0.0005	0.0435	0.1528
25	2025	ALT3	EB	PM	Mainline	0.52	0.67	14.22	2.59	4581	3289	0.0485	0.0447	0.0158	0.0008	0.0084	0.0222	0.0034	0.0013	0.0003	0.0340	0.0812
26	2025	ALT3	EB	PM	Mainline	4.58	5.86	121.66	22.11	39566	28341	0.4178	0.3854	0.1389	0.0068	0.0700	0.1874	0.0301	0.0114	0.0028	0.2922	0.6533
27	2025	ALT3	EB	PM	Mainline	3.80	4.83	92.12	17.16	31300	22364	0.3468	0.3198	0.1157	0.0057	0.0525	0.1449	0.0254	0.0090	0.0023	0.2479	0.4559
28	2025	ALT3	EB	PM	Mainline	2.16	2.76	56.13	10.15	18389	13137	0.1924	0.1775	0.0657	0.0032	0.0312	0.0850	0.0143	0.0053	0.0013	0.1337	0.2811
29	2025	ALT3	EB	PM	Mainline	1.46	1.86	36.97	6.67	12234	8717	0.1271	0.1172	0.0445	0.0022	0.0199	0.0553	0.0098	0.0036	0.0009	0.0878	0.1724
30	2025	ALT3	EB	PM	Mainline	2.26	2.91	61.98	10.88	19729	14095	0.1974	0.1821	0.0687	0.0034	0.0341	0.0917	0.0149	0.0058	0.0014	0.1338	0.3161
31	2025	ALT3	EB	PM	Mainline	1.84	2.34	45.61	8.27	15247	10863	0.1606	0.1481	0.0562	0.0028	0.0248	0.0690	0.0123	0.0044	0.0011	0.1118	0.2115
32	2025	ALT3	EB	PM	Mainline	1.90	2.43	49.62	9.04	16273	11640	0.1724	0.1590	0.0579	0.0028	0.0281	0.0761	0.0126	0.0047	0.0012	0.1206	0.2563
33	2025	ALT3	EB	PM	Mainline	1.76	2.25	46.05	8.30	15037	10741	0.1564	0.1443	0.0536	0.0026	0.0255	0.0695	0.0117	0.0044	0.0011	0.1083	0.2305
34	2025	ALT3	EB	PM	Mainline	2.02	2.57	51.84	9.72	17223	12360	0.1910	0.1762	0.0611	0.0030	0.0308	0.0825	0.0133	0.0049	0.0013	0.1370	0.2873
35	2025	ALT3	EB	PM	Mainline	1.13	1.43	27.90	5.15	9370	6692	0.1017	0.0938	0.0343	0.0017	0.0157	0.0432	0.0075	0.0027	0.0007	0.0719	0.1373
36	2025	ALT3	EB	PM	Mainline	1.36	1.73	34.25	6.26	11378	8121	0.1206	0.1113	0.0413	0.0020	0.0189	0.0521	0.0090	0.0033	0.0008	0.0843	0.1659
37	2025	ALT3	EB	PM	Mainline	1.83	2.33	46.13	8.43	15325	10938	0.1625	0.1499	0.0556	0.0027	0.0255	0.0702	0.0122	0.0044	0.0011	0.1136	0.2235
38	2025	ALT3	EB	PM	Mainline	2.66	3.39	67.85	12.65	22564	16170	0.2479	0.2286	0.0806	0.0039	0.0396	0.1068	0.0175	0.0065	0.0016	0.1768	0.3630

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
39	2025	ALT3	EB	PM	Mainline	2.86	3.64	69.62	12.92	23592	16850	0.2594	0.2392	0.0871	0.0043	0.0394	0.1089	0.0191	0.0068	0.0017	0.1846	0.3415
40	2025	ALT3	EB	PM	Mainline	1.94	2.46	45.41	8.60	15724	11244	0.1807	0.1666	0.0590	0.0029	0.0265	0.0734	0.0130	0.0045	0.0012	0.1313	0.2276
41	2025	ALT3	EB	PM	Mainline	0.71	0.91	17.31	3.19	5864	4184	0.0638	0.0589	0.0218	0.0011	0.0097	0.0269	0.0048	0.0017	0.0004	0.0452	0.0828
42	2025	ALT3	EB	PM	Mainline	2.07	2.64	53.07	9.82	17583	12590	0.1908	0.1760	0.0628	0.0031	0.0306	0.0827	0.0137	0.0051	0.0013	0.1353	0.2794
43	2025	ALT3	EB	PM	Mainline	0.84	1.07	22.22	4.00	7208	5155	0.0750	0.0692	0.0254	0.0012	0.0125	0.0337	0.0055	0.0021	0.0005	0.0520	0.1154
44	2025	ALT3	EB	PM	Mainline	1.28	1.63	32.50	6.05	10824	7750	0.1184	0.1092	0.0388	0.0019	0.0188	0.0509	0.0085	0.0031	0.0008	0.0843	0.1704
45	2025	ALT3	EB	PM	Mainline	0.57	0.73	15.11	2.73	4922	3520	0.0515	0.0475	0.0174	0.0009	0.0085	0.0230	0.0038	0.0014	0.0003	0.0358	0.0780
46	2025	ALT3	EB	PM	Mainline	1.65	2.10	42.14	7.77	13965	9990	0.1505	0.1388	0.0501	0.0025	0.0240	0.0652	0.0109	0.0040	0.0010	0.1062	0.2166
47	2025	ALT3	EB	PM	Mainline	0.10	0.13	2.41	0.44	815	581	0.0088	0.0081	0.0030	0.0002	0.0013	0.0037	0.0007	0.0002	0.0001	0.0062	0.0112
48	2025	ALT3	EB	PM	Mainline	2.06	2.61	48.17	9.04	16651	11892	0.1886	0.1739	0.0627	0.0031	0.0276	0.0770	0.0138	0.0048	0.0012	0.1361	0.2345
49	2025	ALT3	EB	PM	Mainline	0.16	0.21	4.01	0.74	1356	968	0.0148	0.0136	0.0050	0.0002	0.0023	0.0062	0.0011	0.0004	0.0001	0.0105	0.0194
50	2025	ALT3	EB	PM	Mainline	2.53	3.21	60.06	11.59	20790	14911	0.2451	0.2260	0.0769	0.0038	0.0363	0.0990	0.0168	0.0059	0.0016	0.1805	0.3231
51	2025	ALT3	EB	PM	Mainline	0.39	0.50	10.24	1.83	3336	2379	0.0341	0.0314	0.0119	0.0006	0.0055	0.0152	0.0026	0.0010	0.0002	0.0234	0.0492
52	2025	ALT3	EB	PM	Mainline	0.54	0.69	14.34	2.52	4626	3296	0.0462	0.0426	0.0165	0.0008	0.0076	0.0209	0.0036	0.0014	0.0003	0.0312	0.0676
53	2025	ALT3	EB	PM	Mainline	0.40	0.52	11.28	1.96	3556	2541	0.0350	0.0322	0.0123	0.0006	0.0062	0.0166	0.0027	0.0010	0.0002	0.0234	0.0581
54	2025	ALT3	EB	PM	Mainline	2.26	2.95	66.79	11.02	20259	14469	0.1811	0.1671	0.0685	0.0033	0.0380	0.0994	0.0146	0.0064	0.0013	0.1104	0.3795
55	2025	ALT3	EB	PM	Mainline	1.05	1.36	29.62	5.04	9253	6594	0.0879	0.0811	0.0320	0.0016	0.0157	0.0424	0.0070	0.0027	0.0006	0.0575	0.1448
56	2025	ALT3	EB	PM	Mainline	1.40	1.82	40.97	6.85	12502	8929	0.1139	0.1051	0.0424	0.0020	0.0230	0.0605	0.0091	0.0039	0.0008	0.0710	0.2268
57	2025	ALT3	EB	PM	Mainline	0.85	1.08	20.85	3.73	6979	4960	0.0719	0.0663	0.0260	0.0013	0.0110	0.0311	0.0057	0.0020	0.0005	0.0494	0.0909
58	2025	ALT3	EB	PM	Mainline	2.79	3.57	72.51	12.91	23654	16856	0.2407	0.2221	0.0850	0.0042	0.0389	0.1072	0.0186	0.0069	0.0016	0.1646	0.3420
59	2025	ALT3	EB	PM	Mainline	0.75	0.96	18.93	3.32	6228	4420	0.0616	0.0569	0.0230	0.0011	0.0096	0.0273	0.0051	0.0018	0.0004	0.0414	0.0796
60	2025	ALT3	EB	PM	Mainline	2.98	3.84	82.55	13.95	25920	18422	0.2433	0.2245	0.0910	0.0045	0.0418	0.1152	0.0199	0.0077	0.0017	0.1582	0.3713
61	2025	ALT3	EB	PM	Mainline	0.72	0.93	19.73	3.24	6172	4365	0.0550	0.0507	0.0220	0.0011	0.0093	0.0263	0.0049	0.0019	0.0004	0.0344	0.0773
62	2025	ALT3	EB	PM	Mainline	1.60	2.04	40.53	6.90	13192	9327	0.1236	0.1140	0.0489	0.0025	0.0195	0.0562	0.0108	0.0039	0.0009	0.0801	0.1543
63	2025	ALT3	EB	PM	Mainline	0.61	0.78	14.92	2.66	4990	3545	0.0511	0.0471	0.0186	0.0009	0.0078	0.0221	0.0041	0.0015	0.0003	0.0349	0.0643
64	2025	ALT3	EB	PM	Mainline	1.94	2.48	48.68	8.76	16163	11508	0.1675	0.1545	0.0593	0.0029	0.0261	0.0727	0.0130	0.0047	0.0011	0.1156	0.2225
65	2025	ALT3	EB	PM	Mainline	0.62	0.80	16.35	2.84	5271	3746	0.0514	0.0474	0.0190	0.0009	0.0084	0.0233	0.0042	0.0016	0.0004	0.0342	0.0719
66	2025	ALT3	EB	PM	Mainline	0.19	0.25	5.18	0.94	1679	1204	0.0177	0.0163	0.0059	0.0003	0.0030	0.0080	0.0013	0.0005	0.0001	0.0124	0.0284
67	2025	ALT3	EB	PM	Mainline	1.44	1.85	39.58	7.29	12743	9177	0.1365	0.1258	0.0435	0.0021	0.0246	0.0639	0.0093	0.0037	0.0009	0.0962	0.2447
68	2025	ALT3	EB	PM	Mainline	1.02	1.32	28.80	5.19	9104	6550	0.0930	0.0858	0.0308	0.0015	0.0178	0.0460	0.0066	0.0027	0.0006	0.0635	0.1794
69	2025	ALT3	EB	PM	Mainline	2.58	3.30	67.58	12.98	22452	16200	0.2581	0.2380	0.0779	0.0037	0.0432	0.1126	0.0167	0.0063	0.0017	0.1887	0.4231
70	2025	ALT3	EB	PM	Mainline	1.61	2.04	39.29	7.71	13492	9712	0.1615	0.1489	0.0487	0.0024	0.0247	0.0659	0.0106	0.0038	0.0010	0.1200	0.2293
71	2025	ALT3	EB	PM	Mainline	2.31	2.95	59.21	11.15	19725	14161	0.2204	0.2032	0.0700	0.0034	0.0355	0.0948	0.0152	0.0056	0.0014	0.1586	0.3306
72	2025	ALT3	EB	PM	Mainline	2.31	2.93	57.05	10.69	19249	13775	0.2139	0.1973	0.0701	0.0034	0.0330	0.0901	0.0153	0.0055	0.0014	0.1533	0.2935
73	2025	ALT3	EB	PM	Ramp	0.09	0.13	1.94	0.23	702	482	0.0052	0.0048	0.0029	0.0002	0.0008	0.0027	0.0006	0.0004	0.0001	0.0008	0.0055
74	2025	ALT3	EB	PM	Ramp	0.14	0.20	1.86	0.33	848	598	0.0083	0.0077	0.0043	0.0002	0.0034	0.0083	0.0009	0.0005	0.0001	0.0024	0.0399
75	2025	ALT3	EB	PM	Ramp	0.09	0.13	1.61	0.21	637	441	0.0052	0.0049	0.0028	0.0001	0.0012	0.0034	0.0006	0.0004	0.0001	0.0011	0.0112
76	2025	ALT3	EB	PM	Ramp	0.23	0.32	2.95	0.48	1388	971	0.0134	0.0124	0.0071	0.0003	0.0049	0.0121	0.0015	0.0009	0.0001	0.0030	0.0545
77	2025	ALT3	EB	PM	Ramp	0.19	0.27	2.63	0.36	1221	840	0.0111	0.0103	0.0060	0.0003	0.0023	0.0069	0.0013	0.0009	0.0001	0.0014	0.0212
78	2025	ALT3	EB	PM	Ramp	0.18	0.25	2.02	0.38	999	706	0.0103	0.0095	0.0054	0.0002	0.0050	0.0116	0.0011	0.0007	0.0001	0.0028	0.0594
79	2025	ALT3	EB	PM	Ramp	0.24	0.35	2.89	0.39	1491	1024	0.0145	0.0134	0.0077	0.0004	0.0030	0.0088	0.0016	0.0011	0.0002	0.0015	0.0274
80	2025	ALT3	EB	PM	Ramp	0.23	0.33	3.91	0.56	1602	1114	0.0138	0.0128	0.0073	0.0004	0.0037	0.0100	0.0015	0.0009	0.0001	0.0031	0.0377
81	2025	ALT3	EB	PM	Ramp	0.31	0.44	7.07	0.91	2482	1719	0.0188	0.0174	0.0099	0.0005	0.0034	0.0106	0.0022	0.0013	0.0002	0.0044	0.0277
82	2025	ALT3	EB	PM	Ramp	0.14	0.19	2.88	0.37	1042	720	0.0080	0.0074	0.0043	0.0002	0.0015	0.0047	0.0009	0.0006	0.0001	0.0017	0.0127
83	2025	ALT3	EB	PM	Ramp	0.03	0.04	0.67	0.13	230	167	0.0023	0.0021	0.0008	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0013	0.0069
84	2025	ALT3	EB	PM	Ramp	0.07	0.10	2.06	0.26	631	438	0.0043	0.0040	0.0023	0.0001	0.0008	0.0025	0.0005	0.0003	0.0000	0.0013	0.0064
85	2025	ALT3	EB	PM	Ramp	0.13	0.17	3.63	0.51	1094	767	0.0080	0.0074	0.0039	0.0002	0.0017	0.0048	0.0008	0.0004	0.0001	0.0033	0.0155
86	2025	ALT3	EB	PM	Ramp	0.31	0.43	5.79	0.83	2237	1563	0.0189	0.0175	0.0096	0.0005	0.0050	0.0134	0.0020	0.0012	0.0002	0.0053	0.0509

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
87	2025	ALT3	EB	PM	Ramp	0.10	0.14	1.86	0.24	716	496	0.0058	0.0054	0.0031	0.0002	0.0013	0.0037	0.0007	0.0004	0.0001	0.0012	0.0119
88	2025	ALT3	EB	PM	Ramp	0.09	0.13	2.13	0.35	759	540	0.0068	0.0063	0.0029	0.0001	0.0017	0.0043	0.0006	0.0003	0.0001	0.0031	0.0175
89	2025	ALT3	EB	PM	Ramp	0.05	0.07	0.98	0.13	381	264	0.0031	0.0029	0.0017	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0007	0.0070
90	2025	ALT3	EB	PM	Ramp	0.26	0.36	3.61	0.57	1617	1129	0.0151	0.0140	0.0079	0.0004	0.0050	0.0127	0.0016	0.0010	0.0002	0.0035	0.0547
91	2025	ALT3	EB	PM	Ramp	0.10	0.13	2.16	0.40	776	561	0.0076	0.0071	0.0029	0.0001	0.0021	0.0051	0.0006	0.0003	0.0001	0.0042	0.0233
92	2025	ALT3	EB	PM	Ramp	0.25	0.35	3.11	0.48	1511	1049	0.0146	0.0135	0.0078	0.0004	0.0046	0.0118	0.0016	0.0011	0.0002	0.0026	0.0490
93	2025	ALT3	EB	PM	Ramp	1.64	2.21	38.80	7.12	13578	9799	0.1309	0.1209	0.0496	0.0022	0.0354	0.0871	0.0102	0.0053	0.0010	0.0719	0.3945
94	2025	ALT3	EB	PM	Ramp	0.74	1.02	13.66	2.22	5328	3770	0.0483	0.0446	0.0228	0.0010	0.0149	0.0374	0.0047	0.0027	0.0005	0.0178	0.1628
95	2025	ALT3	EB	PM	Ramp	0.25	0.35	3.57	0.54	1600	1114	0.0148	0.0137	0.0078	0.0004	0.0045	0.0118	0.0016	0.0010	0.0002	0.0031	0.0481
96	2025	ALT3	EB	PM	Ramp	0.13	0.17	4.04	0.54	1163	812	0.0080	0.0074	0.0040	0.0002	0.0016	0.0046	0.0009	0.0004	0.0001	0.0032	0.0133
97	2025	ALT3	EB	PM	Ramp	0.06	0.08	1.36	0.29	497	366	0.0055	0.0051	0.0018	0.0001	0.0016	0.0038	0.0004	0.0002	0.0000	0.0036	0.0191
98	2025	ALT3	EB	PM	Ramp	0.08	0.11	2.24	0.33	712	502	0.0057	0.0052	0.0026	0.0001	0.0013	0.0035	0.0006	0.0003	0.0001	0.0024	0.0125
99	2025	ALT3	EB	PM	Ramp	0.15	0.20	3.81	0.57	1237	873	0.0099	0.0092	0.0045	0.0002	0.0022	0.0061	0.0010	0.0005	0.0001	0.0042	0.0220
100	2025	ALT3	EB	PM	Ramp	0.18	0.25	4.97	0.68	1553	1086	0.0115	0.0106	0.0056	0.0003	0.0024	0.0068	0.0012	0.0006	0.0001	0.0042	0.0211
101	2025	ALT3	EB	PM	Ramp	0.11	0.15	3.20	0.44	948	664	0.0067	0.0062	0.0033	0.0002	0.0014	0.0040	0.0007	0.0004	0.0001	0.0027	0.0122
102	2025	ALT3	EB	PM	Ramp	0.07	0.09	1.92	0.26	582	407	0.0042	0.0039	0.0021	0.0001	0.0009	0.0025	0.0005	0.0002	0.0000	0.0015	0.0075
103	2025	ALT3	EB	PM	Ramp	0.05	0.07	1.56	0.19	449	311	0.0028	0.0026	0.0016	0.0001	0.0005	0.0016	0.0004	0.0002	0.0000	0.0008	0.0034
104	2025	ALT3	EB	PM	Ramp	0.11	0.15	2.35	0.31	840	583	0.0065	0.0060	0.0034	0.0002	0.0013	0.0038	0.0007	0.0004	0.0001	0.0016	0.0110
105	2025	ALT3	EB	PM	Ramp	0.18	0.26	3.35	0.45	1318	914	0.0109	0.0101	0.0058	0.0003	0.0026	0.0073	0.0012	0.0008	0.0001	0.0024	0.0247
106	2025	ALT3	EB	PM	Ramp	0.04	0.05	0.51	0.07	245	168	0.0023	0.0021	0.0012	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0002	0.0036
107	2025	ALT3	EB	PM	Ramp																	
108	2025	ALT3	EB	PM	Ramp																	
109	2025	ALT3	EB	PM	Ramp	0.14	0.19	3.43	0.44	1148	796	0.0085	0.0078	0.0044	0.0002	0.0015	0.0047	0.0010	0.0006	0.0001	0.0022	0.0119
110	2025	ALT3	EB	PM	Ramp	0.22	0.30	4.61	0.61	1670	1159	0.0131	0.0121	0.0068	0.0003	0.0027	0.0079	0.0015	0.0009	0.0001	0.0032	0.0238
111	2025	ALT3	EB	PM	Ramp	0.05	0.07	1.50	0.21	450	315	0.0033	0.0030	0.0016	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0013	0.0062
112	2025	ALT3	EB	PM	Ramp	0.20	0.28	4.16	0.52	1512	1044	0.0115	0.0107	0.0063	0.0003	0.0021	0.0066	0.0014	0.0008	0.0001	0.0023	0.0172
113	2025	ALT3	EB	PM	Ramp	0.12	0.17	2.73	0.33	953	657	0.0070	0.0064	0.0038	0.0002	0.0012	0.0037	0.0008	0.0005	0.0001	0.0013	0.0082
114	2025	ALT3	EB	PM	Ramp	0.12	0.17	2.51	0.31	927	639	0.0071	0.0066	0.0039	0.0002	0.0013	0.0040	0.0009	0.0005	0.0001	0.0013	0.0103
115	2025	ALT3	EB	PM	Ramp																	
116	2025	ALT3	EB	PM	Ramp	0.12	0.17	2.44	0.31	911	629	0.0071	0.0066	0.0039	0.0002	0.0014	0.0042	0.0008	0.0005	0.0001	0.0013	0.0115
117	2025	ALT3	EB	PM	Ramp	0.06	0.08	1.41	0.20	474	332	0.0037	0.0035	0.0018	0.0001	0.0008	0.0022	0.0004	0.0002	0.0000	0.0013	0.0073
118	2025	ALT3	EB	PM	Ramp	0.10	0.15	2.36	0.28	821	564	0.0058	0.0054	0.0033	0.0002	0.0009	0.0030	0.0007	0.0004	0.0001	0.0009	0.0055
119	2025	ALT3	EB	PM	Ramp	0.08	0.11	2.05	0.26	650	450	0.0045	0.0042	0.0024	0.0001	0.0008	0.0025	0.0005	0.0003	0.0000	0.0012	0.0061
120	2025	ALT3	EB	PM	Ramp	0.07	0.10	1.70	0.21	591	407	0.0043	0.0040	0.0024	0.0001	0.0007	0.0023	0.0005	0.0003	0.0000	0.0008	0.0049
121	2025	ALT3	EB	PM	Ramp	0.19	0.25	5.56	0.77	1642	1151	0.0118	0.0109	0.0057	0.0003	0.0025	0.0070	0.0012	0.0006	0.0001	0.0049	0.0220
122	2025	ALT3	EB	PM	Ramp	1.59	2.20	38.24	5.22	12977	9049	0.1001	0.0926	0.0499	0.0025	0.0195	0.0571	0.0108	0.0061	0.0010	0.0309	0.1688
123	2025	ALT3	EB	PM	Ramp	0.57	0.77	16.18	2.42	4982	3521	0.0393	0.0363	0.0176	0.0009	0.0089	0.0240	0.0038	0.0019	0.0003	0.0182	0.0875
124	2025	ALT3	EB	PM	Ramp	0.12	0.18	1.53	0.22	765	529	0.0074	0.0069	0.0039	0.0002	0.0020	0.0054	0.0008	0.0006	0.0001	0.0011	0.0208
125	2025	ALT3	EB	PM	Ramp	0.10	0.14	1.94	0.35	755	540	0.0073	0.0067	0.0031	0.0001	0.0023	0.0056	0.0006	0.0004	0.0001	0.0033	0.0260
126	2025	ALT3	EB	PM	Ramp	0.08	0.11	1.38	0.17	556	382	0.0045	0.0042	0.0025	0.0001	0.0008	0.0026	0.0005	0.0003	0.0001	0.0006	0.0068
127	2025	ALT3	EB	PM	Ramp	0.26	0.36	3.56	0.53	1627	1129	0.0150	0.0139	0.0080	0.0004	0.0043	0.0114	0.0017	0.0011	0.0002	0.0027	0.0442
128	2025	ALT3	EB	PM	Ramp	0.04	0.06	0.83	0.09	310	212	0.0023	0.0021	0.0013	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0012
129	2025	ALT3	EB	PM	Ramp	0.20	0.28	3.85	0.53	1457	1015	0.0120	0.0111	0.0062	0.0003	0.0029	0.0080	0.0013	0.0008	0.0001	0.0032	0.0279
130	2025	ALT3	EB	PM	Ramp	0.12	0.17	3.50	0.41	1045	719	0.0065	0.0061	0.0038	0.0002	0.0010	0.0035	0.0008	0.0005	0.0001	0.0014	0.0064
131	2025	ALT3	EB	PM	Ramp	0.18	0.25	4.23	0.64	1456	1026	0.0121	0.0112	0.0055	0.0003	0.0027	0.0073	0.0012	0.0007	0.0001	0.0047	0.0262
132	2025	ALT3	EB	PM	Ramp	0.10	0.13	2.84	0.33	844	579	0.0051	0.0048	0.0031	0.0002	0.0008	0.0027	0.0007	0.0004	0.0001	0.0009	0.0041
133	2025	ALT3	EB	PM	Ramp	0.24	0.34	5.17	0.70	1876	1305	0.0149	0.0138	0.0077	0.0004	0.0032	0.0092	0.0017	0.0010	0.0002	0.0040	0.0290
134	2025	ALT3	EB	PM	Ramp	0.73	1.01	21.35	2.55	6357	4381	0.0400	0.0371	0.0232	0.0012	0.0066	0.0219	0.0051	0.0027	0.0004	0.0091	0.0423

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
135	2025	ALT3	EB	PM	Ramp	0.25	0.36	4.77	0.66	1842	1283	0.0153	0.0142	0.0080	0.0004	0.0039	0.0106	0.0017	0.0010	0.0002	0.0039	0.0381
136	2025	ALT3	EB	PM	Ramp	0.06	0.09	1.17	0.14	466	319	0.0037	0.0034	0.0021	0.0001	0.0005	0.0019	0.0005	0.0003	0.0000	0.0004	0.0035
137	2025	ALT3	EB	PM	Ramp	1.20	1.59	27.14	5.82	9899	7282	0.1084	0.1000	0.0354	0.0015	0.0318	0.0746	0.0070	0.0035	0.0008	0.0697	0.3744
138	2025	ALT3	EB	PM	Ramp																	
139	2025	ALT3	EB	PM	Ramp	0.08	0.11	1.69	0.20	611	420	0.0045	0.0042	0.0025	0.0001	0.0007	0.0024	0.0006	0.0003	0.0001	0.0007	0.0052
140	2025	ALT3	EB	PM	Ramp	0.38	0.55	5.01	0.65	2460	1687	0.0230	0.0213	0.0123	0.0006	0.0043	0.0132	0.0027	0.0018	0.0003	0.0023	0.0366
141	2025	ALT3	EB	PM	Ramp	0.02	0.03	0.58	0.07	166	114	0.0010	0.0009	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0002	0.0007
142	2025	ALT3	EB	PM	Ramp	0.29	0.42	4.61	0.58	1998	1370	0.0170	0.0157	0.0093	0.0005	0.0029	0.0093	0.0020	0.0013	0.0002	0.0019	0.0221
143	2025	ALT3	EB	PM	Ramp	0.09	0.13	2.78	0.32	805	553	0.0048	0.0044	0.0029	0.0002	0.0007	0.0026	0.0006	0.0003	0.0001	0.0009	0.0040
144	2025	ALT3	EB	PM	HOT	0.31	0.40	10.02	1.16	2693	1834	0.0119	0.0110	0.0096	0.0005	0.0018	0.0073	0.0022	0.0009	0.0001	0.0012	0.0027
145	2025	ALT3	EB	PM	HOT	0.81	1.07	26.44	3.07	7110	4843	0.0314	0.0291	0.0254	0.0014	0.0048	0.0192	0.0058	0.0025	0.0004	0.0032	0.0072
146	2025	ALT3	EB	PM	HOT	0.03	0.05	1.14	0.13	307	209	0.0014	0.0013	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
147	2025	ALT3	EB	PM	HOT	0.68	0.90	22.36	2.60	6012	4095	0.0266	0.0246	0.0215	0.0011	0.0041	0.0163	0.0049	0.0021	0.0003	0.0027	0.0061
148	2025	ALT3	EB	PM	HOT	0.25	0.33	8.13	0.94	2186	1489	0.0097	0.0090	0.0078	0.0004	0.0015	0.0059	0.0018	0.0008	0.0001	0.0010	0.0022
149	2025	ALT3	EB	PM	HOT	0.41	0.54	13.40	1.56	3604	2455	0.0159	0.0148	0.0129	0.0007	0.0024	0.0097	0.0029	0.0013	0.0002	0.0016	0.0037
150	2025	ALT3	EB	PM	HOT	0.60	0.79	19.88	2.26	5307	3614	0.0239	0.0221	0.0188	0.0010	0.0035	0.0142	0.0043	0.0019	0.0003	0.0023	0.0055
151	2025	ALT3	EB	PM	HOT	0.80	1.07	26.84	3.05	7165	4880	0.0322	0.0299	0.0254	0.0014	0.0048	0.0192	0.0058	0.0026	0.0004	0.0031	0.0075
152	2025	ALT3	EB	PM	HOT	0.64	0.85	21.29	2.42	5683	3871	0.0256	0.0237	0.0202	0.0011	0.0038	0.0152	0.0046	0.0020	0.0003	0.0025	0.0059
153	2025	ALT3	EB	PM	HOT	0.21	0.28	6.20	0.76	1765	1202	0.0075	0.0070	0.0067	0.0004	0.0013	0.0051	0.0015	0.0006	0.0001	0.0008	0.0016
154	2025	ALT3	EB	PM	HOT	0.41	0.53	11.85	1.45	3376	2300	0.0143	0.0133	0.0128	0.0007	0.0025	0.0097	0.0029	0.0011	0.0002	0.0016	0.0031
155	2025	ALT3	EB	PM	HOT	0.30	0.39	8.81	1.08	2509	1709	0.0107	0.0099	0.0095	0.0005	0.0018	0.0072	0.0022	0.0008	0.0001	0.0012	0.0023
156	2025	ALT3	EB	PM	HOT	0.24	0.31	6.93	0.85	1974	1345	0.0084	0.0078	0.0075	0.0004	0.0014	0.0057	0.0017	0.0007	0.0001	0.0009	0.0018
157	2025	ALT3	EB	PM	HOT	0.42	0.54	12.19	1.49	3473	2366	0.0148	0.0137	0.0132	0.0007	0.0025	0.0100	0.0030	0.0012	0.0002	0.0017	0.0032
158	2025	ALT3	EB	PM	HOT	0.48	0.63	14.05	1.72	4003	2727	0.0170	0.0158	0.0152	0.0008	0.0029	0.0115	0.0035	0.0013	0.0002	0.0019	0.0037
159	2025	ALT3	EB	PM	HOT	0.28	0.36	8.04	0.98	2290	1560	0.0097	0.0090	0.0087	0.0005	0.0017	0.0066	0.0020	0.0008	0.0001	0.0011	0.0021
160	2025	ALT3	EB	PM	HOT	0.51	0.67	14.98	1.83	4268	2907	0.0181	0.0168	0.0162	0.0009	0.0031	0.0123	0.0037	0.0014	0.0002	0.0020	0.0039
161	2025	ALT3	EB	PM	HOT	0.30	0.39	8.92	1.09	2529	1723	0.0108	0.0100	0.0095	0.0005	0.0018	0.0072	0.0022	0.0008	0.0001	0.0012	0.0023
162	2025	ALT3	EB	PM	HOT	0.22	0.28	6.40	0.78	1816	1237	0.0077	0.0072	0.0068	0.0004	0.0013	0.0052	0.0016	0.0006	0.0001	0.0009	0.0017
163	2025	ALT3	EB	PM	HOT	0.52	0.67	15.15	1.85	4296	2926	0.0183	0.0169	0.0162	0.0009	0.0031	0.0123	0.0037	0.0014	0.0002	0.0020	0.0040
164	2025	ALT3	EB	PM	HOT	0.05	0.07	1.52	0.18	430	293	0.0018	0.0017	0.0016	0.0001	0.0003	0.0012	0.0004	0.0001	0.0000	0.0002	0.0004
165	2025	ALT3	EB	PM	HOT	0.24	0.31	7.10	0.86	2012	1370	0.0086	0.0079	0.0076	0.0004	0.0015	0.0058	0.0017	0.0007	0.0001	0.0010	0.0019
166	2025	ALT3	EB	PM	HOT	0.30	0.39	8.76	1.07	2485	1692	0.0106	0.0098	0.0094	0.0005	0.0018	0.0071	0.0021	0.0008	0.0001	0.0012	0.0023
167	2025	ALT3	EB	PM	HOT	0.21	0.27	6.19	0.75	1755	1195	0.0075	0.0069	0.0066	0.0004	0.0013	0.0050	0.0015	0.0006	0.0001	0.0008	0.0016
168	2025	ALT3	EB	PM	HOT	0.14	0.18	4.02	0.49	1140	777	0.0048	0.0045	0.0043	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0011
169	2025	ALT3	EB	PM	HOT	1.24	1.62	36.56	4.45	10366	7060	0.0441	0.0408	0.0391	0.0021	0.0075	0.0296	0.0089	0.0034	0.0005	0.0049	0.0096
170	2025	ALT3	EB	PM	HOT	0.90	1.17	26.42	3.22	7489	5101	0.0318	0.0295	0.0282	0.0015	0.0054	0.0214	0.0065	0.0025	0.0004	0.0036	0.0069
171	2025	ALT3	EB	PM	HOT	0.50	0.65	13.19	1.66	3943	2686	0.0167	0.0154	0.0157	0.0008	0.0030	0.0119	0.0036	0.0013	0.0002	0.0020	0.0034
172	2025	ALT3	EB	PM	HOT	0.29	0.38	7.72	0.97	2307	1572	0.0097	0.0090	0.0092	0.0005	0.0018	0.0070	0.0021	0.0008	0.0001	0.0012	0.0020
173	2025	ALT3	EB	PM	HOT	0.52	0.67	13.71	1.73	4099	2792	0.0173	0.0160	0.0163	0.0009	0.0032	0.0124	0.0038	0.0013	0.0002	0.0021	0.0036
174	2025	ALT3	EB	PM	HOT	0.37	0.47	9.70	1.22	2901	1976	0.0123	0.0114	0.0116	0.0006	0.0022	0.0088	0.0027	0.0010	0.0001	0.0015	0.0025
175	2025	ALT3	EB	PM	HOT	0.44	0.57	11.60	1.46	3468	2362	0.0146	0.0136	0.0138	0.0007	0.0027	0.0105	0.0032	0.0011	0.0002	0.0017	0.0030
176	2025	ALT3	EB	PM	HOT	0.39	0.50	10.14	1.28	3033	2066	0.0128	0.0119	0.0121	0.0006	0.0023	0.0092	0.0028	0.0010	0.0001	0.0015	0.0026
177	2025	ALT3	EB	PM	HOT	0.53	0.68	13.80	1.74	4126	2810	0.0174	0.0161	0.0164	0.0009	0.0032	0.0125	0.0038	0.0014	0.0002	0.0021	0.0036
178	2025	ALT3	EB	PM	HOT	0.25	0.33	6.70	0.84	2002	1364	0.0085	0.0078	0.0080	0.0004	0.0015	0.0061	0.0018	0.0007	0.0001	0.0010	0.0017
179	2025	ALT3	EB	PM	HOT	0.28	0.36	7.10	0.90	2160	1471	0.0091	0.0084	0.0088	0.0005	0.0017	0.0067	0.0020	0.0007	0.0001	0.0011	0.0019
180	2025	ALT3	EB	PM	HOT	0.38	0.48	9.57	1.21	2910	1982	0.0123	0.0114	0.0118	0.0006	0.0023	0.0090	0.0027	0.0010	0.0001	0.0015	0.0025
181	2025	ALT3	EB	PM	HOT	0.64	0.82	16.27	2.05	4948	3370	0.0209	0.0193	0.0201	0.0011	0.0039	0.0153	0.0046	0.0016	0.0002	0.0025	0.0042
182	2025	ALT3	EB	PM	HOT	0.60	0.77	15.25	1.93	4637	3158	0.0196	0.0181	0.0188	0.0010	0.0037	0.0143	0.0043	0.0015	0.0002	0.0023	0.0040

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
183	2025	ALT3	EB	PM	HOT	0.44	0.56	11.06	1.40	3363	2290	0.0142	0.0131	0.0137	0.0007	0.0026	0.0104	0.0031	0.0011	0.0002	0.0017	0.0029
184	2025	ALT3	EB	PM	HOT	0.15	0.19	3.83	0.48	1163	792	0.0049	0.0045	0.0047	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0010
185	2025	ALT3	EB	PM	HOT	0.50	0.64	12.65	1.60	3846	2619	0.0162	0.0150	0.0156	0.0008	0.0030	0.0119	0.0036	0.0013	0.0002	0.0019	0.0033
186	2025	ALT3	EB	PM	HOT	0.20	0.25	5.00	0.63	1519	1035	0.0064	0.0059	0.0062	0.0003	0.0012	0.0047	0.0014	0.0005	0.0001	0.0008	0.0013
187	2025	ALT3	EB	PM	HOT	0.31	0.40	7.90	1.00	2402	1636	0.0101	0.0094	0.0098	0.0005	0.0019	0.0074	0.0022	0.0008	0.0001	0.0012	0.0021
188	2025	ALT3	EB	PM	HOT	0.14	0.17	3.44	0.43	1047	713	0.0044	0.0041	0.0043	0.0002	0.0008	0.0032	0.0010	0.0003	0.0000	0.0005	0.0009
189	2025	ALT3	EB	PM	HOT	0.40	0.51	10.15	1.28	3086	2102	0.0130	0.0121	0.0125	0.0007	0.0024	0.0095	0.0029	0.0010	0.0001	0.0016	0.0026
190	2025	ALT3	EB	PM	HOT	0.02	0.03	0.54	0.07	164	111	0.0007	0.0006	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0001
191	2025	ALT3	EB	PM	HOT	0.51	0.65	13.48	1.70	4012	2733	0.0170	0.0157	0.0159	0.0009	0.0031	0.0121	0.0037	0.0013	0.0002	0.0020	0.0035
192	2025	ALT3	EB	PM	HOT	0.04	0.05	1.08	0.14	321	218	0.0014	0.0013	0.0013	0.0001	0.0002	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
193	2025	ALT3	EB	PM	HOT	0.79	1.02	20.96	2.64	6238	4249	0.0264	0.0244	0.0247	0.0013	0.0048	0.0188	0.0057	0.0020	0.0003	0.0031	0.0055
194	2025	ALT3	EB	PM	HOT	0.09	0.12	2.44	0.31	726	494	0.0031	0.0028	0.0029	0.0002	0.0006	0.0022	0.0007	0.0002	0.0000	0.0004	0.0006
195	2025	ALT3	EB	PM	HOT	0.11	0.14	2.88	0.36	858	584	0.0036	0.0034	0.0034	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0008
196	2025	ALT3	EB	PM	HOT	0.09	0.12	2.42	0.30	720	490	0.0030	0.0028	0.0029	0.0002	0.0006	0.0022	0.0007	0.0002	0.0000	0.0004	0.0006
197	2025	ALT3	EB	PM	HOT	0.53	0.68	14.05	1.77	4182	2849	0.0177	0.0164	0.0166	0.0009	0.0032	0.0126	0.0038	0.0014	0.0002	0.0021	0.0037
198	2025	ALT3	EB	PM	HOT	0.24	0.30	6.29	0.79	1871	1275	0.0079	0.0073	0.0074	0.0004	0.0014	0.0056	0.0017	0.0006	0.0001	0.0009	0.0016
199	2025	ALT3	EB	PM	HOT	0.34	0.44	9.02	1.14	2684	1828	0.0113	0.0105	0.0106	0.0006	0.0021	0.0081	0.0024	0.0009	0.0001	0.0013	0.0024
200	2025	ALT3	EB	PM	HOT	0.17	0.23	4.65	0.59	1382	941	0.0058	0.0054	0.0055	0.0003	0.0011	0.0042	0.0013	0.0005	0.0001	0.0007	0.0012
201	2025	ALT3	EB	PM	HOT	0.66	0.85	17.65	2.22	5249	3576	0.0222	0.0206	0.0208	0.0011	0.0040	0.0158	0.0048	0.0017	0.0003	0.0026	0.0046
202	2025	ALT3	EB	PM	HOT	0.15	0.20	4.10	0.52	1219	830	0.0052	0.0048	0.0048	0.0003	0.0009	0.0037	0.0011	0.0004	0.0001	0.0006	0.0011
203	2025	ALT3	EB	PM	HOT	0.71	0.91	18.79	2.37	5589	3807	0.0236	0.0219	0.0222	0.0012	0.0043	0.0168	0.0051	0.0018	0.0003	0.0028	0.0049
204	2025	ALT3	EB	PM	HOT	0.08	0.11	2.37	0.29	680	463	0.0029	0.0027	0.0026	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0006
205	2025	ALT3	EB	PM	HOT	0.18	0.24	5.28	0.65	1516	1032	0.0064	0.0060	0.0058	0.0003	0.0011	0.0044	0.0013	0.0005	0.0001	0.0007	0.0014
206	2025	ALT3	EB	PM	HOT	0.08	0.11	2.38	0.29	684	466	0.0029	0.0027	0.0026	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0006
207	2025	ALT3	EB	PM	HOT	0.30	0.39	8.67	1.07	2490	1696	0.0106	0.0098	0.0095	0.0005	0.0018	0.0072	0.0022	0.0008	0.0001	0.0012	0.0023
208	2025	ALT3	EB	PM	HOT	0.09	0.12	2.67	0.33	768	523	0.0033	0.0030	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0004	0.0007
209	2025	ALT3	EB	PM	HOT	0.02	0.03	0.68	0.08	196	133	0.0008	0.0008	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
210	2025	ALT3	EB	PM	HOT	0.21	0.28	6.37	0.77	1790	1219	0.0076	0.0071	0.0067	0.0004	0.0013	0.0051	0.0015	0.0006	0.0001	0.0008	0.0017
211	2025	ALT3	EB	PM	HOT	0.15	0.19	4.39	0.53	1235	841	0.0053	0.0049	0.0046	0.0002	0.0009	0.0035	0.0011	0.0004	0.0001	0.0006	0.0012
212	2025	ALT3	EB	PM	HOT	0.39	0.51	11.76	1.42	3305	2251	0.0141	0.0130	0.0123	0.0007	0.0024	0.0094	0.0028	0.0011	0.0002	0.0016	0.0031
213	2025	ALT3	EB	PM	HOT	0.23	0.29	6.77	0.82	1902	1296	0.0081	0.0075	0.0071	0.0004	0.0014	0.0054	0.0016	0.0006	0.0001	0.0009	0.0018
214	2025	ALT3	EB	PM	HOV																	
215	2025	ALT3	EB	PM	HOV																	
1	2025	ALT3	EB	NT	Mainline	1.17	1.43	21.26	9.17	10691	8458	0.3226	0.2970	0.0330	0.0013	0.0379	0.0848	0.0064	0.0022	0.0015	0.3026	0.4577
2	2025	ALT3	EB	NT	Mainline	2.96	3.62	53.18	23.90	27317	21717	0.8521	0.7843	0.0832	0.0032	0.0994	0.2211	0.0159	0.0054	0.0040	0.8025	1.2082
3	2025	ALT3	EB	NT	Mainline	0.13	0.16	2.42	1.06	1225	970	0.0377	0.0347	0.0038	0.0001	0.0043	0.0097	0.0007	0.0002	0.0002	0.0354	0.0523
4	2025	ALT3	EB	NT	Mainline	2.40	2.93	42.65	20.02	22412	17910	0.7231	0.6656	0.0672	0.0025	0.0838	0.1851	0.0127	0.0043	0.0034	0.6840	1.0252
5	2025	ALT3	EB	NT	Mainline	0.95	1.16	17.09	7.50	8671	6867	0.2677	0.2464	0.0268	0.0010	0.0308	0.0689	0.0052	0.0017	0.0013	0.2515	0.3711
6	2025	ALT3	EB	NT	Mainline	1.43	1.75	25.35	12.02	13392	10712	0.4368	0.4021	0.0401	0.0015	0.0502	0.1108	0.0076	0.0026	0.0021	0.4136	0.6143
7	2025	ALT3	EB	NT	Mainline	2.14	2.63	38.82	17.11	19739	15656	0.6061	0.5579	0.0605	0.0023	0.0710	0.1583	0.0116	0.0039	0.0029	0.5697	0.8602
8	2025	ALT3	EB	NT	Mainline	2.53	3.08	43.84	22.39	24108	19461	0.8276	0.7617	0.0701	0.0025	0.0947	0.2070	0.0130	0.0044	0.0039	0.7887	1.1742
9	2025	ALT3	EB	NT	Mainline	2.13	2.59	37.51	17.99	19940	15977	0.6538	0.6018	0.0593	0.0022	0.0755	0.1664	0.0112	0.0038	0.0031	0.6197	0.9277
10	2025	ALT3	EB	NT	Mainline	0.65	0.80	11.26	5.88	6270	5075	0.2188	0.2014	0.0181	0.0006	0.0249	0.0544	0.0033	0.0011	0.0010	0.2089	0.3103
11	2025	ALT3	EB	NT	Mainline	1.34	1.64	23.63	11.38	12592	10094	0.4144	0.3814	0.0374	0.0014	0.0478	0.1052	0.0070	0.0024	0.0019	0.3929	0.5872
12	2025	ALT3	EB	NT	Mainline	0.94	1.14	16.36	8.12	8855	7123	0.2982	0.2745	0.0261	0.0009	0.0342	0.0749	0.0049	0.0017	0.0014	0.2835	0.4214
13	2025	ALT3	EB	NT	Mainline	0.81	0.99	14.27	6.58	7431	5918	0.2405	0.2213	0.0228	0.0009	0.0270	0.0601	0.0044	0.0015	0.0011	0.2271	0.3274
14	2025	ALT3	EB	NT	Mainline	1.28	1.56	22.21	11.08	12053	9694	0.4117	0.3789	0.0357	0.0013	0.0462	0.1015	0.0067	0.0023	0.0019	0.3916	0.5684
15	2025	ALT3	EB	NT	Mainline	1.69	2.07	30.29	13.62	15562	12366	0.4884	0.4495	0.0476	0.0018	0.0563	0.1254	0.0091	0.0031	0.0023	0.4600	0.6827

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
16	2025	ALT3	EB	NT	Mainline	1.00	1.22	17.97	7.88	9114	7221	0.2803	0.2580	0.0281	0.0011	0.0325	0.0726	0.0054	0.0018	0.0013	0.2634	0.3919
17	2025	ALT3	EB	NT	Mainline	1.69	2.07	30.37	13.78	15678	12481	0.4913	0.4522	0.0475	0.0018	0.0576	0.1277	0.0090	0.0031	0.0023	0.4632	0.7014
18	2025	ALT3	EB	NT	Mainline	1.37	1.68	24.96	10.63	12471	9844	0.3751	0.3453	0.0389	0.0015	0.0435	0.0978	0.0076	0.0026	0.0018	0.3513	0.5222
19	2025	ALT3	EB	NT	Mainline	1.03	1.26	18.59	7.88	9269	7307	0.2791	0.2569	0.0292	0.0012	0.0320	0.0721	0.0057	0.0019	0.0013	0.2612	0.3829
20	2025	ALT3	EB	NT	Mainline	2.23	2.73	40.21	17.45	20289	16050	0.6202	0.5709	0.0630	0.0025	0.0716	0.1604	0.0122	0.0041	0.0030	0.5820	0.8619
21	2025	ALT3	EB	NT	Mainline	0.24	0.30	4.43	1.85	2190	1723	0.0651	0.0599	0.0069	0.0003	0.0075	0.0169	0.0014	0.0005	0.0003	0.0608	0.0892
22	2025	ALT3	EB	NT	Mainline	0.81	1.00	15.24	5.32	6935	5334	0.1771	0.1631	0.0235	0.0010	0.0207	0.0485	0.0048	0.0016	0.0009	0.1615	0.2357
23	2025	ALT3	EB	NT	Mainline	0.82	1.01	15.26	5.65	7129	5525	0.1918	0.1765	0.0236	0.0010	0.0224	0.0516	0.0047	0.0016	0.0009	0.1764	0.2587
24	2025	ALT3	EB	NT	Mainline	0.68	0.84	13.06	4.42	5854	4488	0.1447	0.1332	0.0199	0.0009	0.0172	0.0404	0.0041	0.0014	0.0007	0.1312	0.1946
25	2025	ALT3	EB	NT	Mainline	0.46	0.57	8.81	2.94	3928	3004	0.0962	0.0886	0.0135	0.0006	0.0113	0.0268	0.0028	0.0009	0.0005	0.0871	0.1272
26	2025	ALT3	EB	NT	Mainline	4.07	5.04	77.46	25.08	34132	25988	0.8136	0.7491	0.1191	0.0053	0.0955	0.2276	0.0246	0.0081	0.0041	0.7322	1.0567
27	2025	ALT3	EB	NT	Mainline	3.05	3.77	57.78	18.64	25443	19359	0.6058	0.5578	0.0892	0.0040	0.0708	0.1690	0.0185	0.0061	0.0031	0.5449	0.7805
28	2025	ALT3	EB	NT	Mainline	1.66	2.06	31.44	10.44	14015	10705	0.3431	0.3159	0.0486	0.0021	0.0400	0.0948	0.0100	0.0033	0.0017	0.3103	0.4456
29	2025	ALT3	EB	NT	Mainline	1.11	1.38	21.19	6.70	9253	7022	0.2158	0.1987	0.0327	0.0015	0.0253	0.0607	0.0068	0.0022	0.0011	0.1933	0.2766
30	2025	ALT3	EB	NT	Mainline	1.91	2.37	36.52	11.54	15929	12090	0.3706	0.3413	0.0561	0.0025	0.0436	0.1046	0.0116	0.0038	0.0019	0.3320	0.4784
31	2025	ALT3	EB	NT	Mainline	1.41	1.75	26.90	8.41	11695	8863	0.2699	0.2485	0.0415	0.0019	0.0317	0.0763	0.0086	0.0028	0.0014	0.2413	0.3453
32	2025	ALT3	EB	NT	Mainline	1.55	1.92	29.41	9.63	13029	9934	0.3145	0.2896	0.0453	0.0020	0.0368	0.0874	0.0094	0.0031	0.0016	0.2837	0.4082
33	2025	ALT3	EB	NT	Mainline	1.44	1.78	27.45	8.70	11982	9099	0.2794	0.2572	0.0421	0.0019	0.0330	0.0790	0.0087	0.0029	0.0014	0.2504	0.3624
34	2025	ALT3	EB	NT	Mainline	1.58	1.95	29.72	10.46	13580	10453	0.3501	0.3223	0.0459	0.0020	0.0408	0.0952	0.0093	0.0031	0.0017	0.3196	0.4640
35	2025	ALT3	EB	NT	Mainline	0.87	1.08	16.53	5.35	7283	5545	0.1736	0.1598	0.0254	0.0011	0.0204	0.0486	0.0053	0.0017	0.0009	0.1562	0.2253
36	2025	ALT3	EB	NT	Mainline	1.07	1.32	20.35	6.46	8891	6753	0.2077	0.1913	0.0312	0.0014	0.0245	0.0586	0.0065	0.0021	0.0011	0.1862	0.2689
37	2025	ALT3	EB	NT	Mainline	1.44	1.78	27.41	8.70	11976	9096	0.2798	0.2576	0.0421	0.0019	0.0330	0.0789	0.0087	0.0029	0.0014	0.2508	0.3622
38	2025	ALT3	EB	NT	Mainline	2.06	2.55	38.95	13.22	17510	13416	0.4364	0.4018	0.0600	0.0026	0.0510	0.1202	0.0123	0.0041	0.0022	0.3960	0.5745
39	2025	ALT3	EB	NT	Mainline	2.12	2.62	40.30	12.98	17724	13486	0.4207	0.3874	0.0620	0.0028	0.0494	0.1178	0.0128	0.0042	0.0021	0.3783	0.5449
40	2025	ALT3	EB	NT	Mainline	1.43	1.76	26.91	8.93	11992	9157	0.2935	0.2702	0.0416	0.0018	0.0341	0.0810	0.0086	0.0028	0.0015	0.2653	0.3802
41	2025	ALT3	EB	NT	Mainline	0.54	0.67	10.41	3.27	4528	3434	0.1047	0.0964	0.0160	0.0007	0.0123	0.0296	0.0033	0.0011	0.0005	0.0937	0.1350
42	2025	ALT3	EB	NT	Mainline	1.65	2.05	31.50	10.33	13950	10643	0.3363	0.3096	0.0483	0.0021	0.0396	0.0939	0.0099	0.0033	0.0017	0.3034	0.4407
43	2025	ALT3	EB	NT	Mainline	0.69	0.86	13.27	4.19	5781	4390	0.1341	0.1235	0.0203	0.0009	0.0159	0.0381	0.0042	0.0014	0.0007	0.1201	0.1750
44	2025	ALT3	EB	NT	Mainline	1.03	1.28	19.64	6.41	8678	6615	0.2080	0.1915	0.0301	0.0013	0.0245	0.0582	0.0062	0.0021	0.0011	0.1874	0.2722
45	2025	ALT3	EB	NT	Mainline	0.46	0.57	8.79	2.82	3857	2934	0.0909	0.0837	0.0135	0.0006	0.0107	0.0256	0.0028	0.0009	0.0005	0.0817	0.1187
46	2025	ALT3	EB	NT	Mainline	1.25	1.55	23.83	7.88	10593	8088	0.2574	0.2370	0.0366	0.0016	0.0302	0.0716	0.0075	0.0025	0.0013	0.2325	0.3370
47	2025	ALT3	EB	NT	Mainline	0.07	0.09	1.33	0.43	583	444	0.0138	0.0127	0.0020	0.0001	0.0016	0.0039	0.0004	0.0001	0.0001	0.0125	0.0179
48	2025	ALT3	EB	NT	Mainline	1.41	1.74	26.62	8.90	11901	9097	0.2933	0.2700	0.0412	0.0018	0.0341	0.0808	0.0085	0.0028	0.0015	0.2655	0.3809
49	2025	ALT3	EB	NT	Mainline	0.12	0.14	2.21	0.72	978	745	0.0235	0.0216	0.0034	0.0002	0.0028	0.0066	0.0007	0.0002	0.0001	0.0212	0.0306
50	2025	ALT3	EB	NT	Mainline	2.02	2.50	38.26	12.91	17155	13134	0.4249	0.3912	0.0589	0.0026	0.0498	0.1174	0.0121	0.0040	0.0021	0.3852	0.5595
51	2025	ALT3	EB	NT	Mainline	0.36	0.44	6.90	2.07	2940	2218	0.0646	0.0595	0.0105	0.0005	0.0077	0.0188	0.0022	0.0007	0.0003	0.0573	0.0836
52	2025	ALT3	EB	NT	Mainline	0.53	0.66	10.46	2.98	4365	3271	0.0907	0.0835	0.0158	0.0007	0.0110	0.0270	0.0033	0.0011	0.0005	0.0794	0.1159
53	2025	ALT3	EB	NT	Mainline	0.40	0.49	7.72	2.26	3256	2449	0.0696	0.0641	0.0117	0.0005	0.0084	0.0205	0.0024	0.0008	0.0004	0.0613	0.0901
54	2025	ALT3	EB	NT	Mainline	2.24	2.79	44.32	12.97	18633	14024	0.3959	0.3646	0.0661	0.0030	0.0485	0.1178	0.0138	0.0046	0.0021	0.3489	0.5226
55	2025	ALT3	EB	NT	Mainline	1.07	1.33	21.05	6.02	8790	6593	0.1830	0.1685	0.0317	0.0014	0.0223	0.0546	0.0067	0.0022	0.0010	0.1604	0.2362
56	2025	ALT3	EB	NT	Mainline	1.28	1.59	24.98	7.73	10764	8157	0.2432	0.2239	0.0377	0.0017	0.0293	0.0703	0.0078	0.0026	0.0013	0.2169	0.3219
57	2025	ALT3	EB	NT	Mainline	0.71	0.88	13.56	4.10	5810	4384	0.1293	0.1190	0.0208	0.0009	0.0153	0.0371	0.0044	0.0014	0.0007	0.1148	0.1645
58	2025	ALT3	EB	NT	Mainline	2.46	3.05	47.07	14.68	20415	15470	0.4686	0.4315	0.0722	0.0032	0.0553	0.1331	0.0150	0.0049	0.0024	0.4187	0.6039
59	2025	ALT3	EB	NT	Mainline	0.64	0.79	12.28	3.61	5203	3912	0.1123	0.1035	0.0188	0.0009	0.0134	0.0327	0.0040	0.0013	0.0006	0.0991	0.1422
60	2025	ALT3	EB	NT	Mainline	2.71	3.37	52.43	15.58	22295	16792	0.4866	0.4481	0.0800	0.0036	0.0580	0.1412	0.0168	0.0055	0.0025	0.4304	0.6215
61	2025	ALT3	EB	NT	Mainline	0.63	0.79	12.30	3.42	5097	3805	0.1034	0.0952	0.0188	0.0009	0.0124	0.0309	0.0040	0.0013	0.0006	0.0900	0.1292
62	2025	ALT3	EB	NT	Mainline	1.28	1.59	24.79	7.09	10391	7786	0.2180	0.2007	0.0379	0.0017	0.0260	0.0642	0.0080	0.0026	0.0012	0.1911	0.2738
63	2025	ALT3	EB	NT	Mainline	0.51	0.63	9.71	2.94	4161	3141	0.0927	0.0854	0.0149	0.0007	0.0110	0.0266	0.0031	0.0010	0.0005	0.0823	0.1184

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
64	2025	ALT3	EB	NT	Mainline	1.61	2.00	30.87	9.83	13495	10256	0.3157	0.2907	0.0472	0.0021	0.0373	0.0892	0.0098	0.0032	0.0016	0.2832	0.4114
65	2025	ALT3	EB	NT	Mainline	0.53	0.66	10.26	3.13	4403	3327	0.0983	0.0905	0.0156	0.0007	0.0117	0.0284	0.0033	0.0011	0.0005	0.0874	0.1274
66	2025	ALT3	EB	NT	Mainline	0.16	0.20	3.12	0.96	1348	1020	0.0306	0.0281	0.0048	0.0002	0.0036	0.0087	0.0010	0.0003	0.0002	0.0272	0.0395
67	2025	ALT3	EB	NT	Mainline	1.20	1.48	22.84	7.57	10157	7761	0.2470	0.2274	0.0350	0.0015	0.0291	0.0689	0.0072	0.0024	0.0012	0.2232	0.3257
68	2025	ALT3	EB	NT	Mainline	0.87	1.08	16.78	5.35	7336	5577	0.1714	0.1579	0.0256	0.0011	0.0204	0.0486	0.0053	0.0017	0.0009	0.1538	0.2251
69	2025	ALT3	EB	NT	Mainline	2.01	2.48	37.66	13.41	17296	13335	0.4507	0.4149	0.0582	0.0025	0.0524	0.1221	0.0118	0.0039	0.0022	0.4122	0.5989
70	2025	ALT3	EB	NT	Mainline	1.20	1.49	22.54	7.84	10253	7877	0.2623	0.2415	0.0350	0.0015	0.0303	0.0712	0.0071	0.0024	0.0013	0.2390	0.3430
71	2025	ALT3	EB	NT	Mainline	1.73	2.13	32.48	11.06	14638	11215	0.3671	0.3380	0.0503	0.0022	0.0426	0.1004	0.0103	0.0034	0.0018	0.3334	0.4784
72	2025	ALT3	EB	NT	Mainline	1.65	2.04	31.22	10.24	13848	10558	0.3354	0.3089	0.0483	0.0021	0.0390	0.0929	0.0100	0.0033	0.0017	0.3026	0.4326
73	2025	ALT3	EB	NT	Ramp	0.04	0.05	1.06	0.16	338	239	0.0027	0.0025	0.0012	0.0001	0.0006	0.0017	0.0003	0.0001	0.0000	0.0012	0.0062
74	2025	ALT3	EB	NT	Ramp	0.03	0.05	0.66	0.12	253	181	0.0025	0.0023	0.0010	0.0000	0.0007	0.0018	0.0002	0.0001	0.0000	0.0012	0.0079
75	2025	ALT3	EB	NT	Ramp	0.05	0.07	1.29	0.20	428	304	0.0037	0.0034	0.0016	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0017	0.0091
76	2025	ALT3	EB	NT	Ramp	0.10	0.13	1.95	0.30	729	514	0.0063	0.0059	0.0030	0.0001	0.0017	0.0044	0.0006	0.0004	0.0001	0.0022	0.0171
77	2025	ALT3	EB	NT	Ramp	0.08	0.11	2.00	0.29	659	462	0.0052	0.0048	0.0025	0.0001	0.0011	0.0031	0.0005	0.0003	0.0000	0.0019	0.0102
78	2025	ALT3	EB	NT	Ramp	0.07	0.10	1.35	0.22	517	367	0.0047	0.0044	0.0022	0.0001	0.0014	0.0035	0.0004	0.0003	0.0000	0.0018	0.0149
79	2025	ALT3	EB	NT	Ramp	0.12	0.17	2.80	0.41	986	692	0.0081	0.0075	0.0038	0.0002	0.0017	0.0048	0.0008	0.0005	0.0001	0.0028	0.0160
80	2025	ALT3	EB	NT	Ramp	0.14	0.19	2.78	0.43	1032	727	0.0090	0.0083	0.0042	0.0002	0.0023	0.0060	0.0009	0.0005	0.0001	0.0032	0.0234
81	2025	ALT3	EB	NT	Ramp	0.15	0.20	3.94	0.63	1267	902	0.0108	0.0100	0.0045	0.0002	0.0026	0.0068	0.0010	0.0005	0.0001	0.0053	0.0270
82	2025	ALT3	EB	NT	Ramp	0.10	0.14	2.18	0.31	773	540	0.0062	0.0058	0.0031	0.0002	0.0013	0.0037	0.0007	0.0004	0.0001	0.0020	0.0120
83	2025	ALT3	EB	NT	Ramp	0.03	0.04	0.61	0.17	245	187	0.0034	0.0031	0.0008	0.0000	0.0011	0.0024	0.0002	0.0001	0.0000	0.0026	0.0132
84	2025	ALT3	EB	NT	Ramp	0.03	0.04	0.93	0.13	286	201	0.0022	0.0020	0.0010	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0009	0.0044
85	2025	ALT3	EB	NT	Ramp	0.10	0.13	2.67	0.51	879	641	0.0091	0.0084	0.0030	0.0001	0.0023	0.0056	0.0006	0.0003	0.0001	0.0059	0.0264
86	2025	ALT3	EB	NT	Ramp	0.15	0.20	3.53	0.75	1272	935	0.0138	0.0127	0.0045	0.0002	0.0040	0.0094	0.0009	0.0004	0.0001	0.0089	0.0468
87	2025	ALT3	EB	NT	Ramp	0.05	0.07	0.99	0.17	373	266	0.0035	0.0032	0.0015	0.0001	0.0010	0.0024	0.0003	0.0002	0.0000	0.0015	0.0104
88	2025	ALT3	EB	NT	Ramp	0.06	0.07	1.18	0.31	463	350	0.0060	0.0055	0.0016	0.0001	0.0019	0.0042	0.0003	0.0001	0.0000	0.0045	0.0232
89	2025	ALT3	EB	NT	Ramp	0.03	0.04	0.57	0.10	217	155	0.0021	0.0019	0.0009	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0009	0.0065
90	2025	ALT3	EB	NT	Ramp	0.07	0.09	1.03	0.33	482	369	0.0067	0.0062	0.0019	0.0001	0.0027	0.0060	0.0003	0.0002	0.0000	0.0049	0.0347
91	2025	ALT3	EB	NT	Ramp	0.07	0.09	1.43	0.41	581	443	0.0079	0.0073	0.0020	0.0001	0.0025	0.0056	0.0004	0.0002	0.0000	0.0061	0.0318
92	2025	ALT3	EB	NT	Ramp	0.13	0.18	2.10	0.50	896	661	0.0102	0.0094	0.0039	0.0002	0.0043	0.0097	0.0007	0.0004	0.0001	0.0059	0.0526
93	2025	ALT3	EB	NT	Ramp	1.99	2.41	25.70	16.12	16259	13580	0.3543	0.3262	0.0508	0.0011	0.1175	0.2427	0.0074	0.0025	0.0017	0.3310	1.5564
94	2025	ALT3	EB	NT	Ramp	0.33	0.43	7.64	1.81	2798	2091	0.0340	0.0314	0.0095	0.0004	0.0099	0.0226	0.0018	0.0009	0.0002	0.0247	0.1198
95	2025	ALT3	EB	NT	Ramp	0.05	0.07	1.38	0.26	457	332	0.0045	0.0042	0.0016	0.0001	0.0012	0.0029	0.0003	0.0002	0.0000	0.0028	0.0133
96	2025	ALT3	EB	NT	Ramp	0.09	0.12	2.54	0.43	793	570	0.0073	0.0067	0.0027	0.0001	0.0017	0.0044	0.0006	0.0003	0.0001	0.0043	0.0186
97	2025	ALT3	EB	NT	Ramp	0.04	0.05	0.49	0.32	323	270	0.0069	0.0063	0.0010	0.0000	0.0025	0.0051	0.0001	0.0000	0.0000	0.0064	0.0329
98	2025	ALT3	EB	NT	Ramp	0.03	0.04	0.74	0.19	283	213	0.0036	0.0033	0.0010	0.0000	0.0011	0.0025	0.0002	0.0001	0.0000	0.0027	0.0135
99	2025	ALT3	EB	NT	Ramp	0.11	0.15	2.76	0.64	991	740	0.0121	0.0111	0.0033	0.0001	0.0034	0.0077	0.0006	0.0003	0.0001	0.0089	0.0405
100	2025	ALT3	EB	NT	Ramp	0.11	0.15	2.82	0.54	955	695	0.0096	0.0089	0.0033	0.0001	0.0026	0.0063	0.0007	0.0003	0.0001	0.0059	0.0297
101	2025	ALT3	EB	NT	Ramp	0.03	0.04	0.60	0.17	239	183	0.0035	0.0032	0.0008	0.0000	0.0010	0.0022	0.0001	0.0001	0.0000	0.0029	0.0125
102	2025	ALT3	EB	NT	Ramp	0.03	0.04	0.76	0.16	266	196	0.0029	0.0027	0.0009	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0019	0.0095
103	2025	ALT3	EB	NT	Ramp	0.02	0.03	0.74	0.11	220	156	0.0017	0.0016	0.0008	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0008	0.0035
104	2025	ALT3	EB	NT	Ramp	0.07	0.09	1.44	0.23	524	370	0.0046	0.0042	0.0021	0.0001	0.0011	0.0029	0.0004	0.0002	0.0000	0.0018	0.0109
105	2025	ALT3	EB	NT	Ramp	0.07	0.09	1.69	0.29	557	399	0.0050	0.0046	0.0020	0.0001	0.0013	0.0032	0.0004	0.0002	0.0000	0.0027	0.0138
106	2025	ALT3	EB	NT	Ramp	0.01	0.02	0.29	0.04	103	72	0.0008	0.0007	0.0004	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0002	0.0015
107	2025	ALT3	EB	NT	Ramp																	
108	2025	ALT3	EB	NT	Ramp																	
109	2025	ALT3	EB	NT	Ramp	0.08	0.10	1.96	0.37	666	484	0.0066	0.0061	0.0024	0.0001	0.0018	0.0043	0.0005	0.0002	0.0001	0.0040	0.0202
110	2025	ALT3	EB	NT	Ramp	0.12	0.17	2.69	0.40	965	678	0.0081	0.0075	0.0038	0.0002	0.0018	0.0049	0.0008	0.0005	0.0001	0.0029	0.0173
111	2025	ALT3	EB	NT	Ramp	0.02	0.03	0.57	0.11	188	137	0.0020	0.0018	0.0006	0.0000	0.0005	0.0012	0.0001	0.0001	0.0000	0.0013	0.0059

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
112	2025	ALT3	EB	NT	Ramp	0.11	0.15	2.40	0.38	878	621	0.0078	0.0072	0.0035	0.0002	0.0019	0.0050	0.0007	0.0004	0.0001	0.0031	0.0194
113	2025	ALT3	EB	NT	Ramp	0.06	0.08	1.60	0.24	507	358	0.0041	0.0038	0.0018	0.0001	0.0009	0.0025	0.0004	0.0002	0.0000	0.0018	0.0091
114	2025	ALT3	EB	NT	Ramp	0.08	0.11	1.69	0.23	601	419	0.0048	0.0044	0.0024	0.0001	0.0010	0.0028	0.0005	0.0003	0.0000	0.0014	0.0087
115	2025	ALT3	EB	NT	Ramp																	
116	2025	ALT3	EB	NT	Ramp	0.03	0.04	0.59	0.08	205	142	0.0015	0.0014	0.0008	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0004	0.0022
117	2025	ALT3	EB	NT	Ramp	0.05	0.07	1.21	0.24	420	306	0.0043	0.0039	0.0015	0.0001	0.0012	0.0028	0.0003	0.0002	0.0000	0.0026	0.0135
118	2025	ALT3	EB	NT	Ramp	0.04	0.05	0.81	0.11	284	198	0.0022	0.0021	0.0011	0.0001	0.0004	0.0013	0.0002	0.0001	0.0000	0.0007	0.0038
119	2025	ALT3	EB	NT	Ramp	0.05	0.07	1.44	0.24	469	335	0.0041	0.0038	0.0017	0.0001	0.0010	0.0026	0.0004	0.0002	0.0000	0.0021	0.0107
120	2025	ALT3	EB	NT	Ramp	0.03	0.04	0.65	0.09	230	161	0.0019	0.0017	0.0009	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0006	0.0034
121	2025	ALT3	EB	NT	Ramp	0.05	0.06	1.26	0.27	435	322	0.0051	0.0047	0.0014	0.0001	0.0014	0.0031	0.0003	0.0001	0.0000	0.0037	0.0159
122	2025	ALT3	EB	NT	Ramp	0.87	1.13	21.83	4.63	7531	5557	0.0846	0.0780	0.0255	0.0011	0.0230	0.0538	0.0051	0.0023	0.0006	0.0588	0.2693
123	2025	ALT3	EB	NT	Ramp	0.59	0.77	15.13	3.15	5165	3802	0.0572	0.0528	0.0175	0.0007	0.0153	0.0361	0.0035	0.0016	0.0004	0.0395	0.1785
124	2025	ALT3	EB	NT	Ramp	0.06	0.08	1.18	0.24	448	326	0.0047	0.0043	0.0017	0.0001	0.0013	0.0032	0.0003	0.0002	0.0000	0.0026	0.0152
125	2025	ALT3	EB	NT	Ramp	0.00	0.01	0.10	0.03	38	29	0.0005	0.0004	0.0001	0.0000	0.0001	0.0003	0.0000	0.0000	0.0000	0.0004	0.0018
126	2025	ALT3	EB	NT	Ramp	0.04	0.05	0.79	0.12	290	204	0.0025	0.0023	0.0012	0.0001	0.0006	0.0016	0.0002	0.0001	0.0000	0.0009	0.0062
127	2025	ALT3	EB	NT	Ramp	0.14	0.19	3.16	0.56	1141	818	0.0108	0.0100	0.0043	0.0002	0.0028	0.0070	0.0009	0.0005	0.0001	0.0053	0.0303
128	2025	ALT3	EB	NT	Ramp	0.02	0.02	0.37	0.04	127	87	0.0009	0.0008	0.0005	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0008
129	2025	ALT3	EB	NT	Ramp	0.07	0.09	1.84	0.33	597	432	0.0057	0.0053	0.0021	0.0001	0.0015	0.0036	0.0004	0.0002	0.0000	0.0035	0.0163
130	2025	ALT3	EB	NT	Ramp	0.07	0.09	1.96	0.27	595	418	0.0044	0.0041	0.0021	0.0001	0.0009	0.0026	0.0005	0.0002	0.0000	0.0018	0.0085
131	2025	ALT3	EB	NT	Ramp	0.09	0.12	2.27	0.50	799	592	0.0092	0.0085	0.0027	0.0001	0.0026	0.0059	0.0005	0.0002	0.0001	0.0066	0.0304
132	2025	ALT3	EB	NT	Ramp	0.04	0.06	1.27	0.17	381	266	0.0027	0.0025	0.0014	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0010	0.0047
133	2025	ALT3	EB	NT	Ramp	0.13	0.17	3.37	0.61	1102	797	0.0106	0.0098	0.0038	0.0002	0.0027	0.0067	0.0008	0.0004	0.0001	0.0064	0.0304
134	2025	ALT3	EB	NT	Ramp	0.30	0.40	8.05	1.30	2554	1820	0.0218	0.0202	0.0090	0.0004	0.0053	0.0137	0.0019	0.0009	0.0002	0.0112	0.0552
135	2025	ALT3	EB	NT	Ramp	0.10	0.13	2.68	0.47	868	626	0.0082	0.0075	0.0030	0.0001	0.0021	0.0052	0.0006	0.0003	0.0001	0.0048	0.0229
136	2025	ALT3	EB	NT	Ramp	0.03	0.04	0.58	0.08	204	141	0.0016	0.0014	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0025
137	2025	ALT3	EB	NT	Ramp	0.61	0.78	12.20	3.66	5028	3863	0.0715	0.0659	0.0171	0.0006	0.0229	0.0502	0.0031	0.0014	0.0004	0.0566	0.2873
138	2025	ALT3	EB	NT	Ramp	0.04	0.05	1.01	0.16	336	238	0.0028	0.0026	0.0012	0.0001	0.0007	0.0018	0.0003	0.0001	0.0000	0.0012	0.0068
139	2025	ALT3	EB	NT	Ramp	0.07	0.09	1.49	0.19	524	363	0.0040	0.0037	0.0021	0.0001	0.0008	0.0023	0.0005	0.0003	0.0000	0.0010	0.0062
140	2025	ALT3	EB	NT	Ramp	0.13	0.18	3.38	0.45	1086	757	0.0080	0.0074	0.0041	0.0002	0.0015	0.0046	0.0009	0.0005	0.0001	0.0025	0.0131
141	2025	ALT3	EB	NT	Ramp	0.02	0.03	0.60	0.07	172	119	0.0011	0.0010	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0003	0.0012
142	2025	ALT3	EB	NT	Ramp	0.05	0.07	1.56	0.20	452	314	0.0030	0.0028	0.0016	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0010	0.0046
143	2025	ALT3	EB	NT	Ramp	0.04	0.06	1.27	0.15	369	255	0.0023	0.0021	0.0013	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0006	0.0027
144	2025	ALT3	EB	NT	HOT	0.20	0.25	4.23	0.53	1371	934	0.0058	0.0054	0.0061	0.0003	0.0012	0.0046	0.0014	0.0005	0.0001	0.0007	0.0011
145	2025	ALT3	EB	NT	HOT	0.52	0.65	11.16	1.40	3620	2465	0.0154	0.0142	0.0161	0.0009	0.0031	0.0123	0.0037	0.0012	0.0002	0.0018	0.0029
146	2025	ALT3	EB	NT	HOT	0.02	0.03	0.48	0.06	156	106	0.0007	0.0006	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0001
147	2025	ALT3	EB	NT	HOT	0.44	0.55	9.44	1.19	3061	2085	0.0130	0.0120	0.0136	0.0007	0.0027	0.0104	0.0031	0.0010	0.0001	0.0016	0.0024
148	2025	ALT3	EB	NT	HOT	0.16	0.20	3.43	0.43	1113	758	0.0047	0.0044	0.0050	0.0003	0.0010	0.0038	0.0011	0.0004	0.0001	0.0006	0.0009
149	2025	ALT3	EB	NT	HOT	0.26	0.33	5.66	0.71	1835	1250	0.0078	0.0072	0.0082	0.0004	0.0016	0.0062	0.0019	0.0006	0.0001	0.0009	0.0015
150	2025	ALT3	EB	NT	HOT	0.33	0.42	7.19	0.90	2333	1589	0.0099	0.0092	0.0104	0.0006	0.0020	0.0079	0.0024	0.0008	0.0001	0.0012	0.0018
151	2025	ALT3	EB	NT	HOT	0.45	0.57	9.70	1.22	3150	2145	0.0134	0.0124	0.0140	0.0008	0.0027	0.0107	0.0032	0.0010	0.0002	0.0016	0.0025
152	2025	ALT3	EB	NT	HOT	0.36	0.45	7.70	0.97	2498	1702	0.0106	0.0098	0.0111	0.0006	0.0022	0.0085	0.0026	0.0008	0.0001	0.0013	0.0020
153	2025	ALT3	EB	NT	HOT	0.10	0.13	2.22	0.28	724	493	0.0031	0.0028	0.0033	0.0002	0.0006	0.0025	0.0008	0.0002	0.0000	0.0004	0.0006
154	2025	ALT3	EB	NT	HOT	0.20	0.25	4.24	0.53	1385	943	0.0059	0.0055	0.0062	0.0003	0.0012	0.0047	0.0014	0.0005	0.0001	0.0007	0.0011
155	2025	ALT3	EB	NT	HOT	0.15	0.19	3.15	0.40	1029	701	0.0044	0.0041	0.0046	0.0002	0.0009	0.0035	0.0011	0.0003	0.0000	0.0005	0.0008
156	2025	ALT3	EB	NT	HOT	0.12	0.15	2.48	0.31	810	552	0.0034	0.0032	0.0036	0.0002	0.0007	0.0028	0.0008	0.0003	0.0000	0.0004	0.0006
157	2025	ALT3	EB	NT	HOT	0.21	0.26	4.36	0.55	1425	970	0.0061	0.0056	0.0064	0.0003	0.0013	0.0049	0.0015	0.0005	0.0001	0.0007	0.0011
158	2025	ALT3	EB	NT	HOT	0.24	0.30	5.03	0.63	1642	1118	0.0070	0.0065	0.0074	0.0004	0.0014	0.0056	0.0017	0.0005	0.0001	0.0008	0.0013
159	2025	ALT3	EB	NT	HOT	0.14	0.17	2.88	0.36	940	640	0.0040	0.0037	0.0042	0.0002	0.0008	0.0032	0.0010	0.0003	0.0000	0.0005	0.0007

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
160	2025	ALT3	EB	NT	HOT	0.25	0.32	5.36	0.67	1751	1193	0.0074	0.0069	0.0079	0.0004	0.0015	0.0060	0.0018	0.0006	0.0001	0.0009	0.0014
161	2025	ALT3	EB	NT	HOT	0.14	0.18	3.05	0.38	993	676	0.0042	0.0039	0.0044	0.0002	0.0009	0.0034	0.0010	0.0003	0.0000	0.0005	0.0008
162	2025	ALT3	EB	NT	HOT	0.10	0.13	2.19	0.28	713	485	0.0030	0.0028	0.0032	0.0002	0.0006	0.0024	0.0007	0.0002	0.0000	0.0004	0.0006
163	2025	ALT3	EB	NT	HOT	0.24	0.31	5.18	0.65	1686	1149	0.0072	0.0066	0.0076	0.0004	0.0015	0.0057	0.0017	0.0006	0.0001	0.0009	0.0013
164	2025	ALT3	EB	NT	HOT	0.02	0.03	0.52	0.07	169	115	0.0007	0.0007	0.0008	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0001
165	2025	ALT3	EB	NT	HOT	0.11	0.14	2.43	0.30	790	538	0.0034	0.0031	0.0035	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0004	0.0006
166	2025	ALT3	EB	NT	HOT	0.14	0.18	3.00	0.38	975	664	0.0041	0.0038	0.0044	0.0002	0.0009	0.0033	0.0010	0.0003	0.0000	0.0005	0.0008
167	2025	ALT3	EB	NT	HOT	0.10	0.13	2.12	0.27	689	469	0.0029	0.0027	0.0031	0.0002	0.0006	0.0023	0.0007	0.0002	0.0000	0.0004	0.0005
168	2025	ALT3	EB	NT	HOT	0.06	0.08	1.37	0.17	448	305	0.0019	0.0018	0.0020	0.0001	0.0004	0.0015	0.0005	0.0001	0.0000	0.0002	0.0004
169	2025	ALT3	EB	NT	HOT	0.58	0.74	12.50	1.57	4069	2771	0.0173	0.0160	0.0182	0.0010	0.0036	0.0139	0.0042	0.0013	0.0002	0.0021	0.0032
170	2025	ALT3	EB	NT	HOT	0.42	0.53	9.03	1.14	2940	2002	0.0125	0.0116	0.0132	0.0007	0.0026	0.0100	0.0030	0.0010	0.0001	0.0015	0.0023
171	2025	ALT3	EB	NT	HOT	0.24	0.30	5.12	0.64	1670	1137	0.0071	0.0066	0.0075	0.0004	0.0015	0.0057	0.0017	0.0006	0.0001	0.0009	0.0013
172	2025	ALT3	EB	NT	HOT	0.14	0.18	3.00	0.38	977	665	0.0041	0.0038	0.0044	0.0002	0.0009	0.0033	0.0010	0.0003	0.0000	0.0005	0.0008
173	2025	ALT3	EB	NT	HOT	0.25	0.32	5.32	0.67	1736	1182	0.0074	0.0068	0.0078	0.0004	0.0015	0.0059	0.0018	0.0006	0.0001	0.0009	0.0014
174	2025	ALT3	EB	NT	HOT	0.18	0.22	3.77	0.47	1228	836	0.0052	0.0048	0.0055	0.0003	0.0011	0.0042	0.0013	0.0004	0.0001	0.0006	0.0010
175	2025	ALT3	EB	NT	HOT	0.21	0.27	4.50	0.57	1468	1000	0.0062	0.0058	0.0066	0.0004	0.0013	0.0050	0.0015	0.0005	0.0001	0.0007	0.0012
176	2025	ALT3	EB	NT	HOT	0.18	0.23	3.94	0.50	1284	875	0.0055	0.0051	0.0058	0.0003	0.0011	0.0044	0.0013	0.0004	0.0001	0.0007	0.0010
177	2025	ALT3	EB	NT	HOT	0.25	0.32	5.36	0.67	1747	1190	0.0074	0.0069	0.0078	0.0004	0.0015	0.0060	0.0018	0.0006	0.0001	0.0009	0.0014
178	2025	ALT3	EB	NT	HOT	0.12	0.15	2.60	0.33	848	577	0.0036	0.0033	0.0038	0.0002	0.0007	0.0029	0.0009	0.0003	0.0000	0.0004	0.0007
179	2025	ALT3	EB	NT	HOT	0.12	0.15	2.57	0.32	839	571	0.0036	0.0033	0.0038	0.0002	0.0007	0.0029	0.0009	0.0003	0.0000	0.0004	0.0007
180	2025	ALT3	EB	NT	HOT	0.16	0.21	3.46	0.44	1130	770	0.0048	0.0044	0.0051	0.0003	0.0010	0.0039	0.0012	0.0004	0.0001	0.0006	0.0009
181	2025	ALT3	EB	NT	HOT	0.28	0.35	5.89	0.74	1922	1309	0.0082	0.0076	0.0086	0.0005	0.0017	0.0066	0.0020	0.0006	0.0001	0.0010	0.0015
182	2025	ALT3	EB	NT	HOT	0.26	0.33	5.52	0.69	1801	1227	0.0076	0.0071	0.0081	0.0004	0.0016	0.0062	0.0019	0.0006	0.0001	0.0009	0.0014
183	2025	ALT3	EB	NT	HOT	0.19	0.24	4.00	0.50	1306	890	0.0055	0.0051	0.0059	0.0003	0.0011	0.0045	0.0014	0.0004	0.0001	0.0007	0.0010
184	2025	ALT3	EB	NT	HOT	0.07	0.08	1.38	0.17	452	308	0.0019	0.0018	0.0020	0.0001	0.0004	0.0015	0.0005	0.0001	0.0000	0.0002	0.0004
185	2025	ALT3	EB	NT	HOT	0.22	0.27	4.58	0.58	1494	1017	0.0063	0.0059	0.0067	0.0004	0.0013	0.0051	0.0015	0.0005	0.0001	0.0008	0.0012
186	2025	ALT3	EB	NT	HOT	0.08	0.11	1.81	0.23	590	402	0.0025	0.0023	0.0027	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0005
187	2025	ALT3	EB	NT	HOT	0.13	0.17	2.86	0.36	933	635	0.0040	0.0037	0.0042	0.0002	0.0008	0.0032	0.0010	0.0003	0.0000	0.0005	0.0007
188	2025	ALT3	EB	NT	HOT	0.06	0.07	1.25	0.16	407	277	0.0017	0.0016	0.0018	0.0001	0.0004	0.0014	0.0004	0.0001	0.0000	0.0002	0.0003
189	2025	ALT3	EB	NT	HOT	0.17	0.22	3.67	0.46	1199	816	0.0051	0.0047	0.0054	0.0003	0.0011	0.0041	0.0012	0.0004	0.0001	0.0006	0.0009
190	2025	ALT3	EB	NT	HOT	0.01	0.01	0.19	0.02	64	43	0.0003	0.0003	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000
191	2025	ALT3	EB	NT	HOT	0.21	0.27	4.47	0.56	1458	993	0.0062	0.0057	0.0066	0.0004	0.0013	0.0050	0.0015	0.0005	0.0001	0.0007	0.0011
192	2025	ALT3	EB	NT	HOT	0.02	0.02	0.36	0.04	117	79	0.0005	0.0005	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
193	2025	ALT3	EB	NT	HOT	0.33	0.41	6.95	0.87	2267	1544	0.0096	0.0089	0.0102	0.0005	0.0020	0.0078	0.0023	0.0007	0.0001	0.0012	0.0018
194	2025	ALT3	EB	NT	HOT	0.04	0.05	0.81	0.10	264	180	0.0011	0.0010	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
195	2025	ALT3	EB	NT	HOT	0.04	0.06	0.96	0.12	312	212	0.0013	0.0012	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0002
196	2025	ALT3	EB	NT	HOT	0.04	0.05	0.80	0.10	262	178	0.0011	0.0010	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
197	2025	ALT3	EB	NT	HOT	0.22	0.28	4.66	0.59	1520	1035	0.0065	0.0060	0.0068	0.0004	0.0013	0.0052	0.0016	0.0005	0.0001	0.0008	0.0012
198	2025	ALT3	EB	NT	HOT	0.10	0.12	2.08	0.26	680	463	0.0029	0.0027	0.0031	0.0002	0.0006	0.0023	0.0007	0.0002	0.0000	0.0003	0.0005
199	2025	ALT3	EB	NT	HOT	0.20	0.25	4.30	0.54	1398	952	0.0059	0.0055	0.0063	0.0003	0.0012	0.0048	0.0014	0.0005	0.0001	0.0007	0.0011
200	2025	ALT3	EB	NT	HOT	0.10	0.13	2.21	0.28	720	490	0.0031	0.0028	0.0032	0.0002	0.0006	0.0025	0.0007	0.0002	0.0000	0.0004	0.0006
201	2025	ALT3	EB	NT	HOT	0.39	0.50	8.41	1.06	2734	1862	0.0116	0.0108	0.0122	0.0007	0.0024	0.0093	0.0028	0.0009	0.0001	0.0014	0.0022
202	2025	ALT3	EB	NT	HOT	0.09	0.12	1.95	0.25	635	432	0.0027	0.0025	0.0028	0.0002	0.0006	0.0022	0.0007	0.0002	0.0000	0.0003	0.0005
203	2025	ALT3	EB	NT	HOT	0.42	0.53	8.95	1.13	2911	1983	0.0124	0.0114	0.0130	0.0007	0.0025	0.0099	0.0030	0.0010	0.0001	0.0015	0.0023
204	2025	ALT3	EB	NT	HOT	0.05	0.06	1.03	0.13	335	228	0.0014	0.0013	0.0015	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
205	2025	ALT3	EB	NT	HOT	0.11	0.14	2.30	0.29	746	508	0.0032	0.0029	0.0033	0.0002	0.0007	0.0025	0.0008	0.0002	0.0000	0.0004	0.0006
206	2025	ALT3	EB	NT	HOT	0.05	0.06	1.04	0.13	337	229	0.0014	0.0013	0.0015	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
207	2025	ALT3	EB	NT	HOT	0.18	0.22	3.77	0.47	1226	835	0.0052	0.0048	0.0055	0.0003	0.0011	0.0042	0.0013	0.0004	0.0001	0.0006	0.0010

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
208	2025	ALT3	EB	NT	HOT	0.05	0.07	1.16	0.15	378	258	0.0016	0.0015	0.0017	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0003
209	2025	ALT3	EB	NT	HOT	0.01	0.02	0.30	0.04	96	66	0.0004	0.0004	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
210	2025	ALT3	EB	NT	HOT	0.11	0.14	2.44	0.31	794	541	0.0034	0.0031	0.0035	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0004	0.0006
211	2025	ALT3	EB	NT	HOT	0.08	0.10	1.68	0.21	548	373	0.0023	0.0022	0.0024	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0004
212	2025	ALT3	EB	NT	HOT	0.21	0.27	4.51	0.57	1466	998	0.0062	0.0058	0.0065	0.0004	0.0013	0.0050	0.0015	0.0005	0.0001	0.0007	0.0012
213	2025	ALT3	EB	NT	HOT	0.12	0.15	2.59	0.33	844	575	0.0036	0.0033	0.0038	0.0002	0.0007	0.0029	0.0009	0.0003	0.0000	0.0004	0.0007
214	2025	ALT3	EB	NT	HOV																	
215	2025	ALT3	EB	NT	HOV																	
216	2025	ALT3	WB	AM	Mainline	1.02	1.32	28.33	5.16	9051	6511	0.0948	0.0874	0.0308	0.0015	0.0174	0.0451	0.0066	0.0026	0.0006	0.0659	0.1723
217	2025	ALT3	WB	AM	Mainline	1.97	2.51	50.11	9.69	16870	12153	0.1964	0.1811	0.0596	0.0029	0.0315	0.0831	0.0129	0.0048	0.0013	0.1443	0.3003
218	2025	ALT3	WB	AM	Mainline	1.25	1.60	31.69	6.20	10730	7739	0.1271	0.1172	0.0379	0.0018	0.0202	0.0533	0.0082	0.0030	0.0008	0.0941	0.1940
219	2025	ALT3	WB	AM	Mainline	1.79	2.29	47.02	9.09	15629	11292	0.1812	0.1671	0.0539	0.0026	0.0306	0.0793	0.0116	0.0044	0.0012	0.1331	0.3032
220	2025	ALT3	WB	AM	Mainline	0.97	1.24	26.83	4.91	8573	6173	0.0902	0.0832	0.0291	0.0014	0.0167	0.0433	0.0062	0.0025	0.0006	0.0628	0.1678
221	2025	ALT3	WB	AM	Mainline	0.88	1.13	23.66	4.47	7759	5596	0.0870	0.0802	0.0267	0.0013	0.0150	0.0389	0.0057	0.0022	0.0006	0.0629	0.1480
222	2025	ALT3	WB	AM	Mainline	1.04	1.33	26.33	5.02	8857	6362	0.1009	0.0931	0.0316	0.0015	0.0159	0.0426	0.0069	0.0025	0.0007	0.0733	0.1480
223	2025	ALT3	WB	AM	Mainline	0.49	0.63	12.89	2.39	4236	3040	0.0461	0.0425	0.0149	0.0007	0.0076	0.0203	0.0032	0.0012	0.0003	0.0328	0.0718
224	2025	ALT3	WB	AM	Mainline	0.63	0.80	16.27	2.89	5302	3777	0.0537	0.0495	0.0191	0.0009	0.0087	0.0240	0.0042	0.0016	0.0004	0.0366	0.0762
225	2025	ALT3	WB	AM	Mainline	0.40	0.51	10.20	1.85	3372	2405	0.0353	0.0325	0.0122	0.0006	0.0056	0.0154	0.0027	0.0010	0.0002	0.0245	0.0487
226	2025	ALT3	WB	AM	Mainline	1.93	2.45	44.98	8.31	15514	11055	0.1714	0.1580	0.0589	0.0029	0.0251	0.0707	0.0130	0.0045	0.0011	0.1221	0.2074
227	2025	ALT3	WB	AM	Mainline	0.77	0.97	17.94	3.17	6108	4328	0.0624	0.0576	0.0235	0.0012	0.0092	0.0267	0.0052	0.0018	0.0004	0.0426	0.0717
228	2025	ALT3	WB	AM	Mainline	0.41	0.53	9.65	1.68	3277	2317	0.0326	0.0300	0.0127	0.0006	0.0048	0.0141	0.0028	0.0010	0.0002	0.0219	0.0365
229	2025	ALT3	WB	AM	Mainline	2.26	2.87	56.94	10.30	18866	13446	0.1968	0.1815	0.0687	0.0034	0.0308	0.0855	0.0151	0.0055	0.0013	0.1363	0.2670
230	2025	ALT3	WB	AM	Mainline	0.58	0.73	13.59	2.47	4646	3305	0.0498	0.0460	0.0176	0.0009	0.0074	0.0209	0.0039	0.0014	0.0003	0.0350	0.0602
231	2025	ALT3	WB	AM	Mainline	0.58	0.74	14.08	2.62	4777	3413	0.0528	0.0487	0.0176	0.0009	0.0080	0.0221	0.0039	0.0014	0.0003	0.0377	0.0696
232	2025	ALT3	WB	AM	Mainline	0.62	0.79	14.64	2.69	5018	3574	0.0546	0.0504	0.0190	0.0009	0.0081	0.0228	0.0042	0.0015	0.0004	0.0386	0.0668
233	2025	ALT3	WB	AM	Mainline	1.82	2.34	50.53	8.98	16035	11494	0.1627	0.1501	0.0550	0.0027	0.0293	0.0773	0.0118	0.0047	0.0011	0.1111	0.2829
234	2025	ALT3	WB	AM	Mainline	0.30	0.38	7.70	1.41	2537	1813	0.0269	0.0248	0.0091	0.0004	0.0043	0.0118	0.0020	0.0007	0.0002	0.0188	0.0391
235	2025	ALT3	WB	AM	Mainline	1.12	1.44	30.86	5.57	9889	7097	0.1032	0.0952	0.0340	0.0016	0.0181	0.0478	0.0073	0.0029	0.0007	0.0717	0.1750
236	2025	ALT3	WB	AM	Mainline	0.74	0.94	18.63	3.52	6255	4485	0.0700	0.0646	0.0225	0.0011	0.0110	0.0297	0.0049	0.0018	0.0005	0.0504	0.1002
237	2025	ALT3	WB	AM	Mainline	1.16	1.46	25.56	5.53	9423	6841	0.1350	0.1244	0.0351	0.0017	0.0184	0.0487	0.0076	0.0026	0.0008	0.1071	0.1731
238	2025	ALT3	WB	AM	Mainline	0.37	0.46	8.17	1.73	2976	2156	0.0412	0.0380	0.0110	0.0005	0.0057	0.0151	0.0024	0.0008	0.0002	0.0323	0.0533
239	2025	ALT3	WB	AM	Mainline	0.33	0.41	7.38	1.54	2671	1932	0.0363	0.0334	0.0099	0.0005	0.0051	0.0135	0.0022	0.0007	0.0002	0.0283	0.0471
240	2025	ALT3	WB	AM	Mainline	0.41	0.52	9.31	1.84	3306	2375	0.0411	0.0379	0.0125	0.0006	0.0058	0.0159	0.0027	0.0009	0.0003	0.0309	0.0511
241	2025	ALT3	WB	AM	Mainline	1.48	1.87	33.97	6.86	12082	8706	0.1544	0.1424	0.0449	0.0022	0.0220	0.0594	0.0098	0.0034	0.0010	0.1176	0.2002
242	2025	ALT3	WB	AM	Mainline	0.11	0.14	2.58	0.50	905	648	0.0107	0.0099	0.0034	0.0002	0.0015	0.0043	0.0008	0.0003	0.0001	0.0079	0.0132
243	2025	ALT3	WB	AM	Mainline	1.35	1.71	31.92	6.24	11099	7974	0.1337	0.1232	0.0409	0.0020	0.0198	0.0535	0.0089	0.0031	0.0008	0.0994	0.1780
244	2025	ALT3	WB	AM	Mainline	0.20	0.25	4.70	0.91	1622	1165	0.0192	0.0177	0.0059	0.0003	0.0029	0.0078	0.0013	0.0005	0.0001	0.0142	0.0261
245	2025	ALT3	WB	AM	Mainline	1.25	1.59	29.39	5.83	10304	7415	0.1273	0.1173	0.0380	0.0019	0.0186	0.0502	0.0083	0.0029	0.0008	0.0957	0.1690
246	2025	ALT3	WB	AM	Mainline	0.94	1.19	22.65	4.39	7783	5590	0.0917	0.0845	0.0284	0.0014	0.0139	0.0374	0.0062	0.0022	0.0006	0.0675	0.1259
247	2025	ALT3	WB	AM	Mainline	1.29	1.64	30.58	6.03	10671	7676	0.1305	0.1203	0.0392	0.0019	0.0192	0.0519	0.0086	0.0030	0.0008	0.0976	0.1748
248	2025	ALT3	WB	AM	Mainline	0.42	0.53	9.50	1.84	3346	2398	0.0402	0.0371	0.0126	0.0006	0.0058	0.0159	0.0028	0.0010	0.0003	0.0298	0.0498
249	2025	ALT3	WB	AM	Mainline	1.36	1.71	30.14	6.01	10806	7765	0.1369	0.1262	0.0412	0.0020	0.0191	0.0524	0.0090	0.0031	0.0008	0.1037	0.1671
250	2025	ALT3	WB	AM	Mainline	2.14	2.70	49.30	9.58	17303	12408	0.2082	0.1919	0.0649	0.0032	0.0300	0.0823	0.0142	0.0049	0.0013	0.1545	0.2623
251	2025	ALT3	WB	AM	Mainline	1.59	2.02	37.79	7.49	13185	9491	0.1620	0.1493	0.0483	0.0024	0.0240	0.0644	0.0105	0.0037	0.0010	0.1215	0.2194
252	2025	ALT3	WB	AM	Mainline	1.35	1.71	31.49	6.04	10953	7845	0.1287	0.1186	0.0410	0.0020	0.0188	0.0517	0.0090	0.0031	0.0008	0.0945	0.1638
253	2025	ALT3	WB	AM	Mainline	0.96	1.22	22.55	4.33	7844	5618	0.0921	0.0850	0.0293	0.0014	0.0135	0.0370	0.0064	0.0022	0.0006	0.0677	0.1173
254	2025	ALT3	WB	AM	Mainline	0.92	1.17	21.37	4.13	7469	5353	0.0889	0.0820	0.0280	0.0014	0.0129	0.0354	0.0061	0.0021	0.0006	0.0657	0.1128
255	2025	ALT3	WB	AM	Mainline	1.53	1.94	36.59	7.27	12740	9178	0.1568	0.1446	0.0464	0.0023	0.0234	0.0625	0.0101	0.0036	0.0010	0.1178	0.2159

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
256	2025	ALT3	WB	AM	Mainline	1.00	1.27	23.30	4.51	8134	5832	0.0970	0.0894	0.0304	0.0015	0.0141	0.0387	0.0067	0.0023	0.0006	0.0717	0.1240
257	2025	ALT3	WB	AM	Mainline	1.22	1.56	29.87	5.84	10258	7380	0.1223	0.1127	0.0371	0.0018	0.0186	0.0499	0.0081	0.0029	0.0008	0.0906	0.1721
258	2025	ALT3	WB	AM	Mainline	1.21	1.54	27.78	5.27	9724	6949	0.1129	0.1041	0.0370	0.0018	0.0162	0.0452	0.0081	0.0028	0.0007	0.0824	0.1365
259	2025	ALT3	WB	AM	Mainline	1.64	2.09	39.69	7.54	13578	9727	0.1555	0.1434	0.0499	0.0025	0.0234	0.0641	0.0109	0.0039	0.0010	0.1130	0.2081
260	2025	ALT3	WB	AM	Mainline	1.18	1.50	27.58	5.17	9542	6813	0.1080	0.0996	0.0360	0.0018	0.0158	0.0441	0.0079	0.0028	0.0007	0.0779	0.1336
261	2025	ALT3	WB	AM	Mainline	1.43	1.81	34.11	6.50	11724	8399	0.1353	0.1248	0.0433	0.0021	0.0202	0.0553	0.0095	0.0034	0.0009	0.0986	0.1786
262	2025	ALT3	WB	AM	Mainline	3.72	4.71	85.23	16.58	30032	21531	0.3630	0.3347	0.1132	0.0056	0.0519	0.1428	0.0249	0.0085	0.0023	0.2698	0.4511
263	2025	ALT3	WB	AM	Mainline	1.77	2.24	42.28	8.27	14646	10529	0.1761	0.1623	0.0536	0.0026	0.0263	0.0709	0.0117	0.0041	0.0011	0.1308	0.2390
264	2025	ALT3	WB	AM	Mainline	0.64	0.83	17.76	3.32	5721	4132	0.0619	0.0571	0.0194	0.0009	0.0116	0.0296	0.0041	0.0016	0.0004	0.0438	0.1178
265	2025	ALT3	WB	AM	Mainline	0.36	0.46	9.07	1.78	3072	2217	0.0366	0.0337	0.0108	0.0005	0.0058	0.0153	0.0023	0.0009	0.0002	0.0271	0.0561
266	2025	ALT3	WB	AM	Mainline	1.25	1.59	30.79	6.46	10764	7826	0.1414	0.1303	0.0377	0.0018	0.0220	0.0565	0.0081	0.0029	0.0009	0.1095	0.2189
267	2025	ALT3	WB	AM	Mainline	0.38	0.48	9.97	1.98	3329	2419	0.0401	0.0370	0.0113	0.0005	0.0070	0.0177	0.0024	0.0009	0.0003	0.0300	0.0722
268	2025	ALT3	WB	AM	Mainline	0.07	0.09	1.75	0.35	588	427	0.0072	0.0066	0.0020	0.0001	0.0012	0.0031	0.0004	0.0002	0.0000	0.0054	0.0125
269	2025	ALT3	WB	AM	Mainline	1.69	2.17	45.12	9.16	15102	11019	0.1841	0.1698	0.0505	0.0023	0.0338	0.0841	0.0106	0.0042	0.0012	0.1387	0.3592
270	2025	ALT3	WB	AM	Mainline	0.76	0.97	20.57	4.18	6814	4985	0.0808	0.0745	0.0225	0.0010	0.0162	0.0397	0.0047	0.0019	0.0005	0.0600	0.1773
271	2025	ALT3	WB	AM	Mainline	1.19	1.54	32.41	6.60	10715	7869	0.1226	0.1130	0.0353	0.0016	0.0284	0.0679	0.0072	0.0031	0.0008	0.0888	0.3218
272	2025	ALT3	WB	AM	Mainline	0.83	1.07	22.12	4.68	7445	5491	0.0897	0.0827	0.0244	0.0011	0.0203	0.0483	0.0049	0.0021	0.0006	0.0669	0.2322
273	2025	ALT3	WB	AM	Mainline	0.79	1.00	20.14	4.44	7033	5178	0.0966	0.0890	0.0234	0.0011	0.0169	0.0412	0.0049	0.0019	0.0006	0.0765	0.1829
274	2025	ALT3	WB	AM	Mainline	0.92	1.16	22.65	5.17	8108	5980	0.1177	0.1085	0.0272	0.0012	0.0194	0.0474	0.0057	0.0021	0.0007	0.0949	0.2087
275	2025	ALT3	WB	AM	Mainline	1.65	2.07	36.87	9.18	14111	10459	0.2379	0.2192	0.0490	0.0022	0.0336	0.0830	0.0103	0.0036	0.0013	0.1997	0.3561
276	2025	ALT3	WB	AM	Mainline	0.45	0.56	9.77	2.40	3764	2779	0.0636	0.0586	0.0134	0.0006	0.0085	0.0215	0.0028	0.0010	0.0004	0.0532	0.0878
277	2025	ALT3	WB	AM	Mainline	0.96	1.20	21.40	5.38	8217	6100	0.1400	0.1290	0.0284	0.0013	0.0198	0.0488	0.0060	0.0021	0.0008	0.1179	0.2114
278	2025	ALT3	WB	AM	Mainline	0.51	0.64	11.62	2.93	4443	3303	0.0753	0.0694	0.0152	0.0007	0.0109	0.0267	0.0032	0.0011	0.0004	0.0634	0.1178
279	2025	ALT3	WB	AM	Mainline	0.94	1.18	23.06	5.55	8397	6250	0.1283	0.1182	0.0275	0.0012	0.0221	0.0527	0.0056	0.0021	0.0007	0.1056	0.2470
280	2025	ALT3	WB	AM	Mainline	0.96	1.21	22.45	5.73	8505	6354	0.1423	0.1311	0.0282	0.0012	0.0223	0.0534	0.0058	0.0021	0.0008	0.1199	0.2484
281	2025	ALT3	WB	AM	Mainline	0.71	0.90	18.17	4.17	6381	4739	0.0881	0.0811	0.0207	0.0009	0.0174	0.0411	0.0042	0.0017	0.0005	0.0700	0.1975
282	2025	ALT3	WB	AM	Mainline	1.01	1.28	24.32	6.07	9051	6757	0.1455	0.1341	0.0297	0.0013	0.0241	0.0573	0.0061	0.0023	0.0008	0.1214	0.2697
283	2025	ALT3	WB	AM	Mainline	0.95	1.21	24.06	5.66	8601	6398	0.1251	0.1153	0.0280	0.0012	0.0231	0.0549	0.0057	0.0022	0.0007	0.1014	0.2615
284	2025	ALT3	WB	AM	Mainline	1.22	1.57	32.17	7.09	11034	8173	0.1404	0.1294	0.0359	0.0016	0.0309	0.0727	0.0073	0.0030	0.0009	0.1077	0.3541
285	2025	ALT3	WB	AM	Mainline	0.85	1.08	21.63	5.00	7682	5698	0.1102	0.1016	0.0251	0.0011	0.0200	0.0477	0.0052	0.0020	0.0006	0.0888	0.2231
286	2025	ALT3	WB	AM	Mainline	0.76	0.98	20.15	4.42	6899	5100	0.0886	0.0817	0.0225	0.0010	0.0185	0.0440	0.0046	0.0019	0.0005	0.0683	0.2097
287	2025	ALT3	WB	AM	Mainline	1.35	1.71	34.05	7.85	12128	8985	0.1757	0.1619	0.0398	0.0018	0.0308	0.0741	0.0082	0.0031	0.0010	0.1420	0.3410
288	2025	ALT3	WB	AM	Mainline	0.15	0.18	3.50	0.80	1266	932	0.0187	0.0173	0.0043	0.0002	0.0029	0.0073	0.0009	0.0003	0.0001	0.0152	0.0310
289	2025	ALT3	WB	AM	Mainline	1.45	1.85	37.06	8.38	13043	9646	0.1831	0.1687	0.0429	0.0019	0.0329	0.0793	0.0088	0.0034	0.0011	0.1464	0.3645
290	2025	ALT3	WB	AM	Ramp	0.09	0.13	2.98	0.34	830	569	0.0046	0.0043	0.0029	0.0002	0.0007	0.0025	0.0007	0.0003	0.0001	0.0009	0.0034
291	2025	ALT3	WB	AM	Ramp	0.10	0.14	2.54	0.29	809	554	0.0052	0.0049	0.0031	0.0002	0.0007	0.0027	0.0007	0.0004	0.0001	0.0008	0.0038
292	2025	ALT3	WB	AM	Ramp	0.01	0.02	0.48	0.05	133	91	0.0007	0.0007	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0006
293	2025	ALT3	WB	AM	Ramp	0.18	0.27	2.59	0.33	1215	832	0.0110	0.0102	0.0059	0.0003	0.0019	0.0060	0.0013	0.0009	0.0001	0.0011	0.0150
294	2025	ALT3	WB	AM	Ramp	0.06	0.08	1.46	0.17	483	332	0.0033	0.0030	0.0019	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0005	0.0027
295	2025	ALT3	WB	AM	Ramp	0.12	0.17	1.88	0.25	801	553	0.0069	0.0064	0.0037	0.0002	0.0015	0.0045	0.0008	0.0005	0.0001	0.0011	0.0142
296	2025	ALT3	WB	AM	Ramp	0.05	0.07	1.02	0.13	388	268	0.0031	0.0029	0.0017	0.0001	0.0007	0.0019	0.0004	0.0002	0.0000	0.0006	0.0058
297	2025	ALT3	WB	AM	Ramp	0.67	0.88	15.25	3.23	5513	4051	0.0599	0.0552	0.0197	0.0008	0.0174	0.0409	0.0039	0.0019	0.0004	0.0384	0.2042
298	2025	ALT3	WB	AM	Ramp	0.01	0.01	0.22	0.02	65	45	0.0004	0.0004	0.0002	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0001	0.0003
299	2025	ALT3	WB	AM	Ramp	0.03	0.04	0.99	0.11	281	193	0.0016	0.0015	0.0010	0.0001	0.0002	0.0009	0.0002	0.0001	0.0000	0.0003	0.0012
300	2025	ALT3	WB	AM	Ramp	0.48	0.65	14.24	1.66	4160	2859	0.0251	0.0233	0.0151	0.0008	0.0040	0.0136	0.0034	0.0018	0.0003	0.0050	0.0226
301	2025	ALT3	WB	AM	Ramp	0.09	0.13	1.92	0.26	694	483	0.0055	0.0051	0.0028	0.0001	0.0012	0.0033	0.0006	0.0004	0.0001	0.0015	0.0105
302	2025	ALT3	WB	AM	Ramp	0.04	0.05	0.92	0.10	293	201	0.0019	0.0018	0.0011	0.0001	0.0003	0.0009	0.0003	0.0001	0.0000	0.0003	0.0012
303	2025	ALT3	WB	AM	Ramp	0.02	0.03	0.49	0.08	159	113	0.0013	0.0012	0.0006	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0006	0.0032

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
304	2025	ALT3	WB	AM	Ramp	0.07	0.10	1.32	0.16	528	362	0.0042	0.0039	0.0023	0.0001	0.0007	0.0023	0.0005	0.0003	0.0000	0.0005	0.0054
305	2025	ALT3	WB	AM	Ramp	0.04	0.06	1.16	0.16	371	259	0.0027	0.0025	0.0014	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0009	0.0048
306	2025	ALT3	WB	AM	Ramp	0.08	0.12	1.66	0.18	619	422	0.0045	0.0042	0.0026	0.0001	0.0005	0.0021	0.0006	0.0004	0.0001	0.0004	0.0021
307	2025	ALT3	WB	AM	Ramp	0.04	0.06	0.81	0.11	318	221	0.0027	0.0025	0.0014	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0006	0.0063
308	2025	ALT3	WB	AM	Ramp	0.14	0.19	2.26	0.29	946	651	0.0079	0.0074	0.0043	0.0002	0.0016	0.0047	0.0009	0.0006	0.0001	0.0011	0.0132
309	2025	ALT3	WB	AM	Ramp	0.03	0.04	0.56	0.11	228	164	0.0023	0.0021	0.0010	0.0000	0.0008	0.0020	0.0002	0.0001	0.0000	0.0010	0.0099
310	2025	ALT3	WB	AM	Ramp	0.38	0.53	8.37	1.18	2999	2095	0.0243	0.0224	0.0120	0.0006	0.0052	0.0147	0.0026	0.0015	0.0002	0.0074	0.0482
311	2025	ALT3	WB	AM	Ramp	0.08	0.11	1.55	0.22	592	413	0.0049	0.0046	0.0025	0.0001	0.0012	0.0034	0.0005	0.0003	0.0001	0.0013	0.0123
312	2025	ALT3	WB	AM	Ramp	0.04	0.05	0.97	0.12	306	212	0.0021	0.0019	0.0011	0.0001	0.0004	0.0011	0.0003	0.0001	0.0000	0.0005	0.0026
313	2025	ALT3	WB	AM	Ramp	0.17	0.23	5.14	0.67	1500	1044	0.0101	0.0093	0.0053	0.0003	0.0020	0.0058	0.0012	0.0006	0.0001	0.0035	0.0158
314	2025	ALT3	WB	AM	Ramp	0.04	0.06	1.13	0.13	362	249	0.0024	0.0022	0.0014	0.0001	0.0004	0.0012	0.0003	0.0002	0.0000	0.0004	0.0020
315	2025	ALT3	WB	AM	Ramp	0.08	0.11	1.70	0.23	612	427	0.0049	0.0045	0.0025	0.0001	0.0010	0.0030	0.0005	0.0003	0.0000	0.0014	0.0094
316	2025	ALT3	WB	AM	Ramp	0.04	0.06	1.09	0.13	355	244	0.0024	0.0022	0.0014	0.0001	0.0003	0.0012	0.0003	0.0002	0.0000	0.0004	0.0018
317	2025	ALT3	WB	AM	Ramp	0.05	0.07	1.00	0.14	368	258	0.0030	0.0028	0.0015	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0009	0.0070
318	2025	ALT3	WB	AM	Ramp	0.05	0.07	1.29	0.15	417	287	0.0028	0.0026	0.0016	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0005	0.0024
319	2025	ALT3	WB	AM	Ramp	0.10	0.14	2.21	0.28	785	543	0.0060	0.0055	0.0032	0.0002	0.0011	0.0034	0.0007	0.0004	0.0001	0.0013	0.0091
320	2025	ALT3	WB	AM	Ramp	0.03	0.05	0.84	0.10	273	188	0.0019	0.0018	0.0010	0.0001	0.0003	0.0010	0.0002	0.0001	0.0000	0.0004	0.0021
321	2025	ALT3	WB	AM	Ramp	0.11	0.15	2.15	0.26	807	556	0.0062	0.0058	0.0034	0.0002	0.0012	0.0036	0.0008	0.0005	0.0001	0.0010	0.0091
322	2025	ALT3	WB	AM	Ramp	0.05	0.07	0.92	0.11	347	239	0.0027	0.0025	0.0015	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0005	0.0045
323	2025	ALT3	WB	AM	Ramp	0.11	0.15	2.97	0.42	922	646	0.0069	0.0064	0.0033	0.0002	0.0015	0.0041	0.0007	0.0004	0.0001	0.0027	0.0133
324	2025	ALT3	WB	AM	Ramp	0.03	0.05	0.92	0.12	283	197	0.0020	0.0018	0.0010	0.0001	0.0004	0.0011	0.0002	0.0001	0.0000	0.0006	0.0031
325	2025	ALT3	WB	AM	Ramp	0.26	0.36	5.16	0.67	1928	1335	0.0152	0.0141	0.0081	0.0004	0.0032	0.0093	0.0018	0.0011	0.0002	0.0032	0.0278
326	2025	ALT3	WB	AM	Ramp																	
327	2025	ALT3	WB	AM	Ramp																	
328	2025	ALT3	WB	AM	Ramp	0.03	0.04	0.85	0.10	255	175	0.0016	0.0015	0.0009	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0003	0.0014
329	2025	ALT3	WB	AM	Ramp	0.11	0.16	2.42	0.31	881	609	0.0068	0.0063	0.0036	0.0002	0.0013	0.0040	0.0008	0.0005	0.0001	0.0014	0.0108
330	2025	ALT3	WB	AM	Ramp	0.02	0.02	0.50	0.07	153	106	0.0011	0.0010	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0003	0.0017
331	2025	ALT3	WB	AM	Ramp	0.14	0.19	3.88	0.50	1196	831	0.0083	0.0077	0.0044	0.0002	0.0016	0.0047	0.0010	0.0005	0.0001	0.0025	0.0126
332	2025	ALT3	WB	AM	Ramp	0.03	0.04	0.86	0.12	252	176	0.0018	0.0017	0.0009	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0008	0.0033
333	2025	ALT3	WB	AM	Ramp	0.10	0.13	2.80	0.38	857	598	0.0061	0.0057	0.0031	0.0002	0.0012	0.0036	0.0007	0.0004	0.0001	0.0022	0.0107
334	2025	ALT3	WB	AM	Ramp	0.04	0.06	1.20	0.16	360	252	0.0026	0.0024	0.0013	0.0001	0.0005	0.0015	0.0003	0.0001	0.0000	0.0010	0.0047
335	2025	ALT3	WB	AM	Ramp	0.16	0.21	4.08	0.60	1316	927	0.0105	0.0097	0.0048	0.0002	0.0023	0.0064	0.0010	0.0005	0.0001	0.0043	0.0227
336	2025	ALT3	WB	AM	Ramp	0.11	0.15	2.82	0.40	907	637	0.0070	0.0065	0.0033	0.0002	0.0015	0.0042	0.0007	0.0004	0.0001	0.0027	0.0142
337	2025	ALT3	WB	AM	Ramp	0.05	0.06	1.12	0.22	390	284	0.0040	0.0037	0.0014	0.0001	0.0011	0.0027	0.0003	0.0001	0.0000	0.0024	0.0128
338	2025	ALT3	WB	AM	Ramp	0.04	0.05	0.87	0.20	319	237	0.0037	0.0034	0.0011	0.0000	0.0011	0.0026	0.0002	0.0001	0.0000	0.0026	0.0133
339	2025	ALT3	WB	AM	Ramp	0.13	0.17	4.15	0.58	1184	826	0.0081	0.0075	0.0041	0.0002	0.0015	0.0045	0.0009	0.0004	0.0001	0.0036	0.0117
340	2025	ALT3	WB	AM	Ramp	0.71	0.95	16.90	2.95	5840	4190	0.0541	0.0500	0.0214	0.0010	0.0141	0.0353	0.0045	0.0023	0.0004	0.0279	0.1531
341	2025	ALT3	WB	AM	Ramp	0.77	1.04	15.10	2.79	5803	4168	0.0569	0.0526	0.0232	0.0010	0.0167	0.0410	0.0048	0.0026	0.0005	0.0274	0.1875
342	2025	ALT3	WB	AM	Ramp	0.09	0.13	2.24	0.30	745	518	0.0055	0.0051	0.0028	0.0001	0.0010	0.0031	0.0006	0.0004	0.0001	0.0016	0.0084
343	2025	ALT3	WB	AM	Ramp	0.07	0.10	0.98	0.27	448	335	0.0055	0.0050	0.0021	0.0001	0.0029	0.0064	0.0004	0.0002	0.0000	0.0034	0.0371
344	2025	ALT3	WB	AM	Ramp	0.08	0.11	1.91	0.25	632	439	0.0047	0.0043	0.0024	0.0001	0.0009	0.0026	0.0005	0.0003	0.0000	0.0013	0.0070
345	2025	ALT3	WB	AM	Ramp	0.04	0.05	0.55	0.12	239	174	0.0026	0.0024	0.0011	0.0000	0.0012	0.0027	0.0002	0.0001	0.0000	0.0013	0.0143
346	2025	ALT3	WB	AM	Ramp	0.04	0.06	0.73	0.13	288	205	0.0027	0.0025	0.0012	0.0001	0.0009	0.0022	0.0003	0.0001	0.0000	0.0011	0.0099
347	2025	ALT3	WB	AM	Ramp	0.04	0.05	0.91	0.11	308	213	0.0022	0.0021	0.0012	0.0001	0.0004	0.0012	0.0003	0.0002	0.0000	0.0005	0.0025
348	2025	ALT3	WB	AM	Ramp	0.35	0.48	9.00	1.25	2929	2048	0.0223	0.0206	0.0109	0.0005	0.0046	0.0131	0.0024	0.0013	0.0002	0.0077	0.0409
349	2025	ALT3	WB	AM	Ramp	0.04	0.05	1.00	0.16	328	234	0.0028	0.0026	0.0012	0.0001	0.0007	0.0018	0.0003	0.0001	0.0000	0.0014	0.0071
350	2025	ALT3	WB	AM	Ramp	0.05	0.06	1.49	0.19	423	293	0.0027	0.0025	0.0015	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0035
351	2025	ALT3	WB	AM	Ramp	0.04	0.05	0.56	0.15	246	184	0.0030	0.0028	0.0011	0.0000	0.0013	0.0029	0.0002	0.0001	0.0000	0.0019	0.0165

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlel+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
352	2025	ALT3	WB	AM	Ramp	0.03	0.04	0.64	0.08	224	155	0.0017	0.0016	0.0009	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0004	0.0026
353	2025	ALT3	WB	AM	Ramp	0.06	0.08	1.66	0.21	508	352	0.0035	0.0032	0.0019	0.0001	0.0006	0.0020	0.0004	0.0002	0.0000	0.0010	0.0050
354	2025	ALT3	WB	AM	Ramp	0.28	0.39	4.55	0.66	1891	1317	0.0166	0.0154	0.0087	0.0004	0.0047	0.0125	0.0018	0.0011	0.0002	0.0039	0.0489
355	2025	ALT3	WB	AM	Ramp	0.05	0.07	1.18	0.16	405	281	0.0031	0.0028	0.0016	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0008	0.0045
356	2025	ALT3	WB	AM	Ramp	0.12	0.16	2.02	0.26	816	563	0.0067	0.0062	0.0037	0.0002	0.0014	0.0041	0.0008	0.0005	0.0001	0.0011	0.0121
357	2025	ALT3	WB	AM	Ramp	0.22	0.32	3.64	0.47	1539	1059	0.0130	0.0121	0.0071	0.0004	0.0026	0.0079	0.0015	0.0010	0.0001	0.0019	0.0226
358	2025	ALT3	WB	AM	Ramp	0.13	0.17	1.55	0.31	719	513	0.0074	0.0068	0.0037	0.0002	0.0037	0.0085	0.0007	0.0004	0.0001	0.0026	0.0448
359	2025	ALT3	WB	AM	Ramp	0.13	0.19	2.08	0.27	895	615	0.0077	0.0071	0.0042	0.0002	0.0015	0.0046	0.0009	0.0006	0.0001	0.0010	0.0127
360	2025	ALT3	WB	AM	Ramp	0.11	0.15	1.49	0.26	678	478	0.0066	0.0061	0.0034	0.0002	0.0026	0.0063	0.0007	0.0004	0.0001	0.0018	0.0301
361	2025	ALT3	WB	AM	Ramp	0.07	0.11	1.18	0.16	502	347	0.0044	0.0041	0.0024	0.0001	0.0011	0.0030	0.0005	0.0003	0.0000	0.0008	0.0103
362	2025	ALT3	WB	AM	Ramp	0.07	0.10	1.50	0.23	553	389	0.0047	0.0044	0.0022	0.0001	0.0012	0.0031	0.0005	0.0003	0.0000	0.0016	0.0116
363	2025	ALT3	WB	AM	Ramp	0.11	0.16	2.25	0.27	852	586	0.0065	0.0060	0.0036	0.0002	0.0011	0.0037	0.0008	0.0005	0.0001	0.0010	0.0086
364	2025	ALT3	WB	AM	HOV																	
365	2025	ALT3	WB	AM	HOV																	
366	2025	ALT3	WB	AM	HOT	0.13	0.16	3.35	0.42	998	680	0.0042	0.0039	0.0040	0.0002	0.0008	0.0030	0.0009	0.0003	0.0000	0.0005	0.0009
367	2025	ALT3	WB	AM	HOT	0.25	0.32	6.52	0.82	1940	1321	0.0082	0.0076	0.0077	0.0004	0.0015	0.0058	0.0018	0.0006	0.0001	0.0010	0.0017
368	2025	ALT3	WB	AM	HOT	0.16	0.20	4.16	0.52	1237	843	0.0052	0.0048	0.0049	0.0003	0.0009	0.0037	0.0011	0.0004	0.0001	0.0006	0.0011
369	2025	ALT3	WB	AM	HOT	0.24	0.30	6.25	0.79	1860	1267	0.0079	0.0073	0.0074	0.0004	0.0014	0.0056	0.0017	0.0006	0.0001	0.0009	0.0016
370	2025	ALT3	WB	AM	HOT	0.12	0.15	3.17	0.40	944	643	0.0040	0.0037	0.0037	0.0002	0.0007	0.0028	0.0009	0.0003	0.0000	0.0005	0.0008
371	2025	ALT3	WB	AM	HOT	0.11	0.15	3.01	0.38	895	610	0.0038	0.0035	0.0035	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0004	0.0008
372	2025	ALT3	WB	AM	HOT	0.12	0.15	3.13	0.39	932	635	0.0039	0.0037	0.0037	0.0002	0.0007	0.0028	0.0008	0.0003	0.0000	0.0005	0.0008
373	2025	ALT3	WB	AM	HOT	0.05	0.07	1.44	0.18	429	292	0.0018	0.0017	0.0017	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0004
374	2025	ALT3	WB	AM	HOT	0.08	0.11	2.23	0.28	663	452	0.0028	0.0026	0.0026	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0006
375	2025	ALT3	WB	AM	HOT	0.05	0.07	1.46	0.18	434	296	0.0018	0.0017	0.0017	0.0001	0.0003	0.0013	0.0004	0.0001	0.0000	0.0002	0.0004
376	2025	ALT3	WB	AM	HOT	0.25	0.32	6.55	0.82	1948	1327	0.0082	0.0076	0.0077	0.0004	0.0015	0.0059	0.0018	0.0006	0.0001	0.0010	0.0017
377	2025	ALT3	WB	AM	HOT	0.15	0.20	3.92	0.50	1187	808	0.0050	0.0046	0.0048	0.0003	0.0009	0.0036	0.0011	0.0004	0.0001	0.0006	0.0010
378	2025	ALT3	WB	AM	HOT	0.07	0.09	1.83	0.23	553	377	0.0023	0.0022	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
379	2025	ALT3	WB	AM	HOT	0.49	0.63	12.39	1.56	3767	2566	0.0159	0.0147	0.0153	0.0008	0.0030	0.0116	0.0035	0.0012	0.0002	0.0019	0.0032
380	2025	ALT3	WB	AM	HOT	0.11	0.14	2.77	0.35	841	573	0.0035	0.0033	0.0034	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0007
381	2025	ALT3	WB	AM	HOT	0.13	0.16	3.20	0.40	972	662	0.0041	0.0038	0.0040	0.0002	0.0008	0.0030	0.0009	0.0003	0.0000	0.0005	0.0008
382	2025	ALT3	WB	AM	HOT	0.12	0.15	2.97	0.38	903	615	0.0038	0.0035	0.0037	0.0002	0.0007	0.0028	0.0008	0.0003	0.0000	0.0005	0.0008
383	2025	ALT3	WB	AM	HOT	0.43	0.55	10.89	1.37	3311	2255	0.0140	0.0129	0.0135	0.0007	0.0026	0.0102	0.0031	0.0011	0.0002	0.0017	0.0028
384	2025	ALT3	WB	AM	HOT	0.06	0.08	1.60	0.20	487	332	0.0021	0.0019	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0002	0.0004
385	2025	ALT3	WB	AM	HOT	0.27	0.35	6.84	0.86	2080	1417	0.0088	0.0081	0.0084	0.0005	0.0016	0.0064	0.0019	0.0007	0.0001	0.0011	0.0018
386	2025	ALT3	WB	AM	HOT	0.16	0.20	4.05	0.51	1232	839	0.0052	0.0048	0.0050	0.0003	0.0010	0.0038	0.0011	0.0004	0.0001	0.0006	0.0011
387	2025	ALT3	WB	AM	HOT	0.40	0.51	10.10	1.27	3071	2091	0.0129	0.0120	0.0125	0.0007	0.0024	0.0095	0.0029	0.0010	0.0001	0.0016	0.0026
388	2025	ALT3	WB	AM	HOT	0.12	0.15	3.01	0.38	915	623	0.0039	0.0036	0.0037	0.0002	0.0007	0.0028	0.0009	0.0003	0.0000	0.0005	0.0008
389	2025	ALT3	WB	AM	HOT	0.10	0.13	2.63	0.33	800	545	0.0034	0.0031	0.0032	0.0002	0.0006	0.0025	0.0007	0.0003	0.0000	0.0004	0.0007
390	2025	ALT3	WB	AM	HOT	0.08	0.10	1.87	0.24	588	400	0.0025	0.0023	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0005
391	2025	ALT3	WB	AM	HOT	0.31	0.40	7.35	0.93	2305	1570	0.0097	0.0090	0.0097	0.0005	0.0019	0.0074	0.0022	0.0008	0.0001	0.0012	0.0019
392	2025	ALT3	WB	AM	HOT	0.02	0.03	0.47	0.06	147	100	0.0006	0.0006	0.0006	0.0000	0.0001	0.0005	0.0001	0.0000	0.0000	0.0001	0.0001
393	2025	ALT3	WB	AM	HOT	0.27	0.34	6.27	0.79	1966	1339	0.0083	0.0077	0.0083	0.0004	0.0016	0.0063	0.0019	0.0006	0.0001	0.0010	0.0016
394	2025	ALT3	WB	AM	HOT	0.04	0.05	0.89	0.11	280	190	0.0012	0.0011	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
395	2025	ALT3	WB	AM	HOT	0.25	0.32	5.91	0.75	1854	1262	0.0078	0.0072	0.0078	0.0004	0.0015	0.0060	0.0018	0.0006	0.0001	0.0009	0.0015
396	2025	ALT3	WB	AM	HOT	0.18	0.23	4.22	0.53	1322	900	0.0056	0.0052	0.0056	0.0003	0.0011	0.0042	0.0013	0.0004	0.0001	0.0007	0.0011
397	2025	ALT3	WB	AM	HOT	0.25	0.32	6.02	0.76	1887	1285	0.0080	0.0074	0.0080	0.0004	0.0015	0.0061	0.0018	0.0006	0.0001	0.0010	0.0016
398	2025	ALT3	WB	AM	HOT	0.07	0.09	1.72	0.22	540	368	0.0023	0.0021	0.0023	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
399	2025	ALT3	WB	AM	HOT	0.25	0.32	5.97	0.75	1873	1275	0.0079	0.0073	0.0079	0.0004	0.0015	0.0060	0.0018	0.0006	0.0001	0.0010	0.0016

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
400	2025	ALT3	WB	AM	HOT	0.37	0.47	8.63	1.09	2706	1843	0.0114	0.0106	0.0114	0.0006	0.0022	0.0087	0.0026	0.0009	0.0001	0.0014	0.0022
401	2025	ALT3	WB	AM	HOT	0.34	0.43	8.10	1.02	2522	1718	0.0106	0.0098	0.0105	0.0006	0.0020	0.0080	0.0024	0.0008	0.0001	0.0013	0.0021
402	2025	ALT3	WB	AM	HOT	0.24	0.31	5.84	0.74	1819	1239	0.0077	0.0071	0.0076	0.0004	0.0015	0.0058	0.0017	0.0006	0.0001	0.0009	0.0015
403	2025	ALT3	WB	AM	HOT	0.17	0.22	4.18	0.53	1302	887	0.0055	0.0051	0.0054	0.0003	0.0011	0.0041	0.0012	0.0004	0.0001	0.0007	0.0011
404	2025	ALT3	WB	AM	HOT	0.17	0.21	4.03	0.51	1256	855	0.0053	0.0049	0.0052	0.0003	0.0010	0.0040	0.0012	0.0004	0.0001	0.0006	0.0010
405	2025	ALT3	WB	AM	HOT	0.32	0.41	7.69	0.97	2395	1631	0.0101	0.0093	0.0100	0.0005	0.0019	0.0076	0.0023	0.0008	0.0001	0.0012	0.0020
406	2025	ALT3	WB	AM	HOT	0.18	0.23	4.35	0.55	1353	921	0.0057	0.0053	0.0056	0.0003	0.0011	0.0043	0.0013	0.0004	0.0001	0.0007	0.0011
407	2025	ALT3	WB	AM	HOT	0.25	0.32	6.01	0.76	1871	1274	0.0079	0.0073	0.0078	0.0004	0.0015	0.0059	0.0018	0.0006	0.0001	0.0010	0.0016
408	2025	ALT3	WB	AM	HOT	0.19	0.25	4.66	0.59	1452	989	0.0061	0.0057	0.0061	0.0003	0.0012	0.0046	0.0014	0.0005	0.0001	0.0007	0.0012
409	2025	ALT3	WB	AM	HOT	0.29	0.37	7.03	0.89	2189	1491	0.0092	0.0085	0.0091	0.0005	0.0018	0.0069	0.0021	0.0007	0.0001	0.0011	0.0018
410	2025	ALT3	WB	AM	HOT	0.25	0.33	6.80	0.86	2012	1370	0.0085	0.0079	0.0079	0.0004	0.0015	0.0060	0.0018	0.0007	0.0001	0.0010	0.0018
411	2025	ALT3	WB	AM	HOT	0.35	0.45	9.49	1.19	2807	1912	0.0119	0.0110	0.0111	0.0006	0.0021	0.0084	0.0025	0.0009	0.0001	0.0014	0.0025
412	2025	ALT3	WB	AM	HOT	0.81	1.05	21.85	2.75	6467	4405	0.0273	0.0253	0.0255	0.0014	0.0049	0.0194	0.0058	0.0021	0.0003	0.0032	0.0057
413	2025	ALT3	WB	AM	HOT	0.44	0.56	11.70	1.47	3463	2359	0.0146	0.0136	0.0136	0.0007	0.0026	0.0104	0.0031	0.0011	0.0002	0.0017	0.0031
414	2025	ALT3	WB	AM	HOT	0.17	0.22	4.49	0.56	1328	904	0.0056	0.0052	0.0052	0.0003	0.0010	0.0040	0.0012	0.0004	0.0001	0.0007	0.0012
415	2025	ALT3	WB	AM	HOT	0.09	0.11	2.29	0.29	679	462	0.0029	0.0027	0.0027	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0006
416	2025	ALT3	WB	AM	HOT	0.36	0.47	9.78	1.23	2893	1971	0.0122	0.0113	0.0114	0.0006	0.0022	0.0087	0.0026	0.0010	0.0001	0.0014	0.0026
417	2025	ALT3	WB	AM	HOT	0.09	0.11	2.29	0.29	678	462	0.0029	0.0027	0.0027	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0006
418	2025	ALT3	WB	AM	HOT	0.01	0.02	0.36	0.04	105	72	0.0004	0.0004	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
419	2025	ALT3	WB	AM	HOT	0.37	0.48	10.00	1.26	2960	2016	0.0125	0.0116	0.0117	0.0006	0.0023	0.0089	0.0027	0.0010	0.0001	0.0015	0.0026
420	2025	ALT3	WB	AM	HOT	0.21	0.27	5.45	0.69	1643	1119	0.0069	0.0064	0.0066	0.0004	0.0013	0.0050	0.0015	0.0005	0.0001	0.0008	0.0014
421	2025	ALT3	WB	AM	HOT	0.35	0.45	8.98	1.13	2706	1843	0.0114	0.0106	0.0109	0.0006	0.0021	0.0083	0.0025	0.0009	0.0001	0.0014	0.0023
422	2025	ALT3	WB	AM	HOT	0.24	0.31	6.30	0.80	1900	1294	0.0080	0.0074	0.0076	0.0004	0.0015	0.0058	0.0018	0.0006	0.0001	0.0010	0.0016
423	2025	ALT3	WB	AM	HOT	0.23	0.30	5.97	0.75	1799	1225	0.0076	0.0070	0.0072	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0016
424	2025	ALT3	WB	AM	HOT	0.27	0.35	7.08	0.89	2135	1454	0.0090	0.0084	0.0086	0.0005	0.0017	0.0065	0.0020	0.0007	0.0001	0.0011	0.0018
425	2025	ALT3	WB	AM	HOT	0.53	0.68	13.66	1.72	4117	2804	0.0174	0.0161	0.0166	0.0009	0.0032	0.0126	0.0038	0.0013	0.0002	0.0021	0.0036
426	2025	ALT3	WB	AM	HOT	0.13	0.17	3.34	0.42	1007	686	0.0042	0.0039	0.0041	0.0002	0.0008	0.0031	0.0009	0.0003	0.0000	0.0005	0.0009
427	2025	ALT3	WB	AM	HOT	0.31	0.39	7.89	1.00	2380	1621	0.0100	0.0093	0.0096	0.0005	0.0019	0.0073	0.0022	0.0008	0.0001	0.0012	0.0021
428	2025	ALT3	WB	AM	HOT	0.16	0.21	4.15	0.52	1252	853	0.0053	0.0049	0.0050	0.0003	0.0010	0.0038	0.0012	0.0004	0.0001	0.0006	0.0011
429	2025	ALT3	WB	AM	HOT	0.31	0.40	7.94	1.00	2395	1631	0.0101	0.0094	0.0096	0.0005	0.0019	0.0073	0.0022	0.0008	0.0001	0.0012	0.0021
430	2025	ALT3	WB	AM	HOT	0.32	0.42	9.95	1.19	2750	1873	0.0118	0.0109	0.0101	0.0005	0.0019	0.0077	0.0023	0.0009	0.0001	0.0013	0.0026
431	2025	ALT3	WB	AM	HOT	0.21	0.28	6.63	0.79	1834	1249	0.0079	0.0073	0.0067	0.0004	0.0013	0.0051	0.0015	0.0006	0.0001	0.0008	0.0018
432	2025	ALT3	WB	AM	HOT	0.33	0.43	10.20	1.22	2820	1921	0.0121	0.0112	0.0104	0.0006	0.0020	0.0078	0.0024	0.0010	0.0001	0.0013	0.0027
433	2025	ALT3	WB	AM	HOT	0.30	0.40	9.60	1.14	2629	1791	0.0114	0.0105	0.0096	0.0005	0.0018	0.0073	0.0022	0.0009	0.0001	0.0012	0.0026
434	2025	ALT3	WB	AM	HOT	0.36	0.47	11.30	1.34	3097	2109	0.0134	0.0124	0.0113	0.0006	0.0021	0.0085	0.0026	0.0011	0.0002	0.0014	0.0030
435	2025	ALT3	WB	AM	HOT	0.28	0.36	8.72	1.03	2390	1628	0.0103	0.0096	0.0087	0.0005	0.0017	0.0066	0.0020	0.0008	0.0001	0.0011	0.0023
436	2025	ALT3	WB	AM	HOT	0.23	0.31	7.33	0.87	2009	1368	0.0087	0.0081	0.0073	0.0004	0.0014	0.0055	0.0017	0.0007	0.0001	0.0009	0.0020
437	2025	ALT3	WB	AM	HOT	0.45	0.59	14.07	1.67	3855	2626	0.0167	0.0155	0.0140	0.0008	0.0027	0.0106	0.0032	0.0013	0.0002	0.0018	0.0038
216	2025	ALT3	WB	MD	Mainline	1.70	2.13	36.65	9.04	14175	10469	0.2415	0.2225	0.0506	0.0024	0.0323	0.0810	0.0108	0.0037	0.0013	0.2027	0.3313
217	2025	ALT3	WB	MD	Mainline	3.23	4.05	68.21	17.26	26776	19824	0.4739	0.4365	0.0962	0.0045	0.0620	0.1553	0.0204	0.0069	0.0026	0.4012	0.6392
218	2025	ALT3	WB	MD	Mainline	2.06	2.57	43.23	11.11	17076	12667	0.3080	0.2837	0.0611	0.0028	0.0402	0.1001	0.0130	0.0044	0.0017	0.2620	0.4171
219	2025	ALT3	WB	MD	Mainline	2.89	3.62	62.29	16.21	24537	18258	0.4435	0.4085	0.0857	0.0039	0.0595	0.1464	0.0180	0.0062	0.0024	0.3785	0.6316
220	2025	ALT3	WB	MD	Mainline	1.61	2.03	35.76	8.77	13666	10101	0.2279	0.2099	0.0480	0.0022	0.0316	0.0788	0.0102	0.0035	0.0013	0.1904	0.3293
221	2025	ALT3	WB	MD	Mainline	1.47	1.84	32.03	8.07	12427	9211	0.2155	0.1985	0.0437	0.0020	0.0293	0.0726	0.0092	0.0032	0.0012	0.1820	0.3069
222	2025	ALT3	WB	MD	Mainline	1.75	2.20	37.86	9.07	14496	10663	0.2384	0.2196	0.0524	0.0025	0.0319	0.0810	0.0112	0.0038	0.0013	0.1979	0.3210
223	2025	ALT3	WB	MD	Mainline	0.84	1.05	18.31	4.32	6946	5102	0.1115	0.1027	0.0250	0.0012	0.0151	0.0384	0.0053	0.0018	0.0006	0.0920	0.1519
224	2025	ALT3	WB	MD	Mainline	1.00	1.26	22.13	4.81	8159	5929	0.1175	0.1082	0.0302	0.0015	0.0161	0.0423	0.0065	0.0022	0.0007	0.0935	0.1524
225	2025	ALT3	WB	MD	Mainline	0.64	0.80	13.92	3.08	5177	3769	0.0765	0.0705	0.0192	0.0009	0.0104	0.0272	0.0042	0.0014	0.0004	0.0614	0.0991

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
226	2025	ALT3	WB	MD	Mainline	2.95	3.70	61.65	13.82	23337	16991	0.3567	0.3287	0.0889	0.0043	0.0468	0.1235	0.0193	0.0064	0.0021	0.2883	0.4385
227	2025	ALT3	WB	MD	Mainline	1.15	1.44	23.90	5.11	8926	6459	0.1279	0.1179	0.0347	0.0017	0.0169	0.0456	0.0076	0.0025	0.0008	0.1011	0.1518
228	2025	ALT3	WB	MD	Mainline	0.65	0.82	13.74	2.81	5054	3638	0.0678	0.0625	0.0199	0.0010	0.0091	0.0250	0.0044	0.0014	0.0004	0.0522	0.0786
229	2025	ALT3	WB	MD	Mainline	3.87	4.87	84.09	18.07	31047	22511	0.4420	0.4074	0.1169	0.0057	0.0600	0.1595	0.0254	0.0086	0.0026	0.3497	0.5561
230	2025	ALT3	WB	MD	Mainline	0.98	1.23	20.84	4.41	7708	5575	0.1082	0.0997	0.0296	0.0015	0.0145	0.0391	0.0065	0.0022	0.0006	0.0850	0.1312
231	2025	ALT3	WB	MD	Mainline	1.01	1.27	21.88	4.76	8106	5887	0.1173	0.1081	0.0304	0.0015	0.0159	0.0420	0.0066	0.0022	0.0007	0.0934	0.1489
232	2025	ALT3	WB	MD	Mainline	1.07	1.35	22.98	4.89	8501	6153	0.1199	0.1105	0.0325	0.0016	0.0161	0.0433	0.0071	0.0024	0.0007	0.0944	0.1467
233	2025	ALT3	WB	MD	Mainline	3.24	4.10	76.82	16.56	27457	20001	0.3790	0.3493	0.0973	0.0046	0.0566	0.1454	0.0209	0.0075	0.0023	0.2985	0.5613
234	2025	ALT3	WB	MD	Mainline	0.55	0.69	12.57	2.64	4512	3271	0.0610	0.0562	0.0165	0.0008	0.0088	0.0231	0.0036	0.0012	0.0004	0.0476	0.0833
235	2025	ALT3	WB	MD	Mainline	2.06	2.61	49.35	10.53	17507	12742	0.2373	0.2187	0.0619	0.0029	0.0359	0.0923	0.0133	0.0048	0.0014	0.1858	0.3557
236	2025	ALT3	WB	MD	Mainline	1.39	1.75	31.95	6.77	11495	8341	0.1572	0.1449	0.0418	0.0020	0.0226	0.0592	0.0090	0.0032	0.0009	0.1231	0.2164
237	2025	ALT3	WB	MD	Mainline	2.08	2.61	44.09	10.25	16802	12299	0.2678	0.2467	0.0624	0.0030	0.0354	0.0915	0.0134	0.0045	0.0015	0.2197	0.3445
238	2025	ALT3	WB	MD	Mainline	0.67	0.84	14.41	3.25	5413	3949	0.0826	0.0761	0.0201	0.0010	0.0111	0.0289	0.0043	0.0015	0.0005	0.0669	0.1068
239	2025	ALT3	WB	MD	Mainline	0.59	0.75	12.91	2.89	4830	3522	0.0728	0.0671	0.0179	0.0009	0.0098	0.0256	0.0039	0.0013	0.0004	0.0588	0.0943
240	2025	ALT3	WB	MD	Mainline	0.76	0.96	16.78	3.52	6126	4429	0.0839	0.0773	0.0231	0.0011	0.0115	0.0309	0.0050	0.0017	0.0005	0.0655	0.1051
241	2025	ALT3	WB	MD	Mainline	2.74	3.46	60.86	13.07	22323	16197	0.3157	0.2909	0.0828	0.0040	0.0434	0.1148	0.0180	0.0061	0.0019	0.2497	0.4082
242	2025	ALT3	WB	MD	Mainline	0.20	0.25	4.29	0.91	1578	1141	0.0219	0.0202	0.0060	0.0003	0.0030	0.0080	0.0013	0.0004	0.0001	0.0172	0.0270
243	2025	ALT3	WB	MD	Mainline	2.35	2.97	52.20	11.33	19215	13962	0.2759	0.2542	0.0710	0.0034	0.0379	0.0997	0.0154	0.0053	0.0016	0.2194	0.3595
244	2025	ALT3	WB	MD	Mainline	0.35	0.44	7.74	1.66	2831	2055	0.0400	0.0368	0.0104	0.0005	0.0055	0.0146	0.0023	0.0008	0.0002	0.0316	0.0526
245	2025	ALT3	WB	MD	Mainline	2.19	2.76	48.37	10.63	17903	13026	0.2616	0.2411	0.0661	0.0032	0.0357	0.0937	0.0143	0.0049	0.0015	0.2093	0.3411
246	2025	ALT3	WB	MD	Mainline	1.65	2.07	36.90	7.95	13495	9800	0.1908	0.1759	0.0496	0.0024	0.0265	0.0697	0.0107	0.0037	0.0011	0.1511	0.2519
247	2025	ALT3	WB	MD	Mainline	2.21	2.78	48.49	10.79	18047	13151	0.2688	0.2477	0.0666	0.0032	0.0365	0.0954	0.0144	0.0049	0.0016	0.2164	0.3512
248	2025	ALT3	WB	MD	Mainline	0.70	0.89	15.08	3.29	5619	4080	0.0821	0.0757	0.0213	0.0010	0.0110	0.0292	0.0046	0.0015	0.0005	0.0655	0.1023
249	2025	ALT3	WB	MD	Mainline	2.26	2.83	47.13	10.64	17880	13031	0.2759	0.2542	0.0679	0.0033	0.0361	0.0951	0.0147	0.0049	0.0016	0.2237	0.3410
250	2025	ALT3	WB	MD	Mainline	3.60	4.53	77.22	16.98	28832	20959	0.4258	0.3924	0.1086	0.0053	0.0570	0.1507	0.0236	0.0079	0.0025	0.3409	0.5351
251	2025	ALT3	WB	MD	Mainline	2.63	3.31	56.94	13.07	21486	15714	0.3347	0.3084	0.0790	0.0038	0.0449	0.1161	0.0170	0.0058	0.0019	0.2731	0.4390
252	2025	ALT3	WB	MD	Mainline	2.20	2.76	46.94	10.48	17627	12837	0.2659	0.2451	0.0662	0.0032	0.0354	0.0931	0.0144	0.0048	0.0015	0.2144	0.3359
253	2025	ALT3	WB	MD	Mainline	1.57	1.98	33.61	7.50	12624	9194	0.1905	0.1755	0.0474	0.0023	0.0254	0.0667	0.0103	0.0034	0.0011	0.1536	0.2406
254	2025	ALT3	WB	MD	Mainline	1.53	1.92	32.80	7.28	12283	8939	0.1836	0.1692	0.0462	0.0022	0.0245	0.0646	0.0100	0.0034	0.0011	0.1476	0.2319
255	2025	ALT3	WB	MD	Mainline	2.54	3.19	54.93	12.76	20805	15242	0.3292	0.3033	0.0761	0.0036	0.0442	0.1136	0.0163	0.0056	0.0019	0.2700	0.4360
256	2025	ALT3	WB	MD	Mainline	1.66	2.08	35.50	7.94	13331	9713	0.2016	0.1858	0.0500	0.0024	0.0269	0.0706	0.0108	0.0036	0.0012	0.1627	0.2559
257	2025	ALT3	WB	MD	Mainline	2.04	2.57	44.69	10.24	16797	12288	0.2601	0.2396	0.0612	0.0029	0.0352	0.0908	0.0132	0.0045	0.0015	0.2121	0.3464
258	2025	ALT3	WB	MD	Mainline	1.96	2.46	40.90	9.08	15439	11225	0.2328	0.2145	0.0591	0.0029	0.0306	0.0811	0.0129	0.0043	0.0014	0.1872	0.2840
259	2025	ALT3	WB	MD	Mainline	2.74	3.44	58.52	13.07	21973	16004	0.3316	0.3056	0.0824	0.0040	0.0442	0.1162	0.0179	0.0060	0.0019	0.2674	0.4199
260	2025	ALT3	WB	MD	Mainline	1.93	2.42	40.66	8.94	15270	11093	0.2270	0.2091	0.0583	0.0028	0.0300	0.0797	0.0127	0.0042	0.0013	0.1818	0.2782
261	2025	ALT3	WB	MD	Mainline	2.38	2.99	50.80	11.36	19088	13905	0.2887	0.2660	0.0716	0.0035	0.0385	0.1010	0.0155	0.0052	0.0017	0.2329	0.3653
262	2025	ALT3	WB	MD	Mainline	6.11	7.65	127.02	29.47	48661	35582	0.7790	0.7177	0.1835	0.0088	0.1013	0.2639	0.0397	0.0132	0.0045	0.6389	0.9735
263	2025	ALT3	WB	MD	Mainline	2.96	3.71	62.74	14.73	23993	17587	0.3875	0.3570	0.0888	0.0042	0.0511	0.1316	0.0191	0.0064	0.0022	0.3193	0.5015
264	2025	ALT3	WB	MD	Mainline	1.12	1.41	25.97	6.06	9594	7061	0.1474	0.1358	0.0334	0.0015	0.0217	0.0543	0.0071	0.0025	0.0008	0.1205	0.2256
265	2025	ALT3	WB	MD	Mainline	0.63	0.79	13.91	3.30	5263	3872	0.0845	0.0779	0.0188	0.0009	0.0116	0.0294	0.0040	0.0014	0.0005	0.0698	0.1185
266	2025	ALT3	WB	MD	Mainline	2.14	2.68	46.60	11.79	18106	13428	0.3153	0.2905	0.0635	0.0029	0.0429	0.1062	0.0134	0.0046	0.0017	0.2666	0.4507
267	2025	ALT3	WB	MD	Mainline	0.67	0.84	14.97	3.63	5675	4191	0.0929	0.0856	0.0199	0.0009	0.0131	0.0327	0.0042	0.0015	0.0005	0.0773	0.1368
268	2025	ALT3	WB	MD	Mainline	0.12	0.15	2.71	0.66	1030	760	0.0169	0.0155	0.0036	0.0002	0.0024	0.0059	0.0008	0.0003	0.0001	0.0140	0.0245
269	2025	ALT3	WB	MD	Mainline	3.05	3.84	69.51	17.20	26359	19544	0.4364	0.4020	0.0905	0.0041	0.0635	0.1559	0.0190	0.0068	0.0024	0.3649	0.6780
270	2025	ALT3	WB	MD	Mainline	1.37	1.73	32.28	7.83	11993	8890	0.1902	0.1753	0.0405	0.0018	0.0293	0.0714	0.0085	0.0031	0.0011	0.1575	0.3166
271	2025	ALT3	WB	MD	Mainline	2.04	2.58	50.65	12.08	18330	13639	0.2762	0.2545	0.0599	0.0026	0.0483	0.1151	0.0123	0.0047	0.0016	0.2264	0.5413
272	2025	ALT3	WB	MD	Mainline	1.40	1.76	32.93	8.60	12541	9413	0.2127	0.1959	0.0409	0.0018	0.0347	0.0818	0.0083	0.0031	0.0012	0.1802	0.3931
273	2025	ALT3	WB	MD	Mainline	1.46	1.83	32.87	8.61	12754	9530	0.2248	0.2071	0.0430	0.0019	0.0328	0.0790	0.0089	0.0032	0.0012	0.1914	0.3596

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
274	2025	ALT3	WB	MD	Mainline	1.70	2.13	37.66	10.03	14782	11060	0.2677	0.2465	0.0500	0.0022	0.0382	0.0920	0.0104	0.0037	0.0015	0.2293	0.4185
275	2025	ALT3	WB	MD	Mainline	3.00	3.75	62.64	17.78	25700	19324	0.5162	0.4753	0.0884	0.0040	0.0672	0.1620	0.0184	0.0063	0.0027	0.4514	0.7338
276	2025	ALT3	WB	MD	Mainline	0.83	1.04	17.04	4.70	6947	5198	0.1367	0.1259	0.0245	0.0011	0.0174	0.0427	0.0052	0.0017	0.0007	0.1187	0.1860
277	2025	ALT3	WB	MD	Mainline	1.75	2.18	36.52	10.50	15058	11343	0.3062	0.2820	0.0515	0.0023	0.0399	0.0958	0.0107	0.0037	0.0016	0.2686	0.4387
278	2025	ALT3	WB	MD	Mainline	0.97	1.21	20.52	5.84	8385	6314	0.1670	0.1538	0.0284	0.0013	0.0223	0.0535	0.0059	0.0020	0.0009	0.1460	0.2464
279	2025	ALT3	WB	MD	Mainline	1.76	2.21	39.68	11.02	15714	11848	0.2913	0.2683	0.0515	0.0022	0.0437	0.1031	0.0105	0.0038	0.0016	0.2519	0.4948
280	2025	ALT3	WB	MD	Mainline	1.79	2.23	38.41	11.34	15820	11995	0.3208	0.2954	0.0522	0.0022	0.0450	0.1058	0.0106	0.0037	0.0017	0.2824	0.5108
281	2025	ALT3	WB	MD	Mainline	1.30	1.63	29.68	8.20	11663	8804	0.2123	0.1956	0.0379	0.0016	0.0332	0.0779	0.0077	0.0028	0.0011	0.1831	0.3800
282	2025	ALT3	WB	MD	Mainline	1.92	2.40	42.13	12.25	17107	12966	0.3354	0.3089	0.0558	0.0024	0.0492	0.1152	0.0113	0.0041	0.0018	0.2936	0.5619
283	2025	ALT3	WB	MD	Mainline	1.77	2.22	39.95	11.26	15894	12018	0.2975	0.2740	0.0516	0.0022	0.0455	0.1065	0.0105	0.0038	0.0016	0.2581	0.5199
284	2025	ALT3	WB	MD	Mainline	2.18	2.75	51.32	13.68	19696	14834	0.3396	0.3129	0.0636	0.0027	0.0563	0.1317	0.0129	0.0048	0.0019	0.2894	0.6452
285	2025	ALT3	WB	MD	Mainline	1.60	2.00	35.82	10.10	14273	10788	0.2682	0.2470	0.0465	0.0020	0.0405	0.0951	0.0094	0.0034	0.0014	0.2328	0.4622
286	2025	ALT3	WB	MD	Mainline	1.40	1.76	32.59	8.76	12595	9487	0.2207	0.2033	0.0408	0.0018	0.0357	0.0838	0.0083	0.0031	0.0012	0.1887	0.4085
287	2025	ALT3	WB	MD	Mainline	2.55	3.19	56.45	16.20	22748	17220	0.4384	0.4038	0.0742	0.0032	0.0650	0.1524	0.0151	0.0054	0.0023	0.3825	0.7416
288	2025	ALT3	WB	MD	Mainline	0.28	0.35	6.03	1.66	2413	1813	0.0458	0.0421	0.0081	0.0004	0.0064	0.0153	0.0017	0.0006	0.0002	0.0396	0.0707
289	2025	ALT3	WB	MD	Mainline	2.76	3.46	62.44	17.41	24707	18655	0.4571	0.4210	0.0805	0.0035	0.0700	0.1642	0.0163	0.0059	0.0025	0.3954	0.7970
290	2025	ALT3	WB	MD	Ramp	0.09	0.12	2.92	0.36	819	565	0.0049	0.0045	0.0029	0.0001	0.0009	0.0028	0.0006	0.0003	0.0000	0.0014	0.0056
291	2025	ALT3	WB	MD	Ramp	0.10	0.14	2.90	0.36	890	617	0.0060	0.0056	0.0033	0.0002	0.0011	0.0034	0.0007	0.0004	0.0001	0.0016	0.0082
292	2025	ALT3	WB	MD	Ramp	0.02	0.03	0.77	0.09	218	150	0.0013	0.0012	0.0008	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0004	0.0015
293	2025	ALT3	WB	MD	Ramp	0.28	0.40	4.32	0.61	1883	1304	0.0167	0.0155	0.0090	0.0004	0.0043	0.0119	0.0019	0.0012	0.0002	0.0030	0.0428
294	2025	ALT3	WB	MD	Ramp	0.08	0.11	2.03	0.26	649	451	0.0046	0.0043	0.0024	0.0001	0.0008	0.0026	0.0005	0.0003	0.0000	0.0013	0.0067
295	2025	ALT3	WB	MD	Ramp	0.23	0.33	3.74	0.51	1589	1097	0.0137	0.0127	0.0074	0.0004	0.0032	0.0090	0.0016	0.0010	0.0002	0.0023	0.0295
296	2025	ALT3	WB	MD	Ramp	0.07	0.10	1.41	0.22	543	383	0.0048	0.0045	0.0023	0.0001	0.0014	0.0036	0.0005	0.0003	0.0000	0.0017	0.0148
297	2025	ALT3	WB	MD	Ramp	1.28	1.65	25.74	7.17	10399	7901	0.1385	0.1277	0.0363	0.0014	0.0446	0.0990	0.0068	0.0031	0.0009	0.1043	0.5533
298	2025	ALT3	WB	MD	Ramp	0.01	0.02	0.32	0.04	96	66	0.0006	0.0006	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0007
299	2025	ALT3	WB	MD	Ramp	0.04	0.05	1.16	0.14	332	229	0.0021	0.0019	0.0012	0.0001	0.0004	0.0012	0.0003	0.0001	0.0000	0.0006	0.0026
300	2025	ALT3	WB	MD	Ramp	0.51	0.70	15.04	1.97	4491	3126	0.0308	0.0285	0.0161	0.0008	0.0060	0.0179	0.0035	0.0018	0.0003	0.0104	0.0494
301	2025	ALT3	WB	MD	Ramp	0.18	0.25	3.78	0.55	1380	967	0.0115	0.0106	0.0056	0.0003	0.0027	0.0074	0.0012	0.0007	0.0001	0.0037	0.0264
302	2025	ALT3	WB	MD	Ramp	0.02	0.03	0.69	0.09	202	140	0.0013	0.0012	0.0007	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0004	0.0019
303	2025	ALT3	WB	MD	Ramp	0.06	0.07	1.42	0.22	466	331	0.0039	0.0036	0.0017	0.0001	0.0009	0.0025	0.0004	0.0002	0.0000	0.0018	0.0095
304	2025	ALT3	WB	MD	Ramp	0.05	0.07	1.35	0.17	426	296	0.0030	0.0028	0.0016	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0009	0.0044
305	2025	ALT3	WB	MD	Ramp	0.08	0.12	2.18	0.33	713	503	0.0058	0.0053	0.0026	0.0001	0.0013	0.0036	0.0006	0.0003	0.0001	0.0024	0.0130
306	2025	ALT3	WB	MD	Ramp	0.06	0.09	1.67	0.19	537	368	0.0035	0.0033	0.0021	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0006	0.0027
307	2025	ALT3	WB	MD	Ramp	0.15	0.21	2.24	0.33	971	674	0.0087	0.0080	0.0046	0.0002	0.0024	0.0065	0.0010	0.0006	0.0001	0.0017	0.0247
308	2025	ALT3	WB	MD	Ramp	0.14	0.19	2.89	0.40	1049	731	0.0084	0.0078	0.0043	0.0002	0.0018	0.0052	0.0009	0.0005	0.0001	0.0023	0.0168
309	2025	ALT3	WB	MD	Ramp	0.12	0.17	1.90	0.33	803	569	0.0077	0.0071	0.0038	0.0002	0.0029	0.0071	0.0008	0.0004	0.0001	0.0027	0.0339
310	2025	ALT3	WB	MD	Ramp	0.45	0.61	11.78	1.97	3851	2754	0.0341	0.0315	0.0137	0.0006	0.0085	0.0217	0.0029	0.0015	0.0003	0.0178	0.0907
311	2025	ALT3	WB	MD	Ramp	0.19	0.26	3.48	0.51	1354	948	0.0116	0.0107	0.0059	0.0003	0.0032	0.0085	0.0012	0.0007	0.0001	0.0034	0.0333
312	2025	ALT3	WB	MD	Ramp	0.05	0.07	1.33	0.19	430	301	0.0033	0.0030	0.0016	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0012	0.0062
313	2025	ALT3	WB	MD	Ramp	0.35	0.47	10.24	1.43	3051	2140	0.0223	0.0206	0.0107	0.0005	0.0047	0.0132	0.0023	0.0012	0.0002	0.0093	0.0424
314	2025	ALT3	WB	MD	Ramp	0.08	0.11	2.07	0.25	664	457	0.0045	0.0042	0.0025	0.0001	0.0007	0.0024	0.0006	0.0003	0.0000	0.0009	0.0048
315	2025	ALT3	WB	MD	Ramp	0.15	0.20	3.11	0.45	1133	794	0.0094	0.0087	0.0046	0.0002	0.0022	0.0060	0.0010	0.0006	0.0001	0.0031	0.0213
316	2025	ALT3	WB	MD	Ramp	0.09	0.12	2.16	0.26	708	487	0.0048	0.0045	0.0027	0.0001	0.0007	0.0025	0.0006	0.0003	0.0001	0.0009	0.0045
317	2025	ALT3	WB	MD	Ramp	0.09	0.13	1.87	0.29	699	492	0.0060	0.0056	0.0029	0.0001	0.0016	0.0041	0.0006	0.0003	0.0001	0.0021	0.0160
318	2025	ALT3	WB	MD	Ramp	0.08	0.11	2.01	0.26	646	448	0.0046	0.0043	0.0024	0.0001	0.0009	0.0026	0.0005	0.0003	0.0000	0.0013	0.0068
319	2025	ALT3	WB	MD	Ramp	0.14	0.19	2.98	0.42	1072	749	0.0087	0.0081	0.0043	0.0002	0.0019	0.0053	0.0009	0.0005	0.0001	0.0027	0.0178
320	2025	ALT3	WB	MD	Ramp	0.08	0.11	1.98	0.25	665	460	0.0048	0.0044	0.0026	0.0001	0.0008	0.0025	0.0006	0.0003	0.0001	0.0011	0.0057
321	2025	ALT3	WB	MD	Ramp	0.15	0.22	3.09	0.43	1153	803	0.0094	0.0087	0.0048	0.0002	0.0022	0.0061	0.0010	0.0006	0.0001	0.0025	0.0208

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
322	2025	ALT3	WB	MD	Ramp	0.07	0.10	1.52	0.21	557	388	0.0045	0.0041	0.0023	0.0001	0.0010	0.0028	0.0005	0.0003	0.0000	0.0012	0.0091
323	2025	ALT3	WB	MD	Ramp	0.17	0.23	4.50	0.71	1442	1025	0.0121	0.0112	0.0051	0.0002	0.0029	0.0076	0.0011	0.0006	0.0001	0.0059	0.0299
324	2025	ALT3	WB	MD	Ramp	0.07	0.10	1.94	0.26	608	424	0.0044	0.0041	0.0022	0.0001	0.0009	0.0026	0.0005	0.0003	0.0000	0.0015	0.0078
325	2025	ALT3	WB	MD	Ramp	0.33	0.45	6.53	1.02	2447	1726	0.0214	0.0198	0.0101	0.0005	0.0057	0.0148	0.0021	0.0012	0.0002	0.0078	0.0593
326	2025	ALT3	WB	MD	Ramp																	
327	2025	ALT3	WB	MD	Ramp																	
328	2025	ALT3	WB	MD	Ramp	0.05	0.07	1.52	0.19	461	318	0.0030	0.0028	0.0017	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0008	0.0037
329	2025	ALT3	WB	MD	Ramp	0.19	0.27	3.97	0.56	1453	1015	0.0119	0.0110	0.0060	0.0003	0.0027	0.0076	0.0013	0.0007	0.0001	0.0035	0.0259
330	2025	ALT3	WB	MD	Ramp	0.03	0.05	0.95	0.13	294	206	0.0022	0.0020	0.0011	0.0001	0.0005	0.0013	0.0002	0.0001	0.0000	0.0008	0.0041
331	2025	ALT3	WB	MD	Ramp	0.17	0.23	4.66	0.70	1471	1040	0.0118	0.0109	0.0053	0.0003	0.0027	0.0073	0.0011	0.0006	0.0001	0.0053	0.0267
332	2025	ALT3	WB	MD	Ramp	0.04	0.06	1.26	0.21	388	277	0.0034	0.0031	0.0013	0.0001	0.0008	0.0020	0.0003	0.0001	0.0000	0.0019	0.0082
333	2025	ALT3	WB	MD	Ramp	0.15	0.20	3.97	0.65	1281	914	0.0111	0.0103	0.0046	0.0002	0.0027	0.0070	0.0010	0.0005	0.0001	0.0057	0.0287
334	2025	ALT3	WB	MD	Ramp	0.05	0.07	1.50	0.25	468	335	0.0041	0.0038	0.0016	0.0001	0.0010	0.0025	0.0003	0.0002	0.0000	0.0022	0.0102
335	2025	ALT3	WB	MD	Ramp	0.22	0.29	5.23	1.02	1817	1323	0.0185	0.0171	0.0065	0.0003	0.0051	0.0123	0.0013	0.0007	0.0001	0.0113	0.0587
336	2025	ALT3	WB	MD	Ramp	0.16	0.22	4.25	0.72	1399	1001	0.0125	0.0116	0.0050	0.0002	0.0032	0.0080	0.0010	0.0005	0.0001	0.0066	0.0338
337	2025	ALT3	WB	MD	Ramp	0.12	0.16	2.79	0.58	1018	747	0.0109	0.0101	0.0037	0.0002	0.0032	0.0075	0.0007	0.0004	0.0001	0.0068	0.0373
338	2025	ALT3	WB	MD	Ramp	0.08	0.10	1.49	0.45	619	476	0.0088	0.0081	0.0021	0.0001	0.0028	0.0062	0.0004	0.0002	0.0001	0.0069	0.0356
339	2025	ALT3	WB	MD	Ramp	0.23	0.29	6.55	1.11	2012	1438	0.0187	0.0172	0.0068	0.0003	0.0037	0.0097	0.0015	0.0006	0.0001	0.0119	0.0364
340	2025	ALT3	WB	MD	Ramp	1.02	1.36	24.99	4.83	8611	6266	0.0871	0.0804	0.0305	0.0013	0.0240	0.0577	0.0062	0.0031	0.0007	0.0531	0.2732
341	2025	ALT3	WB	MD	Ramp	1.38	1.85	27.30	5.82	10735	7845	0.1167	0.1077	0.0411	0.0018	0.0341	0.0813	0.0083	0.0044	0.0009	0.0674	0.3965
342	2025	ALT3	WB	MD	Ramp	0.11	0.15	2.81	0.43	921	653	0.0077	0.0071	0.0034	0.0002	0.0018	0.0048	0.0007	0.0004	0.0001	0.0034	0.0181
343	2025	ALT3	WB	MD	Ramp	0.30	0.41	3.54	0.75	1666	1197	0.0176	0.0163	0.0088	0.0003	0.0096	0.0217	0.0017	0.0010	0.0002	0.0067	0.1177
344	2025	ALT3	WB	MD	Ramp	0.07	0.10	1.85	0.31	616	441	0.0055	0.0051	0.0022	0.0001	0.0014	0.0035	0.0005	0.0002	0.0000	0.0028	0.0149
345	2025	ALT3	WB	MD	Ramp	0.08	0.10	1.04	0.27	468	348	0.0055	0.0051	0.0022	0.0001	0.0028	0.0062	0.0004	0.0002	0.0000	0.0033	0.0355
346	2025	ALT3	WB	MD	Ramp	0.11	0.16	1.98	0.33	792	562	0.0073	0.0068	0.0035	0.0002	0.0025	0.0061	0.0007	0.0004	0.0001	0.0028	0.0278
347	2025	ALT3	WB	MD	Ramp	0.05	0.07	1.21	0.18	408	287	0.0033	0.0031	0.0015	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0013	0.0070
348	2025	ALT3	WB	MD	Ramp	0.51	0.69	13.45	2.18	4359	3106	0.0375	0.0347	0.0156	0.0007	0.0092	0.0237	0.0033	0.0017	0.0003	0.0188	0.0957
349	2025	ALT3	WB	MD	Ramp	0.09	0.13	2.33	0.40	789	566	0.0072	0.0067	0.0029	0.0001	0.0019	0.0047	0.0006	0.0003	0.0001	0.0038	0.0204
350	2025	ALT3	WB	MD	Ramp	0.11	0.15	3.30	0.44	957	667	0.0064	0.0060	0.0034	0.0002	0.0013	0.0037	0.0007	0.0004	0.0001	0.0024	0.0103
351	2025	ALT3	WB	MD	Ramp	0.14	0.19	2.02	0.47	883	649	0.0099	0.0091	0.0040	0.0002	0.0047	0.0105	0.0008	0.0004	0.0001	0.0054	0.0582
352	2025	ALT3	WB	MD	Ramp	0.05	0.07	1.18	0.16	412	286	0.0032	0.0029	0.0016	0.0001	0.0006	0.0018	0.0004	0.0002	0.0000	0.0009	0.0051
353	2025	ALT3	WB	MD	Ramp	0.14	0.19	3.91	0.51	1213	844	0.0086	0.0079	0.0044	0.0002	0.0016	0.0049	0.0010	0.0005	0.0001	0.0027	0.0136
354	2025	ALT3	WB	MD	Ramp	0.44	0.60	7.31	1.31	2977	2124	0.0286	0.0264	0.0132	0.0006	0.0105	0.0253	0.0027	0.0015	0.0003	0.0117	0.1218
355	2025	ALT3	WB	MD	Ramp	0.10	0.14	2.33	0.33	812	567	0.0064	0.0060	0.0032	0.0002	0.0013	0.0037	0.0007	0.0004	0.0001	0.0020	0.0113
356	2025	ALT3	WB	MD	Ramp	0.12	0.17	2.31	0.33	874	611	0.0073	0.0068	0.0037	0.0002	0.0019	0.0050	0.0008	0.0005	0.0001	0.0021	0.0188
357	2025	ALT3	WB	MD	Ramp	0.34	0.48	5.93	0.83	2384	1658	0.0203	0.0188	0.0107	0.0005	0.0053	0.0144	0.0023	0.0014	0.0002	0.0047	0.0531
358	2025	ALT3	WB	MD	Ramp	0.15	0.20	2.51	0.40	1015	715	0.0092	0.0085	0.0045	0.0002	0.0030	0.0076	0.0009	0.0005	0.0001	0.0030	0.0334
359	2025	ALT3	WB	MD	Ramp	0.20	0.28	3.36	0.49	1377	960	0.0120	0.0111	0.0063	0.0003	0.0034	0.0089	0.0013	0.0008	0.0001	0.0029	0.0345
360	2025	ALT3	WB	MD	Ramp	0.15	0.21	2.57	0.36	1047	728	0.0090	0.0083	0.0047	0.0002	0.0024	0.0065	0.0010	0.0006	0.0001	0.0020	0.0240
361	2025	ALT3	WB	MD	Ramp	0.16	0.22	2.33	0.37	1009	706	0.0093	0.0086	0.0048	0.0002	0.0031	0.0079	0.0010	0.0006	0.0001	0.0024	0.0342
362	2025	ALT3	WB	MD	Ramp	0.09	0.12	2.03	0.34	717	511	0.0065	0.0060	0.0027	0.0001	0.0016	0.0042	0.0006	0.0003	0.0001	0.0030	0.0170
363	2025	ALT3	WB	MD	Ramp	0.22	0.31	4.27	0.56	1630	1129	0.0131	0.0121	0.0070	0.0003	0.0029	0.0084	0.0015	0.0009	0.0001	0.0028	0.0266
364	2025	ALT3	WB	MD	HOV																	
365	2025	ALT3	WB	MD	HOV																	
366	2025	ALT3	WB	MD	HOT	0.20	0.25	4.65	0.59	1456	992	0.0061	0.0057	0.0061	0.0003	0.0012	0.0047	0.0014	0.0005	0.0001	0.0007	0.0012
367	2025	ALT3	WB	MD	HOT	0.20	0.25	4.65	0.59	1456	992	0.0061	0.0057	0.0061	0.0003	0.0012	0.0047	0.0014	0.0005	0.0001	0.0007	0.0012
368	2025	ALT3	WB	MD	HOT	0.20	0.25	4.65	0.59	1456	992	0.0061	0.0057	0.0061	0.0003	0.0012	0.0047	0.0014	0.0005	0.0001	0.0007	0.0012
369	2025	ALT3	WB	MD	HOT	0.20	0.25	4.65	0.59	1456	992	0.0061	0.0057	0.0061	0.0003	0.0012	0.0047	0.0014	0.0005	0.0001	0.0007	0.0012

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
370	2025	ALT3	WB	MD	HOT	0.15	0.19	3.50	0.44	1096	747	0.0046	0.0043	0.0046	0.0002	0.0009	0.0035	0.0011	0.0004	0.0001	0.0006	0.0009
371	2025	ALT3	WB	MD	HOT	0.15	0.19	3.50	0.44	1096	747	0.0046	0.0043	0.0046	0.0002	0.0009	0.0035	0.0011	0.0004	0.0001	0.0006	0.0009
372	2025	ALT3	WB	MD	HOT	0.15	0.19	3.50	0.44	1096	747	0.0046	0.0043	0.0046	0.0002	0.0009	0.0035	0.0011	0.0004	0.0001	0.0006	0.0009
373	2025	ALT3	WB	MD	HOT	0.15	0.19	3.50	0.44	1096	747	0.0046	0.0043	0.0046	0.0002	0.0009	0.0035	0.0011	0.0004	0.0001	0.0006	0.0009
374	2025	ALT3	WB	MD	HOT	0.15	0.19	3.50	0.44	1096	747	0.0046	0.0043	0.0046	0.0002	0.0009	0.0035	0.0011	0.0004	0.0001	0.0006	0.0009
375	2025	ALT3	WB	MD	HOT	0.15	0.19	3.50	0.44	1096	747	0.0046	0.0043	0.0046	0.0002	0.0009	0.0035	0.0011	0.0004	0.0001	0.0006	0.0009
376	2025	ALT3	WB	MD	HOT	0.15	0.19	3.50	0.44	1096	747	0.0046	0.0043	0.0046	0.0002	0.0009	0.0035	0.0011	0.0004	0.0001	0.0006	0.0009
377	2025	ALT3	WB	MD	HOT	0.68	0.87	15.92	2.01	5009	3412	0.0211	0.0196	0.0213	0.0011	0.0041	0.0162	0.0049	0.0016	0.0002	0.0026	0.0041
378	2025	ALT3	WB	MD	HOT	0.68	0.87	15.92	2.01	5009	3412	0.0211	0.0196	0.0213	0.0011	0.0041	0.0162	0.0049	0.0016	0.0002	0.0026	0.0041
379	2025	ALT3	WB	MD	HOT	0.41	0.52	9.50	1.20	2989	2036	0.0126	0.0117	0.0127	0.0007	0.0025	0.0096	0.0029	0.0010	0.0001	0.0015	0.0025
380	2025	ALT3	WB	MD	HOT	0.41	0.52	9.50	1.20	2989	2036	0.0126	0.0117	0.0127	0.0007	0.0025	0.0096	0.0029	0.0010	0.0001	0.0015	0.0025
381	2025	ALT3	WB	MD	HOT	0.41	0.52	9.50	1.20	2989	2036	0.0126	0.0117	0.0127	0.0007	0.0025	0.0096	0.0029	0.0010	0.0001	0.0015	0.0025
382	2025	ALT3	WB	MD	HOT	0.41	0.52	9.50	1.20	2989	2036	0.0126	0.0117	0.0127	0.0007	0.0025	0.0096	0.0029	0.0010	0.0001	0.0015	0.0025
383	2025	ALT3	WB	MD	HOT	0.41	0.52	9.50	1.20	2989	2036	0.0126	0.0117	0.0127	0.0007	0.0025	0.0096	0.0029	0.0010	0.0001	0.0015	0.0025
384	2025	ALT3	WB	MD	HOT	0.41	0.52	9.50	1.20	2989	2036	0.0126	0.0117	0.0127	0.0007	0.0025	0.0096	0.0029	0.0010	0.0001	0.0015	0.0025
385	2025	ALT3	WB	MD	HOT	0.41	0.52	9.50	1.20	2989	2036	0.0126	0.0117	0.0127	0.0007	0.0025	0.0096	0.0029	0.0010	0.0001	0.0015	0.0025
386	2025	ALT3	WB	MD	HOT	0.41	0.52	9.50	1.20	2989	2036	0.0126	0.0117	0.0127	0.0007	0.0025	0.0096	0.0029	0.0010	0.0001	0.0015	0.0025
387	2025	ALT3	WB	MD	HOT	0.41	0.52	9.50	1.20	2989	2036	0.0126	0.0117	0.0127	0.0007	0.0025	0.0096	0.0029	0.0010	0.0001	0.0015	0.0025
388	2025	ALT3	WB	MD	HOT	0.41	0.52	9.50	1.20	2989	2036	0.0126	0.0117	0.0127	0.0007	0.0025	0.0096	0.0029	0.0010	0.0001	0.0015	0.0025
389	2025	ALT3	WB	MD	HOT	0.41	0.52	9.50	1.20	2989	2036	0.0126	0.0117	0.0127	0.0007	0.0025	0.0096	0.0029	0.0010	0.0001	0.0015	0.0025
390	2025	ALT3	WB	MD	HOT	0.48	0.62	11.35	1.43	3569	2431	0.0150	0.0139	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
391	2025	ALT3	WB	MD	HOT	0.48	0.62	11.35	1.43	3569	2431	0.0150	0.0139	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
392	2025	ALT3	WB	MD	HOT	0.48	0.62	11.35	1.43	3569	2431	0.0150	0.0139	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
393	2025	ALT3	WB	MD	HOT	0.48	0.62	11.35	1.43	3569	2431	0.0150	0.0139	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
394	2025	ALT3	WB	MD	HOT	0.48	0.62	11.35	1.43	3569	2431	0.0150	0.0139	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
395	2025	ALT3	WB	MD	HOT	0.48	0.62	11.35	1.43	3569	2431	0.0150	0.0139	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
396	2025	ALT3	WB	MD	HOT	0.48	0.62	11.35	1.43	3569	2431	0.0150	0.0139	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
397	2025	ALT3	WB	MD	HOT	0.48	0.62	11.35	1.43	3569	2431	0.0150	0.0139	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
398	2025	ALT3	WB	MD	HOT	0.48	0.62	11.35	1.43	3569	2431	0.0150	0.0139	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
399	2025	ALT3	WB	MD	HOT	0.48	0.62	11.35	1.43	3569	2431	0.0150	0.0139	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
400	2025	ALT3	WB	MD	HOT	0.48	0.62	11.35	1.43	3569	2431	0.0150	0.0139	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0018	0.0029
401	2025	ALT3	WB	MD	HOT	0.26	0.33	5.98	0.75	1886	1285	0.0080	0.0074	0.0080	0.0004	0.0016	0.0061	0.0018	0.0006	0.0001	0.0010	0.0015
402	2025	ALT3	WB	MD	HOT	0.26	0.33	5.98	0.75	1886	1285	0.0080	0.0074	0.0080	0.0004	0.0016	0.0061	0.0018	0.0006	0.0001	0.0010	0.0015
403	2025	ALT3	WB	MD	HOT	0.26	0.33	5.98	0.75	1886	1285	0.0080	0.0074	0.0080	0.0004	0.0016	0.0061	0.0018	0.0006	0.0001	0.0010	0.0015
404	2025	ALT3	WB	MD	HOT	0.26	0.33	5.98	0.75	1886	1285	0.0080	0.0074	0.0080	0.0004	0.0016	0.0061	0.0018	0.0006	0.0001	0.0010	0.0015
405	2025	ALT3	WB	MD	HOT	0.26	0.33	5.98	0.75	1886	1285	0.0080	0.0074	0.0080	0.0004	0.0016	0.0061	0.0018	0.0006	0.0001	0.0010	0.0015
406	2025	ALT3	WB	MD	HOT	0.26	0.33	5.98	0.75	1886	1285	0.0080	0.0074	0.0080	0.0004	0.0016	0.0061	0.0018	0.0006	0.0001	0.0010	0.0015
407	2025	ALT3	WB	MD	HOT	0.26	0.33	5.98	0.75	1886	1285	0.0080	0.0074	0.0080	0.0004	0.0016	0.0061	0.0018	0.0006	0.0001	0.0010	0.0015
408	2025	ALT3	WB	MD	HOT	0.26	0.33	5.98	0.75	1886	1285	0.0080	0.0074	0.0080	0.0004	0.0016	0.0061	0.0018	0.0006	0.0001	0.0010	0.0015
409	2025	ALT3	WB	MD	HOT	0.26	0.33	5.98	0.75	1886	1285	0.0080	0.0074	0.0080	0.0004	0.0016	0.0061	0.0018	0.0006	0.0001	0.0010	0.0015
410	2025	ALT3	WB	MD	HOT	0.60	0.77	14.88	1.88	4576	3117	0.0193	0.0179	0.0188	0.0010	0.0037	0.0143	0.0043	0.0015	0.0002	0.0023	0.0039
411	2025	ALT3	WB	MD	HOT	0.60	0.77	14.88	1.88	4576	3117	0.0193	0.0179	0.0188	0.0010	0.0037	0.0143	0.0043	0.0015	0.0002	0.0023	0.0039
412	2025	ALT3	WB	MD	HOT	0.60	0.77	14.88	1.88	4576	3117	0.0193	0.0179	0.0188	0.0010	0.0037	0.0143	0.0043	0.0015	0.0002	0.0023	0.0039
413	2025	ALT3	WB	MD	HOT	0.60	0.77	14.88	1.88	4576	3117	0.0193	0.0179	0.0188	0.0010	0.0037	0.0143	0.0043	0.0015	0.0002	0.0023	0.0039
414	2025	ALT3	WB	MD	HOT	0.60	0.77	14.88	1.88	4576	3117	0.0193	0.0179	0.0188	0.0010	0.0037	0.0143	0.0043	0.0015	0.0002	0.0023	0.0039
415	2025	ALT3	WB	MD	HOT	0.60	0.77	14.88	1.88	4576	3117	0.0193	0.0179	0.0188	0.0010	0.0037	0.0143	0.0043	0.0015	0.0002	0.0023	0.0039
416	2025	ALT3	WB	MD	HOT	0.60	0.77	14.88	1.88	4576	3117	0.0193	0.0179	0.0188	0.0010	0.0037	0.0143	0.0043	0.0015	0.0002	0.0023	0.0039
417	2025	ALT3	WB	MD	HOT	0.60	0.77	14.88	1.88	4576	3117	0.0193	0.0179	0.0188	0.0010	0.0037	0.0143	0.0043	0.0015	0.0002	0.0023	0.0039

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
418	2025	ALT3	WB	MD	HOT	0.60	0.77	14.88	1.88	4576	3117	0.0193	0.0179	0.0188	0.0010	0.0037	0.0143	0.0043	0.0015	0.0002	0.0023	0.0039
419	2025	ALT3	WB	MD	HOT	0.60	0.77	14.88	1.88	4576	3117	0.0193	0.0179	0.0188	0.0010	0.0037	0.0143	0.0043	0.0015	0.0002	0.0023	0.0039
420	2025	ALT3	WB	MD	HOT	0.84	1.08	21.14	2.67	6462	4402	0.0272	0.0252	0.0264	0.0014	0.0051	0.0201	0.0061	0.0021	0.0003	0.0033	0.0055
421	2025	ALT3	WB	MD	HOT	0.84	1.08	21.14	2.67	6462	4402	0.0272	0.0252	0.0264	0.0014	0.0051	0.0201	0.0061	0.0021	0.0003	0.0033	0.0055
422	2025	ALT3	WB	MD	HOT	0.84	1.08	21.14	2.67	6462	4402	0.0272	0.0252	0.0264	0.0014	0.0051	0.0201	0.0061	0.0021	0.0003	0.0033	0.0055
423	2025	ALT3	WB	MD	HOT	0.84	1.08	21.14	2.67	6462	4402	0.0272	0.0252	0.0264	0.0014	0.0051	0.0201	0.0061	0.0021	0.0003	0.0033	0.0055
424	2025	ALT3	WB	MD	HOT	0.84	1.08	21.14	2.67	6462	4402	0.0272	0.0252	0.0264	0.0014	0.0051	0.0201	0.0061	0.0021	0.0003	0.0033	0.0055
425	2025	ALT3	WB	MD	HOT	0.84	1.08	21.14	2.67	6462	4402	0.0272	0.0252	0.0264	0.0014	0.0051	0.0201	0.0061	0.0021	0.0003	0.0033	0.0055
426	2025	ALT3	WB	MD	HOT	0.84	1.08	21.14	2.67	6462	4402	0.0272	0.0252	0.0264	0.0014	0.0051	0.0201	0.0061	0.0021	0.0003	0.0033	0.0055
427	2025	ALT3	WB	MD	HOT	0.84	1.08	21.14	2.67	6462	4402	0.0272	0.0252	0.0264	0.0014	0.0051	0.0201	0.0061	0.0021	0.0003	0.0033	0.0055
428	2025	ALT3	WB	MD	HOT	0.84	1.08	21.14	2.67	6462	4402	0.0272	0.0252	0.0264	0.0014	0.0051	0.0201	0.0061	0.0021	0.0003	0.0033	0.0055
429	2025	ALT3	WB	MD	HOT	0.84	1.08	21.14	2.67	6462	4402	0.0272	0.0252	0.0264	0.0014	0.0051	0.0201	0.0061	0.0021	0.0003	0.0033	0.0055
430	2025	ALT3	WB	MD	HOT	0.59	0.76	16.35	2.04	4759	3242	0.0202	0.0187	0.0184	0.0010	0.0036	0.0140	0.0042	0.0016	0.0002	0.0023	0.0043
431	2025	ALT3	WB	MD	HOT	0.59	0.76	16.35	2.04	4759	3242	0.0202	0.0187	0.0184	0.0010	0.0036	0.0140	0.0042	0.0016	0.0002	0.0023	0.0043
432	2025	ALT3	WB	MD	HOT	0.59	0.76	16.35	2.04	4759	3242	0.0202	0.0187	0.0184	0.0010	0.0036	0.0140	0.0042	0.0016	0.0002	0.0023	0.0043
433	2025	ALT3	WB	MD	HOT	0.32	0.41	8.90	1.10	2572	1752	0.0109	0.0101	0.0099	0.0005	0.0019	0.0075	0.0023	0.0009	0.0001	0.0013	0.0023
434	2025	ALT3	WB	MD	HOT	0.32	0.41	8.90	1.10	2572	1752	0.0109	0.0101	0.0099	0.0005	0.0019	0.0075	0.0023	0.0009	0.0001	0.0013	0.0023
435	2025	ALT3	WB	MD	HOT	0.32	0.41	8.90	1.10	2572	1752	0.0109	0.0101	0.0099	0.0005	0.0019	0.0075	0.0023	0.0009	0.0001	0.0013	0.0023
436	2025	ALT3	WB	MD	HOT	0.32	0.41	8.90	1.10	2572	1752	0.0109	0.0101	0.0099	0.0005	0.0019	0.0075	0.0023	0.0009	0.0001	0.0013	0.0023
437	2025	ALT3	WB	MD	HOT	0.32	0.41	8.90	1.10	2572	1752	0.0109	0.0101	0.0099	0.0005	0.0019	0.0075	0.0023	0.0009	0.0001	0.0013	0.0023
216	2025	ALT3	WB	PM	Mainline	1.17	1.47	25.87	6.00	9731	7134	0.1523	0.1404	0.0351	0.0017	0.0208	0.0533	0.0075	0.0026	0.0009	0.1248	0.2079
217	2025	ALT3	WB	PM	Mainline	2.23	2.79	47.99	11.41	18341	13477	0.2992	0.2757	0.0666	0.0031	0.0400	0.1019	0.0143	0.0049	0.0017	0.2478	0.4000
218	2025	ALT3	WB	PM	Mainline	1.42	1.78	30.56	7.35	11731	8633	0.1943	0.1790	0.0425	0.0020	0.0259	0.0657	0.0091	0.0031	0.0011	0.1616	0.2610
219	2025	ALT3	WB	PM	Mainline	2.00	2.51	44.01	10.72	16821	12418	0.2794	0.2574	0.0595	0.0028	0.0384	0.0961	0.0126	0.0044	0.0016	0.2331	0.3970
220	2025	ALT3	WB	PM	Mainline	1.11	1.40	25.31	5.83	9380	6882	0.1433	0.1321	0.0332	0.0016	0.0205	0.0519	0.0071	0.0025	0.0008	0.1167	0.2081
221	2025	ALT3	WB	PM	Mainline	1.01	1.28	22.66	5.35	8531	6275	0.1358	0.1251	0.0303	0.0014	0.0189	0.0478	0.0064	0.0022	0.0008	0.1119	0.1934
222	2025	ALT3	WB	PM	Mainline	1.22	1.53	27.05	6.05	10042	7328	0.1499	0.1382	0.0366	0.0017	0.0206	0.0534	0.0079	0.0027	0.0009	0.1209	0.2008
223	2025	ALT3	WB	PM	Mainline	0.59	0.75	13.40	2.92	4896	3564	0.0701	0.0646	0.0178	0.0009	0.0099	0.0257	0.0038	0.0013	0.0004	0.0558	0.0960
224	2025	ALT3	WB	PM	Mainline	0.68	0.86	15.38	3.18	5553	4011	0.0741	0.0683	0.0207	0.0010	0.0103	0.0277	0.0045	0.0015	0.0004	0.0573	0.0947
225	2025	ALT3	WB	PM	Mainline	0.44	0.55	9.83	2.05	3565	2578	0.0483	0.0445	0.0133	0.0006	0.0067	0.0179	0.0029	0.0010	0.0003	0.0376	0.0616
226	2025	ALT3	WB	PM	Mainline	2.08	2.61	44.13	9.28	16296	11773	0.2263	0.2086	0.0628	0.0031	0.0304	0.0823	0.0138	0.0046	0.0014	0.1770	0.2722
227	2025	ALT3	WB	PM	Mainline	0.83	1.04	17.66	3.53	6426	4613	0.0827	0.0762	0.0252	0.0013	0.0113	0.0312	0.0056	0.0018	0.0005	0.0628	0.0956
228	2025	ALT3	WB	PM	Mainline	0.48	0.61	10.37	1.97	3703	2643	0.0438	0.0404	0.0147	0.0007	0.0061	0.0173	0.0033	0.0011	0.0003	0.0320	0.0492
229	2025	ALT3	WB	PM	Mainline	2.74	3.47	62.13	12.38	22138	15916	0.2788	0.2570	0.0833	0.0041	0.0393	0.1072	0.0182	0.0062	0.0017	0.2109	0.3480
230	2025	ALT3	WB	PM	Mainline	0.73	0.92	16.37	3.14	5782	4135	0.0687	0.0634	0.0222	0.0011	0.0097	0.0271	0.0049	0.0017	0.0004	0.0506	0.0821
231	2025	ALT3	WB	PM	Mainline	0.75	0.95	17.44	3.39	6099	4376	0.0734	0.0676	0.0227	0.0011	0.0107	0.0291	0.0050	0.0017	0.0005	0.0545	0.0943
232	2025	ALT3	WB	PM	Mainline	0.80	1.01	18.34	3.51	6435	4604	0.0758	0.0699	0.0244	0.0012	0.0108	0.0301	0.0054	0.0018	0.0005	0.0557	0.0923
233	2025	ALT3	WB	PM	Mainline	2.38	3.05	64.48	11.88	20893	15026	0.2255	0.2079	0.0719	0.0035	0.0392	0.1027	0.0154	0.0060	0.0015	0.1598	0.3817
234	2025	ALT3	WB	PM	Mainline	0.40	0.51	10.42	1.91	3427	2453	0.0366	0.0338	0.0122	0.0006	0.0060	0.0161	0.0027	0.0010	0.0002	0.0258	0.0545
235	2025	ALT3	WB	PM	Mainline	1.55	2.00	43.34	7.73	13715	9842	0.1391	0.1283	0.0468	0.0023	0.0257	0.0672	0.0100	0.0040	0.0010	0.0948	0.2517
236	2025	ALT3	WB	PM	Mainline	1.03	1.32	27.69	4.97	8946	6402	0.0928	0.0856	0.0313	0.0015	0.0157	0.0421	0.0068	0.0026	0.0006	0.0643	0.1459
237	2025	ALT3	WB	PM	Mainline	1.72	2.18	39.46	7.84	13977	10049	0.1745	0.1609	0.0523	0.0026	0.0249	0.0677	0.0114	0.0039	0.0011	0.1316	0.2221
238	2025	ALT3	WB	PM	Mainline	0.55	0.70	13.08	2.51	4533	3249	0.0533	0.0491	0.0168	0.0008	0.0079	0.0215	0.0037	0.0013	0.0003	0.0392	0.0693
239	2025	ALT3	WB	PM	Mainline	0.49	0.63	11.80	2.25	4063	2910	0.0470	0.0433	0.0150	0.0007	0.0070	0.0192	0.0033	0.0012	0.0003	0.0343	0.0617
240	2025	ALT3	WB	PM	Mainline	0.62	0.79	15.23	2.76	5122	3646	0.0541	0.0499	0.0190	0.0009	0.0082	0.0231	0.0042	0.0015	0.0004	0.0377	0.0693
241	2025	ALT3	WB	PM	Mainline	2.21	2.81	55.38	10.19	18491	13206	0.1987	0.1833	0.0672	0.0033	0.0310	0.0851	0.0147	0.0053	0.0013	0.1399	0.2723
242	2025	ALT3	WB	PM	Mainline	0.16	0.21	3.93	0.71	1331	947	0.0141	0.0130	0.0050	0.0002	0.0021	0.0060	0.0011	0.0004	0.0001	0.0099	0.0177
243	2025	ALT3	WB	PM	Mainline	1.91	2.44	48.73	8.92	16144	11534	0.1720	0.1586	0.0582	0.0029	0.0273	0.0746	0.0127	0.0047	0.0012	0.1206	0.2426

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
244	2025	ALT3	WB	PM	Mainline	0.28	0.36	7.31	1.31	2382	1700	0.0246	0.0227	0.0085	0.0004	0.0040	0.0110	0.0019	0.0007	0.0002	0.0170	0.0362
245	2025	ALT3	WB	PM	Mainline	1.79	2.28	45.17	8.37	15070	10777	0.1637	0.1509	0.0544	0.0027	0.0257	0.0701	0.0119	0.0043	0.0011	0.1159	0.2295
246	2025	ALT3	WB	PM	Mainline	1.32	1.69	34.75	6.25	11318	8085	0.1173	0.1082	0.0402	0.0020	0.0193	0.0524	0.0088	0.0033	0.0008	0.0810	0.1743
247	2025	ALT3	WB	PM	Mainline	1.82	2.31	45.46	8.50	15254	10919	0.1684	0.1553	0.0552	0.0027	0.0262	0.0714	0.0121	0.0044	0.0011	0.1203	0.2354
248	2025	ALT3	WB	PM	Mainline	0.59	0.75	13.90	2.59	4773	3407	0.0532	0.0491	0.0179	0.0009	0.0079	0.0220	0.0039	0.0014	0.0003	0.0381	0.0666
249	2025	ALT3	WB	PM	Mainline	1.90	2.41	43.67	8.35	15306	10950	0.1801	0.1660	0.0580	0.0029	0.0258	0.0717	0.0128	0.0044	0.0011	0.1322	0.2206
250	2025	ALT3	WB	PM	Mainline	2.98	3.78	70.61	13.20	24239	17312	0.2720	0.2508	0.0907	0.0045	0.0404	0.1121	0.0199	0.0070	0.0018	0.1954	0.3455
251	2025	ALT3	WB	PM	Mainline	2.14	2.71	51.15	9.93	17683	12699	0.2101	0.1937	0.0649	0.0032	0.0314	0.0850	0.0142	0.0050	0.0013	0.1553	0.2830
252	2025	ALT3	WB	PM	Mainline	1.78	2.25	41.43	7.93	14425	10327	0.1690	0.1558	0.0541	0.0027	0.0246	0.0679	0.0119	0.0041	0.0011	0.1239	0.2132
253	2025	ALT3	WB	PM	Mainline	1.27	1.61	29.67	5.68	10331	7396	0.1210	0.1116	0.0388	0.0019	0.0176	0.0486	0.0085	0.0030	0.0008	0.0888	0.1527
254	2025	ALT3	WB	PM	Mainline	1.24	1.57	29.09	5.53	10082	7213	0.1166	0.1075	0.0378	0.0019	0.0171	0.0472	0.0083	0.0029	0.0007	0.0850	0.1476
255	2025	ALT3	WB	PM	Mainline	2.04	2.58	48.57	9.57	16877	12143	0.2053	0.1893	0.0617	0.0030	0.0306	0.0822	0.0134	0.0048	0.0013	0.1534	0.2798
256	2025	ALT3	WB	PM	Mainline	1.33	1.68	30.87	5.96	10780	7726	0.1281	0.1181	0.0403	0.0020	0.0186	0.0511	0.0088	0.0031	0.0008	0.0946	0.1629
257	2025	ALT3	WB	PM	Mainline	1.60	2.02	38.10	7.55	13254	9544	0.1625	0.1498	0.0484	0.0024	0.0242	0.0649	0.0105	0.0037	0.0010	0.1219	0.2231
258	2025	ALT3	WB	PM	Mainline	1.55	1.95	34.38	6.68	12241	8767	0.1491	0.1375	0.0471	0.0023	0.0209	0.0581	0.0104	0.0035	0.0009	0.1109	0.1775
259	2025	ALT3	WB	PM	Mainline	2.08	2.64	48.00	9.44	16918	12150	0.2075	0.1913	0.0633	0.0031	0.0298	0.0813	0.0139	0.0048	0.0013	0.1553	0.2639
260	2025	ALT3	WB	PM	Mainline	1.48	1.87	33.18	6.46	11793	8450	0.1438	0.1326	0.0451	0.0022	0.0202	0.0561	0.0099	0.0034	0.0009	0.1071	0.1731
261	2025	ALT3	WB	PM	Mainline	1.78	2.25	40.60	8.07	14419	10365	0.1805	0.1664	0.0541	0.0027	0.0256	0.0698	0.0118	0.0041	0.0011	0.1362	0.2274
262	2025	ALT3	WB	PM	Mainline	4.71	5.93	103.80	20.99	37458	26959	0.4860	0.4480	0.1428	0.0070	0.0673	0.1835	0.0313	0.0106	0.0030	0.3713	0.5941
263	2025	ALT3	WB	PM	Mainline	2.25	2.85	51.60	10.46	18381	13251	0.2365	0.2180	0.0682	0.0033	0.0337	0.0907	0.0149	0.0051	0.0015	0.1806	0.3072
264	2025	ALT3	WB	PM	Mainline	0.83	1.06	22.21	4.27	7304	5285	0.0837	0.0772	0.0248	0.0012	0.0147	0.0377	0.0053	0.0021	0.0005	0.0612	0.1484
265	2025	ALT3	WB	PM	Mainline	0.47	0.60	11.70	2.34	4014	2900	0.0492	0.0454	0.0142	0.0007	0.0077	0.0201	0.0031	0.0011	0.0003	0.0370	0.0739
266	2025	ALT3	WB	PM	Mainline	1.64	2.08	39.66	8.39	13990	10173	0.1869	0.1723	0.0494	0.0023	0.0285	0.0733	0.0106	0.0038	0.0011	0.1455	0.2816
267	2025	ALT3	WB	PM	Mainline	0.48	0.61	12.19	2.42	4140	2993	0.0501	0.0461	0.0145	0.0007	0.0080	0.0210	0.0031	0.0012	0.0003	0.0374	0.0784
268	2025	ALT3	WB	PM	Mainline	0.09	0.11	2.14	0.42	730	527	0.0088	0.0081	0.0026	0.0001	0.0014	0.0036	0.0006	0.0002	0.0001	0.0065	0.0132
269	2025	ALT3	WB	PM	Mainline	2.17	2.78	58.04	11.09	19096	13797	0.2175	0.2005	0.0653	0.0031	0.0377	0.0973	0.0140	0.0054	0.0014	0.1586	0.3769
270	2025	ALT3	WB	PM	Mainline	0.99	1.28	27.81	5.15	8851	6395	0.0931	0.0859	0.0297	0.0014	0.0184	0.0467	0.0063	0.0026	0.0006	0.0647	0.1911
271	2025	ALT3	WB	PM	Mainline	1.74	2.29	48.71	8.60	15391	11108	0.1461	0.1349	0.0522	0.0024	0.0357	0.0884	0.0109	0.0050	0.0011	0.0904	0.3872
272	2025	ALT3	WB	PM	Mainline	1.05	1.36	29.19	5.62	9428	6862	0.1029	0.0949	0.0313	0.0014	0.0221	0.0543	0.0065	0.0028	0.0007	0.0727	0.2403
273	2025	ALT3	WB	PM	Mainline	1.04	1.33	27.75	5.46	9203	6681	0.1086	0.1001	0.0311	0.0015	0.0193	0.0488	0.0066	0.0026	0.0007	0.0806	0.1985
274	2025	ALT3	WB	PM	Mainline	1.21	1.55	31.40	6.34	10625	7720	0.1310	0.1208	0.0364	0.0017	0.0221	0.0562	0.0077	0.0029	0.0008	0.0991	0.2252
275	2025	ALT3	WB	PM	Mainline	2.21	2.79	52.28	11.13	18622	13540	0.2530	0.2332	0.0664	0.0032	0.0376	0.0974	0.0143	0.0051	0.0015	0.1980	0.3692
276	2025	ALT3	WB	PM	Mainline	0.63	0.80	14.69	3.01	5207	3763	0.0676	0.0623	0.0190	0.0009	0.0099	0.0261	0.0041	0.0014	0.0004	0.0519	0.0924
277	2025	ALT3	WB	PM	Mainline	1.28	1.63	31.24	6.58	10974	7977	0.1452	0.1339	0.0386	0.0018	0.0223	0.0574	0.0083	0.0030	0.0009	0.1127	0.2208
278	2025	ALT3	WB	PM	Mainline	0.69	0.88	17.65	3.62	6039	4391	0.0763	0.0704	0.0208	0.0010	0.0126	0.0321	0.0044	0.0017	0.0005	0.0583	0.1280
279	2025	ALT3	WB	PM	Mainline	1.34	1.73	37.19	7.18	12031	8755	0.1323	0.1220	0.0400	0.0018	0.0278	0.0686	0.0083	0.0035	0.0009	0.0940	0.3011
280	2025	ALT3	WB	PM	Mainline	1.29	1.65	33.14	6.99	11408	8341	0.1491	0.1375	0.0386	0.0018	0.0253	0.0632	0.0081	0.0031	0.0009	0.1157	0.2661
281	2025	ALT3	WB	PM	Mainline	0.98	1.27	27.09	5.26	8786	6405	0.0968	0.0892	0.0291	0.0013	0.0210	0.0515	0.0060	0.0026	0.0006	0.0687	0.2307
282	2025	ALT3	WB	PM	Mainline	1.36	1.74	35.72	7.47	12138	8885	0.1546	0.1425	0.0405	0.0019	0.0279	0.0688	0.0085	0.0033	0.0010	0.1188	0.2981
283	2025	ALT3	WB	PM	Mainline	1.28	1.64	34.68	7.02	11482	8391	0.1359	0.1253	0.0380	0.0017	0.0270	0.0662	0.0079	0.0032	0.0009	0.1008	0.2930
284	2025	ALT3	WB	PM	Mainline	1.72	2.24	47.61	9.01	15333	11158	0.1601	0.1477	0.0512	0.0023	0.0377	0.0918	0.0106	0.0047	0.0011	0.1086	0.4173
285	2025	ALT3	WB	PM	Mainline	1.13	1.45	30.52	6.11	10116	7372	0.1200	0.1107	0.0338	0.0016	0.0226	0.0562	0.0071	0.0028	0.0008	0.0892	0.2400
286	2025	ALT3	WB	PM	Mainline	1.04	1.36	29.37	5.52	9387	6819	0.0988	0.0912	0.0312	0.0014	0.0218	0.0538	0.0065	0.0028	0.0007	0.0681	0.2373
287	2025	ALT3	WB	PM	Mainline	1.80	2.30	48.15	9.59	15992	11636	0.1904	0.1755	0.0537	0.0025	0.0348	0.0871	0.0113	0.0045	0.0012	0.1418	0.3644
288	2025	ALT3	WB	PM	Mainline	0.19	0.25	4.92	0.99	1673	1212	0.0205	0.0189	0.0058	0.0003	0.0033	0.0086	0.0012	0.0005	0.0001	0.0154	0.0331
289	2025	ALT3	WB	PM	Mainline	1.91	2.45	51.52	10.20	17052	12400	0.2009	0.1852	0.0573	0.0027	0.0369	0.0926	0.0121	0.0048	0.0013	0.1489	0.3865
290	2025	ALT3	WB	PM	Ramp	0.07	0.09	2.19	0.26	610	420	0.0035	0.0032	0.0021	0.0001	0.0006	0.0020	0.0005	0.0002	0.0000	0.0008	0.0033
291	2025	ALT3	WB	PM	Ramp	0.08	0.11	2.28	0.28	703	485	0.0047	0.0043	0.0026	0.0001	0.0008	0.0026	0.0006	0.0003	0.0000	0.0011	0.0055

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
292	2025	ALT3	WB	PM	Ramp	0.02	0.03	0.61	0.07	170	117	0.0010	0.0009	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0002	0.0010
293	2025	ALT3	WB	PM	Ramp	0.23	0.33	3.24	0.46	1481	1024	0.0135	0.0125	0.0073	0.0004	0.0034	0.0095	0.0015	0.0010	0.0002	0.0021	0.0337
294	2025	ALT3	WB	PM	Ramp	0.06	0.08	1.49	0.19	482	334	0.0034	0.0032	0.0018	0.0001	0.0006	0.0019	0.0004	0.0002	0.0000	0.0009	0.0045
295	2025	ALT3	WB	PM	Ramp	0.23	0.33	3.16	0.41	1485	1019	0.0135	0.0125	0.0073	0.0004	0.0025	0.0078	0.0016	0.0011	0.0002	0.0014	0.0213
296	2025	ALT3	WB	PM	Ramp	0.09	0.12	1.54	0.22	612	427	0.0052	0.0048	0.0027	0.0001	0.0014	0.0038	0.0006	0.0003	0.0001	0.0013	0.0145
297	2025	ALT3	WB	PM	Ramp	1.06	1.39	23.09	5.25	8641	6400	0.0988	0.0912	0.0309	0.0013	0.0299	0.0690	0.0061	0.0030	0.0007	0.0658	0.3565
298	2025	ALT3	WB	PM	Ramp	0.00	0.01	0.13	0.02	40	27	0.0003	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0003
299	2025	ALT3	WB	PM	Ramp	0.02	0.02	0.52	0.07	149	104	0.0010	0.0009	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0003	0.0015
300	2025	ALT3	WB	PM	Ramp	0.46	0.63	13.57	1.74	4045	2809	0.0272	0.0252	0.0145	0.0007	0.0051	0.0156	0.0032	0.0017	0.0003	0.0085	0.0406
301	2025	ALT3	WB	PM	Ramp	0.22	0.31	3.57	0.51	1504	1045	0.0132	0.0122	0.0070	0.0003	0.0036	0.0096	0.0015	0.0009	0.0001	0.0027	0.0360
302	2025	ALT3	WB	PM	Ramp	0.01	0.02	0.41	0.05	120	83	0.0008	0.0007	0.0004	0.0000	0.0002	0.0005	0.0001	0.0000	0.0000	0.0003	0.0012
303	2025	ALT3	WB	PM	Ramp	0.09	0.12	2.09	0.27	711	493	0.0053	0.0049	0.0028	0.0001	0.0009	0.0029	0.0006	0.0004	0.0001	0.0013	0.0072
304	2025	ALT3	WB	PM	Ramp	0.03	0.04	0.88	0.11	276	192	0.0019	0.0018	0.0010	0.0001	0.0004	0.0011	0.0002	0.0001	0.0000	0.0005	0.0027
305	2025	ALT3	WB	PM	Ramp	0.13	0.18	2.86	0.37	1018	706	0.0079	0.0073	0.0041	0.0002	0.0015	0.0046	0.0009	0.0005	0.0001	0.0019	0.0129
306	2025	ALT3	WB	PM	Ramp	0.03	0.05	0.89	0.11	280	193	0.0019	0.0017	0.0011	0.0001	0.0003	0.0010	0.0002	0.0001	0.0000	0.0004	0.0019
307	2025	ALT3	WB	PM	Ramp	0.19	0.28	2.35	0.31	1216	833	0.0117	0.0109	0.0062	0.0003	0.0022	0.0067	0.0013	0.0009	0.0001	0.0010	0.0185
308	2025	ALT3	WB	PM	Ramp	0.08	0.11	1.75	0.23	616	428	0.0048	0.0044	0.0025	0.0001	0.0009	0.0027	0.0005	0.0003	0.0000	0.0013	0.0078
309	2025	ALT3	WB	PM	Ramp	0.21	0.29	2.37	0.38	1207	840	0.0121	0.0112	0.0064	0.0003	0.0042	0.0105	0.0013	0.0009	0.0001	0.0021	0.0462
310	2025	ALT3	WB	PM	Ramp	0.61	0.84	11.89	1.79	4490	3153	0.0386	0.0357	0.0188	0.0009	0.0102	0.0269	0.0040	0.0023	0.0004	0.0126	0.1050
311	2025	ALT3	WB	PM	Ramp	0.25	0.35	3.90	0.53	1667	1151	0.0144	0.0134	0.0078	0.0004	0.0033	0.0095	0.0017	0.0011	0.0002	0.0024	0.0312
312	2025	ALT3	WB	PM	Ramp	0.06	0.08	1.61	0.21	515	357	0.0037	0.0034	0.0019	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0011	0.0055
313	2025	ALT3	WB	PM	Ramp	0.32	0.44	9.67	1.24	2842	1974	0.0188	0.0174	0.0101	0.0005	0.0036	0.0108	0.0022	0.0011	0.0002	0.0060	0.0280
314	2025	ALT3	WB	PM	Ramp	0.08	0.11	1.94	0.23	651	447	0.0045	0.0041	0.0026	0.0001	0.0006	0.0022	0.0006	0.0003	0.0000	0.0007	0.0035
315	2025	ALT3	WB	PM	Ramp	0.14	0.19	2.91	0.39	1055	732	0.0083	0.0077	0.0043	0.0002	0.0017	0.0050	0.0009	0.0006	0.0001	0.0021	0.0152
316	2025	ALT3	WB	PM	Ramp	0.07	0.10	1.69	0.19	566	388	0.0038	0.0036	0.0022	0.0001	0.0005	0.0019	0.0005	0.0003	0.0000	0.0006	0.0027
317	2025	ALT3	WB	PM	Ramp	0.10	0.13	1.94	0.26	720	500	0.0058	0.0053	0.0030	0.0001	0.0013	0.0036	0.0006	0.0004	0.0001	0.0014	0.0117
318	2025	ALT3	WB	PM	Ramp	0.08	0.11	2.00	0.23	663	455	0.0045	0.0042	0.0026	0.0001	0.0007	0.0023	0.0006	0.0003	0.0001	0.0008	0.0038
319	2025	ALT3	WB	PM	Ramp	0.12	0.17	2.68	0.34	949	657	0.0072	0.0067	0.0038	0.0002	0.0014	0.0042	0.0008	0.0005	0.0001	0.0017	0.0113
320	2025	ALT3	WB	PM	Ramp	0.09	0.12	1.84	0.22	664	456	0.0049	0.0045	0.0028	0.0001	0.0008	0.0026	0.0006	0.0004	0.0001	0.0007	0.0054
321	2025	ALT3	WB	PM	Ramp	0.11	0.15	2.14	0.28	793	550	0.0063	0.0058	0.0033	0.0002	0.0013	0.0038	0.0007	0.0004	0.0001	0.0014	0.0116
322	2025	ALT3	WB	PM	Ramp	0.10	0.14	1.54	0.21	662	457	0.0057	0.0053	0.0031	0.0002	0.0013	0.0037	0.0007	0.0004	0.0001	0.0009	0.0120
323	2025	ALT3	WB	PM	Ramp	0.14	0.19	3.82	0.52	1177	823	0.0085	0.0079	0.0043	0.0002	0.0017	0.0050	0.0009	0.0005	0.0001	0.0031	0.0154
324	2025	ALT3	WB	PM	Ramp	0.09	0.12	2.25	0.28	732	506	0.0051	0.0048	0.0028	0.0001	0.0009	0.0028	0.0006	0.0003	0.0001	0.0012	0.0061
325	2025	ALT3	WB	PM	Ramp	0.26	0.36	5.21	0.74	1933	1351	0.0160	0.0148	0.0080	0.0004	0.0038	0.0105	0.0017	0.0010	0.0002	0.0047	0.0376
326	2025	ALT3	WB	PM	Ramp																	
327	2025	ALT3	WB	PM	Ramp																	
328	2025	ALT3	WB	PM	Ramp	0.05	0.07	1.49	0.17	456	313	0.0029	0.0027	0.0017	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0005	0.0025
329	2025	ALT3	WB	PM	Ramp	0.15	0.21	3.16	0.43	1163	808	0.0093	0.0086	0.0048	0.0002	0.0020	0.0058	0.0010	0.0006	0.0001	0.0024	0.0186
330	2025	ALT3	WB	PM	Ramp	0.04	0.06	1.14	0.14	348	240	0.0023	0.0021	0.0013	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0006	0.0029
331	2025	ALT3	WB	PM	Ramp	0.13	0.18	3.67	0.51	1134	793	0.0083	0.0077	0.0041	0.0002	0.0017	0.0049	0.0009	0.0005	0.0001	0.0031	0.0153
332	2025	ALT3	WB	PM	Ramp	0.06	0.07	1.69	0.23	494	345	0.0034	0.0032	0.0017	0.0001	0.0007	0.0020	0.0004	0.0002	0.0000	0.0014	0.0060
333	2025	ALT3	WB	PM	Ramp	0.11	0.15	3.09	0.46	971	686	0.0077	0.0071	0.0035	0.0002	0.0018	0.0047	0.0007	0.0004	0.0001	0.0035	0.0173
334	2025	ALT3	WB	PM	Ramp	0.05	0.07	1.53	0.22	463	326	0.0035	0.0032	0.0016	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0015	0.0069
335	2025	ALT3	WB	PM	Ramp	0.17	0.23	4.33	0.72	1430	1021	0.0126	0.0117	0.0052	0.0002	0.0032	0.0080	0.0011	0.0006	0.0001	0.0064	0.0334
336	2025	ALT3	WB	PM	Ramp	0.12	0.16	3.06	0.50	1008	719	0.0088	0.0082	0.0036	0.0002	0.0022	0.0056	0.0008	0.0004	0.0001	0.0045	0.0232
337	2025	ALT3	WB	PM	Ramp	0.12	0.17	2.68	0.45	979	697	0.0090	0.0083	0.0038	0.0002	0.0022	0.0057	0.0008	0.0004	0.0001	0.0041	0.0233
338	2025	ALT3	WB	PM	Ramp	0.08	0.11	1.99	0.37	678	491	0.0066	0.0061	0.0024	0.0001	0.0018	0.0043	0.0005	0.0002	0.0001	0.0038	0.0198
339	2025	ALT3	WB	PM	Ramp	0.18	0.24	5.53	0.82	1609	1131	0.0121	0.0112	0.0055	0.0003	0.0023	0.0067	0.0012	0.0005	0.0001	0.0062	0.0202

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
340	2025	ALT3	WB	PM	Ramp	0.65	0.88	17.73	2.59	5570	3923	0.0434	0.0401	0.0200	0.0010	0.0096	0.0263	0.0043	0.0022	0.0004	0.0183	0.0925
341	2025	ALT3	WB	PM	Ramp	0.83	1.15	18.65	2.93	6679	4723	0.0582	0.0538	0.0258	0.0012	0.0133	0.0358	0.0055	0.0031	0.0005	0.0234	0.1340
342	2025	ALT3	WB	PM	Ramp	0.06	0.08	1.43	0.24	477	342	0.0043	0.0040	0.0017	0.0001	0.0011	0.0028	0.0004	0.0002	0.0000	0.0022	0.0118
343	2025	ALT3	WB	PM	Ramp	0.25	0.35	2.86	0.51	1407	990	0.0143	0.0132	0.0076	0.0003	0.0063	0.0151	0.0015	0.0009	0.0001	0.0036	0.0743
344	2025	ALT3	WB	PM	Ramp	0.05	0.07	1.39	0.22	460	327	0.0039	0.0036	0.0017	0.0001	0.0010	0.0025	0.0004	0.0002	0.0000	0.0019	0.0099
345	2025	ALT3	WB	PM	Ramp	0.10	0.13	1.25	0.23	577	409	0.0058	0.0053	0.0030	0.0001	0.0026	0.0062	0.0006	0.0003	0.0001	0.0018	0.0310
346	2025	ALT3	WB	PM	Ramp	0.12	0.17	1.96	0.29	816	569	0.0072	0.0067	0.0038	0.0002	0.0021	0.0056	0.0008	0.0005	0.0001	0.0018	0.0224
347	2025	ALT3	WB	PM	Ramp	0.04	0.06	1.04	0.13	349	242	0.0026	0.0024	0.0013	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0007	0.0036
348	2025	ALT3	WB	PM	Ramp	0.37	0.50	9.70	1.51	3135	2222	0.0260	0.0240	0.0113	0.0005	0.0061	0.0162	0.0024	0.0012	0.0002	0.0120	0.0620
349	2025	ALT3	WB	PM	Ramp	0.13	0.18	3.19	0.41	1074	744	0.0079	0.0073	0.0042	0.0002	0.0014	0.0043	0.0009	0.0005	0.0001	0.0020	0.0106
350	2025	ALT3	WB	PM	Ramp	0.11	0.15	3.33	0.41	955	660	0.0059	0.0054	0.0034	0.0002	0.0010	0.0033	0.0008	0.0004	0.0001	0.0016	0.0069
351	2025	ALT3	WB	PM	Ramp	0.10	0.13	1.53	0.27	634	452	0.0061	0.0056	0.0029	0.0001	0.0023	0.0056	0.0006	0.0003	0.0001	0.0024	0.0272
352	2025	ALT3	WB	PM	Ramp	0.05	0.07	1.15	0.16	412	288	0.0033	0.0031	0.0016	0.0001	0.0007	0.0020	0.0004	0.0002	0.0000	0.0010	0.0067
353	2025	ALT3	WB	PM	Ramp	0.16	0.22	4.10	0.49	1307	900	0.0087	0.0081	0.0050	0.0003	0.0014	0.0046	0.0011	0.0006	0.0001	0.0017	0.0086
354	2025	ALT3	WB	PM	Ramp	0.32	0.44	5.46	0.82	2198	1540	0.0193	0.0179	0.0098	0.0005	0.0058	0.0151	0.0021	0.0012	0.0002	0.0056	0.0623
355	2025	ALT3	WB	PM	Ramp	0.14	0.20	2.55	0.32	1009	696	0.0082	0.0076	0.0045	0.0002	0.0017	0.0050	0.0010	0.0006	0.0001	0.0014	0.0141
356	2025	ALT3	WB	PM	Ramp	0.10	0.14	1.96	0.25	742	513	0.0059	0.0054	0.0032	0.0002	0.0012	0.0036	0.0007	0.0004	0.0001	0.0012	0.0109
357	2025	ALT3	WB	PM	Ramp	0.27	0.39	4.59	0.60	1905	1313	0.0160	0.0148	0.0087	0.0004	0.0034	0.0099	0.0019	0.0012	0.0002	0.0025	0.0295
358	2025	ALT3	WB	PM	Ramp	0.27	0.37	2.66	0.54	1380	980	0.0148	0.0137	0.0079	0.0003	0.0083	0.0190	0.0015	0.0009	0.0001	0.0042	0.1019
359	2025	ALT3	WB	PM	Ramp	0.14	0.19	2.33	0.30	950	655	0.0079	0.0073	0.0043	0.0002	0.0017	0.0050	0.0009	0.0006	0.0001	0.0013	0.0153
360	2025	ALT3	WB	PM	Ramp	0.18	0.25	2.22	0.38	1067	749	0.0106	0.0098	0.0056	0.0002	0.0043	0.0105	0.0011	0.0007	0.0001	0.0026	0.0499
361	2025	ALT3	WB	PM	Ramp	0.12	0.16	1.70	0.25	753	522	0.0068	0.0063	0.0036	0.0002	0.0018	0.0050	0.0008	0.0005	0.0001	0.0013	0.0185
362	2025	ALT3	WB	PM	Ramp	0.17	0.24	2.89	0.42	1182	824	0.0103	0.0096	0.0054	0.0003	0.0030	0.0078	0.0011	0.0007	0.0001	0.0026	0.0307
363	2025	ALT3	WB	PM	Ramp	0.18	0.26	3.40	0.41	1326	911	0.0104	0.0097	0.0058	0.0003	0.0018	0.0059	0.0013	0.0008	0.0001	0.0015	0.0140
364	2025	ALT3	WB	PM	HOV																	
365	2025	ALT3	WB	PM	HOV																	
366	2025	ALT3	WB	PM	HOT	0.14	0.18	3.43	0.43	1066	726	0.0045	0.0042	0.0044	0.0002	0.0009	0.0034	0.0010	0.0003	0.0001	0.0005	0.0009
367	2025	ALT3	WB	PM	HOT	0.14	0.18	3.43	0.43	1066	726	0.0045	0.0042	0.0044	0.0002	0.0009	0.0034	0.0010	0.0003	0.0001	0.0005	0.0009
368	2025	ALT3	WB	PM	HOT	0.14	0.18	3.43	0.43	1066	726	0.0045	0.0042	0.0044	0.0002	0.0009	0.0034	0.0010	0.0003	0.0001	0.0005	0.0009
369	2025	ALT3	WB	PM	HOT	0.14	0.18	3.43	0.43	1066	726	0.0045	0.0042	0.0044	0.0002	0.0009	0.0034	0.0010	0.0003	0.0001	0.0005	0.0009
370	2025	ALT3	WB	PM	HOT	0.11	0.14	2.58	0.33	802	546	0.0034	0.0031	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
371	2025	ALT3	WB	PM	HOT	0.11	0.14	2.58	0.33	802	546	0.0034	0.0031	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
372	2025	ALT3	WB	PM	HOT	0.11	0.14	2.58	0.33	802	546	0.0034	0.0031	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
373	2025	ALT3	WB	PM	HOT	0.11	0.14	2.58	0.33	802	546	0.0034	0.0031	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
374	2025	ALT3	WB	PM	HOT	0.11	0.14	2.58	0.33	802	546	0.0034	0.0031	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
375	2025	ALT3	WB	PM	HOT	0.11	0.14	2.58	0.33	802	546	0.0034	0.0031	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
376	2025	ALT3	WB	PM	HOT	0.11	0.14	2.58	0.33	802	546	0.0034	0.0031	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
377	2025	ALT3	WB	PM	HOT	0.55	0.70	13.36	1.69	4134	2816	0.0174	0.0161	0.0171	0.0009	0.0033	0.0130	0.0039	0.0013	0.0002	0.0021	0.0035
378	2025	ALT3	WB	PM	HOT	0.55	0.70	13.36	1.69	4134	2816	0.0174	0.0161	0.0171	0.0009	0.0033	0.0130	0.0039	0.0013	0.0002	0.0021	0.0035
379	2025	ALT3	WB	PM	HOT	0.38	0.49	9.74	1.23	2951	2010	0.0124	0.0115	0.0119	0.0006	0.0023	0.0091	0.0027	0.0010	0.0001	0.0015	0.0025
380	2025	ALT3	WB	PM	HOT	0.38	0.49	9.74	1.23	2951	2010	0.0124	0.0115	0.0119	0.0006	0.0023	0.0091	0.0027	0.0010	0.0001	0.0015	0.0025
381	2025	ALT3	WB	PM	HOT	0.38	0.49	9.74	1.23	2951	2010	0.0124	0.0115	0.0119	0.0006	0.0023	0.0091	0.0027	0.0010	0.0001	0.0015	0.0025
382	2025	ALT3	WB	PM	HOT	0.38	0.49	9.74	1.23	2951	2010	0.0124	0.0115	0.0119	0.0006	0.0023	0.0091	0.0027	0.0010	0.0001	0.0015	0.0025
383	2025	ALT3	WB	PM	HOT	0.38	0.49	9.74	1.23	2951	2010	0.0124	0.0115	0.0119	0.0006	0.0023	0.0091	0.0027	0.0010	0.0001	0.0015	0.0025
384	2025	ALT3	WB	PM	HOT	0.38	0.49	9.74	1.23	2951	2010	0.0124	0.0115	0.0119	0.0006	0.0023	0.0091	0.0027	0.0010	0.0001	0.0015	0.0025
385	2025	ALT3	WB	PM	HOT	0.38	0.49	9.74	1.23	2951	2010	0.0124	0.0115	0.0119	0.0006	0.0023	0.0091	0.0027	0.0010	0.0001	0.0015	0.0025
386	2025	ALT3	WB	PM	HOT	0.38	0.49	9.74	1.23	2951	2010	0.0124	0.0115	0.0119	0.0006	0.0023	0.0091	0.0027	0.0010	0.0001	0.0015	0.0025
387	2025	ALT3	WB	PM	HOT	0.38	0.49	9.74	1.23	2951	2010	0.0124	0.0115	0.0119	0.0006	0.0023	0.0091	0.0027	0.0010	0.0001	0.0015	0.0025

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
388	2025	ALT3	WB	PM	HOT	0.38	0.49	9.74	1.23	2951	2010	0.0124	0.0115	0.0119	0.0006	0.0023	0.0091	0.0027	0.0010	0.0001	0.0015	0.0025
389	2025	ALT3	WB	PM	HOT	0.38	0.49	9.74	1.23	2951	2010	0.0124	0.0115	0.0119	0.0006	0.0023	0.0091	0.0027	0.0010	0.0001	0.0015	0.0025
390	2025	ALT3	WB	PM	HOT	0.44	0.57	11.16	1.41	3395	2312	0.0143	0.0133	0.0138	0.0007	0.0027	0.0105	0.0032	0.0011	0.0002	0.0017	0.0029
391	2025	ALT3	WB	PM	HOT	0.44	0.57	11.16	1.41	3395	2312	0.0143	0.0133	0.0138	0.0007	0.0027	0.0105	0.0032	0.0011	0.0002	0.0017	0.0029
392	2025	ALT3	WB	PM	HOT	0.44	0.57	11.16	1.41	3395	2312	0.0143	0.0133	0.0138	0.0007	0.0027	0.0105	0.0032	0.0011	0.0002	0.0017	0.0029
393	2025	ALT3	WB	PM	HOT	0.44	0.57	11.16	1.41	3395	2312	0.0143	0.0133	0.0138	0.0007	0.0027	0.0105	0.0032	0.0011	0.0002	0.0017	0.0029
394	2025	ALT3	WB	PM	HOT	0.44	0.57	11.16	1.41	3395	2312	0.0143	0.0133	0.0138	0.0007	0.0027	0.0105	0.0032	0.0011	0.0002	0.0017	0.0029
395	2025	ALT3	WB	PM	HOT	0.44	0.57	11.16	1.41	3395	2312	0.0143	0.0133	0.0138	0.0007	0.0027	0.0105	0.0032	0.0011	0.0002	0.0017	0.0029
396	2025	ALT3	WB	PM	HOT	0.44	0.57	11.16	1.41	3395	2312	0.0143	0.0133	0.0138	0.0007	0.0027	0.0105	0.0032	0.0011	0.0002	0.0017	0.0029
397	2025	ALT3	WB	PM	HOT	0.44	0.57	11.16	1.41	3395	2312	0.0143	0.0133	0.0138	0.0007	0.0027	0.0105	0.0032	0.0011	0.0002	0.0017	0.0029
398	2025	ALT3	WB	PM	HOT	0.44	0.57	11.16	1.41	3395	2312	0.0143	0.0133	0.0138	0.0007	0.0027	0.0105	0.0032	0.0011	0.0002	0.0017	0.0029
399	2025	ALT3	WB	PM	HOT	0.44	0.57	11.16	1.41	3395	2312	0.0143	0.0133	0.0138	0.0007	0.0027	0.0105	0.0032	0.0011	0.0002	0.0017	0.0029
400	2025	ALT3	WB	PM	HOT	0.44	0.57	11.16	1.41	3395	2312	0.0143	0.0133	0.0138	0.0007	0.0027	0.0105	0.0032	0.0011	0.0002	0.0017	0.0029
401	2025	ALT3	WB	PM	HOT	0.23	0.30	5.78	0.73	1771	1206	0.0075	0.0069	0.0073	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0015
402	2025	ALT3	WB	PM	HOT	0.23	0.30	5.78	0.73	1771	1206	0.0075	0.0069	0.0073	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0015
403	2025	ALT3	WB	PM	HOT	0.23	0.30	5.78	0.73	1771	1206	0.0075	0.0069	0.0073	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0015
404	2025	ALT3	WB	PM	HOT	0.23	0.30	5.78	0.73	1771	1206	0.0075	0.0069	0.0073	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0015
405	2025	ALT3	WB	PM	HOT	0.23	0.30	5.78	0.73	1771	1206	0.0075	0.0069	0.0073	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0015
406	2025	ALT3	WB	PM	HOT	0.23	0.30	5.78	0.73	1771	1206	0.0075	0.0069	0.0073	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0015
407	2025	ALT3	WB	PM	HOT	0.23	0.30	5.78	0.73	1771	1206	0.0075	0.0069	0.0073	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0015
408	2025	ALT3	WB	PM	HOT	0.23	0.30	5.78	0.73	1771	1206	0.0075	0.0069	0.0073	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0015
409	2025	ALT3	WB	PM	HOT	0.23	0.30	5.78	0.73	1771	1206	0.0075	0.0069	0.0073	0.0004	0.0014	0.0055	0.0017	0.0006	0.0001	0.0009	0.0015
410	2025	ALT3	WB	PM	HOT	0.48	0.62	12.78	1.61	3804	2591	0.0161	0.0149	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0019	0.0033
411	2025	ALT3	WB	PM	HOT	0.48	0.62	12.78	1.61	3804	2591	0.0161	0.0149	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0019	0.0033
412	2025	ALT3	WB	PM	HOT	0.48	0.62	12.78	1.61	3804	2591	0.0161	0.0149	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0019	0.0033
413	2025	ALT3	WB	PM	HOT	0.48	0.62	12.78	1.61	3804	2591	0.0161	0.0149	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0019	0.0033
414	2025	ALT3	WB	PM	HOT	0.48	0.62	12.78	1.61	3804	2591	0.0161	0.0149	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0019	0.0033
415	2025	ALT3	WB	PM	HOT	0.48	0.62	12.78	1.61	3804	2591	0.0161	0.0149	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0019	0.0033
416	2025	ALT3	WB	PM	HOT	0.48	0.62	12.78	1.61	3804	2591	0.0161	0.0149	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0019	0.0033
417	2025	ALT3	WB	PM	HOT	0.48	0.62	12.78	1.61	3804	2591	0.0161	0.0149	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0019	0.0033
418	2025	ALT3	WB	PM	HOT	0.48	0.62	12.78	1.61	3804	2591	0.0161	0.0149	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0019	0.0033
419	2025	ALT3	WB	PM	HOT	0.48	0.62	12.78	1.61	3804	2591	0.0161	0.0149	0.0151	0.0008	0.0029	0.0115	0.0035	0.0012	0.0002	0.0019	0.0033
420	2025	ALT3	WB	PM	HOT	0.65	0.85	19.12	2.33	5427	3696	0.0231	0.0214	0.0205	0.0011	0.0039	0.0155	0.0047	0.0018	0.0003	0.0026	0.0050
421	2025	ALT3	WB	PM	HOT	0.65	0.85	19.12	2.33	5427	3696	0.0231	0.0214	0.0205	0.0011	0.0039	0.0155	0.0047	0.0018	0.0003	0.0026	0.0050
422	2025	ALT3	WB	PM	HOT	0.65	0.85	19.12	2.33	5427	3696	0.0231	0.0214	0.0205	0.0011	0.0039	0.0155	0.0047	0.0018	0.0003	0.0026	0.0050
423	2025	ALT3	WB	PM	HOT	0.65	0.85	19.12	2.33	5427	3696	0.0231	0.0214	0.0205	0.0011	0.0039	0.0155	0.0047	0.0018	0.0003	0.0026	0.0050
424	2025	ALT3	WB	PM	HOT	0.65	0.85	19.12	2.33	5427	3696	0.0231	0.0214	0.0205	0.0011	0.0039	0.0155	0.0047	0.0018	0.0003	0.0026	0.0050
425	2025	ALT3	WB	PM	HOT	0.65	0.85	19.12	2.33	5427	3696	0.0231	0.0214	0.0205	0.0011	0.0039	0.0155	0.0047	0.0018	0.0003	0.0026	0.0050
426	2025	ALT3	WB	PM	HOT	0.65	0.85	19.12	2.33	5427	3696	0.0231	0.0214	0.0205	0.0011	0.0039	0.0155	0.0047	0.0018	0.0003	0.0026	0.0050
427	2025	ALT3	WB	PM	HOT	0.65	0.85	19.12	2.33	5427	3696	0.0231	0.0214	0.0205	0.0011	0.0039	0.0155	0.0047	0.0018	0.0003	0.0026	0.0050
428	2025	ALT3	WB	PM	HOT	0.65	0.85	19.12	2.33	5427	3696	0.0231	0.0214	0.0205	0.0011	0.0039	0.0155	0.0047	0.0018	0.0003	0.0026	0.0050
429	2025	ALT3	WB	PM	HOT	0.65	0.85	19.12	2.33	5427	3696	0.0231	0.0214	0.0205	0.0011	0.0039	0.0155	0.0047	0.0018	0.0003	0.0026	0.0050
430	2025	ALT3	WB	PM	HOT	0.48	0.64	15.98	1.84	4283	2917	0.0191	0.0177	0.0153	0.0008	0.0029	0.0115	0.0035	0.0015	0.0002	0.0019	0.0044
431	2025	ALT3	WB	PM	HOT	0.48	0.64	15.98	1.84	4283	2917	0.0191	0.0177	0.0153	0.0008	0.0029	0.0115	0.0035	0.0015	0.0002	0.0019	0.0044
432	2025	ALT3	WB	PM	HOT	0.48	0.64	15.98	1.84	4283	2917	0.0191	0.0177	0.0153	0.0008	0.0029	0.0115	0.0035	0.0015	0.0002	0.0019	0.0044
433	2025	ALT3	WB	PM	HOT	0.25	0.33	8.20	0.95	2205	1502	0.0098	0.0090	0.0079	0.0004	0.0015	0.0060	0.0018	0.0008	0.0001	0.0010	0.0022
434	2025	ALT3	WB	PM	HOT	0.25	0.33	8.20	0.95	2205	1502	0.0098	0.0090	0.0079	0.0004	0.0015	0.0060	0.0018	0.0008	0.0001	0.0010	0.0022
435	2025	ALT3	WB	PM	HOT	0.25	0.33	8.20	0.95	2205	1502	0.0098	0.0090	0.0079	0.0004	0.0015	0.0060	0.0018	0.0008	0.0001	0.0010	0.0022

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
436	2025	ALT3	WB	PM	HOT	0.25	0.33	8.20	0.95	2205	1502	0.0098	0.0090	0.0079	0.0004	0.0015	0.0060	0.0018	0.0008	0.0001	0.0010	0.0022
437	2025	ALT3	WB	PM	HOT	0.25	0.33	8.20	0.95	2205	1502	0.0098	0.0090	0.0079	0.0004	0.0015	0.0060	0.0018	0.0008	0.0001	0.0010	0.0022
216	2025	ALT3	WB	NT	Mainline	1.08	1.32	19.57	8.06	9626	7557	0.2847	0.2620	0.0308	0.0012	0.0324	0.0735	0.0061	0.0020	0.0014	0.2656	0.3840
217	2025	ALT3	WB	NT	Mainline	2.02	2.47	36.26	15.53	18182	14345	0.5558	0.5116	0.0573	0.0023	0.0628	0.1415	0.0112	0.0037	0.0027	0.5208	0.7503
218	2025	ALT3	WB	NT	Mainline	1.27	1.56	22.76	9.99	11557	9146	0.3602	0.3316	0.0361	0.0014	0.0406	0.0911	0.0070	0.0024	0.0017	0.3385	0.4876
219	2025	ALT3	WB	NT	Mainline	1.86	2.28	33.22	14.89	17042	13526	0.5373	0.4945	0.0526	0.0020	0.0610	0.1362	0.0101	0.0034	0.0026	0.5059	0.7368
220	2025	ALT3	WB	NT	Mainline	1.08	1.33	19.91	7.86	9588	7490	0.2728	0.2511	0.0310	0.0013	0.0315	0.0718	0.0061	0.0021	0.0013	0.2531	0.3697
221	2025	ALT3	WB	NT	Mainline	0.97	1.19	17.69	7.31	8716	6848	0.2579	0.2374	0.0277	0.0011	0.0295	0.0668	0.0054	0.0018	0.0012	0.2407	0.3506
222	2025	ALT3	WB	NT	Mainline	1.13	1.40	20.95	7.93	9895	7687	0.2726	0.2509	0.0327	0.0014	0.0313	0.0722	0.0065	0.0022	0.0013	0.2516	0.3637
223	2025	ALT3	WB	NT	Mainline	0.54	0.66	9.96	3.71	4669	3619	0.1267	0.1166	0.0155	0.0007	0.0146	0.0337	0.0031	0.0010	0.0006	0.1166	0.1688
224	2025	ALT3	WB	NT	Mainline	0.72	0.88	13.03	5.33	6389	5013	0.1876	0.1727	0.0204	0.0008	0.0215	0.0487	0.0040	0.0013	0.0009	0.1749	0.2546
225	2025	ALT3	WB	NT	Mainline	0.46	0.56	8.31	3.47	4116	3238	0.1229	0.1131	0.0131	0.0005	0.0140	0.0317	0.0026	0.0009	0.0006	0.1148	0.1670
226	2025	ALT3	WB	NT	Mainline	2.04	2.50	36.62	15.57	18298	14420	0.5571	0.5128	0.0580	0.0023	0.0628	0.1417	0.0113	0.0038	0.0027	0.5216	0.7479
227	2025	ALT3	WB	NT	Mainline	0.75	0.92	13.62	5.35	6554	5113	0.1873	0.1725	0.0214	0.0009	0.0212	0.0486	0.0043	0.0014	0.0009	0.1738	0.2480
228	2025	ALT3	WB	NT	Mainline	0.44	0.54	8.17	2.82	3702	2840	0.0941	0.0866	0.0127	0.0006	0.0109	0.0255	0.0026	0.0009	0.0005	0.0856	0.1222
229	2025	ALT3	WB	NT	Mainline	2.81	3.46	52.14	19.33	24398	18901	0.6603	0.6078	0.0812	0.0034	0.0760	0.1759	0.0163	0.0054	0.0033	0.6075	0.8773
230	2025	ALT3	WB	NT	Mainline	0.69	0.85	12.78	4.54	5869	4521	0.1532	0.1411	0.0199	0.0009	0.0177	0.0413	0.0040	0.0013	0.0008	0.1401	0.2011
231	2025	ALT3	WB	NT	Mainline	0.74	0.91	13.65	5.09	6406	4966	0.1742	0.1604	0.0213	0.0009	0.0201	0.0463	0.0043	0.0014	0.0009	0.1604	0.2317
232	2025	ALT3	WB	NT	Mainline	0.78	0.97	14.73	5.04	6653	5102	0.1677	0.1544	0.0228	0.0010	0.0195	0.0458	0.0047	0.0015	0.0008	0.1524	0.2191
233	2025	ALT3	WB	NT	Mainline	2.69	3.33	51.32	17.97	23329	17966	0.5925	0.5455	0.0780	0.0033	0.0707	0.1644	0.0158	0.0053	0.0030	0.5404	0.8089
234	2025	ALT3	WB	NT	Mainline	0.44	0.55	8.49	2.80	3761	2873	0.0907	0.0835	0.0129	0.0006	0.0108	0.0255	0.0026	0.0009	0.0005	0.0819	0.1210
235	2025	ALT3	WB	NT	Mainline	1.77	2.18	33.94	11.53	15211	11670	0.3750	0.3453	0.0513	0.0022	0.0450	0.1054	0.0104	0.0035	0.0019	0.3403	0.5116
236	2025	ALT3	WB	NT	Mainline	1.12	1.39	21.48	7.16	9561	7313	0.2328	0.2144	0.0327	0.0014	0.0277	0.0652	0.0067	0.0022	0.0012	0.2106	0.3111
237	2025	ALT3	WB	NT	Mainline	1.74	2.14	31.82	12.93	15545	12189	0.4531	0.4170	0.0497	0.0020	0.0521	0.1182	0.0098	0.0033	0.0022	0.4219	0.6164
238	2025	ALT3	WB	NT	Mainline	0.56	0.68	10.30	3.98	4907	3824	0.1369	0.1260	0.0160	0.0007	0.0159	0.0363	0.0032	0.0011	0.0007	0.1267	0.1858
239	2025	ALT3	WB	NT	Mainline	0.49	0.61	9.12	3.50	4332	3372	0.1200	0.1105	0.0141	0.0006	0.0139	0.0320	0.0028	0.0009	0.0006	0.1110	0.1628
240	2025	ALT3	WB	NT	Mainline	0.62	0.76	11.68	3.95	5237	4011	0.1297	0.1194	0.0179	0.0008	0.0153	0.0359	0.0037	0.0012	0.0007	0.1176	0.1719
241	2025	ALT3	WB	NT	Mainline	2.31	2.85	43.73	15.21	19850	15262	0.5039	0.4639	0.0670	0.0029	0.0593	0.1387	0.0136	0.0045	0.0025	0.4591	0.6748
242	2025	ALT3	WB	NT	Mainline	0.15	0.19	2.85	1.00	1297	997	0.0332	0.0306	0.0044	0.0002	0.0039	0.0091	0.0009	0.0003	0.0002	0.0303	0.0440
243	2025	ALT3	WB	NT	Mainline	1.87	2.30	34.88	12.92	16299	12632	0.4385	0.4037	0.0539	0.0023	0.0511	0.1179	0.0108	0.0036	0.0022	0.4034	0.5910
244	2025	ALT3	WB	NT	Mainline	0.28	0.34	5.22	1.89	2413	1864	0.0634	0.0584	0.0080	0.0003	0.0074	0.0172	0.0016	0.0005	0.0003	0.0581	0.0854
245	2025	ALT3	WB	NT	Mainline	1.80	2.22	33.67	12.42	15703	12164	0.4208	0.3874	0.0520	0.0022	0.0491	0.1134	0.0104	0.0035	0.0021	0.3869	0.5674
246	2025	ALT3	WB	NT	Mainline	1.35	1.66	25.33	9.07	11652	8994	0.3039	0.2798	0.0389	0.0017	0.0357	0.0828	0.0079	0.0026	0.0015	0.2782	0.4092
247	2025	ALT3	WB	NT	Mainline	1.80	2.21	33.34	12.64	15750	12242	0.4325	0.3981	0.0517	0.0022	0.0502	0.1154	0.0103	0.0034	0.0021	0.3992	0.5847
248	2025	ALT3	WB	NT	Mainline	0.55	0.68	10.26	3.73	4759	3678	0.1264	0.1164	0.0159	0.0007	0.0146	0.0340	0.0032	0.0011	0.0006	0.1160	0.1681
249	2025	ALT3	WB	NT	Mainline	1.74	2.14	31.83	12.42	15256	11894	0.4321	0.3978	0.0499	0.0021	0.0493	0.1130	0.0099	0.0033	0.0021	0.4004	0.5762
250	2025	ALT3	WB	NT	Mainline	2.77	3.42	51.56	19.07	24096	18665	0.6500	0.5984	0.0801	0.0034	0.0751	0.1737	0.0161	0.0054	0.0032	0.5979	0.8669
251	2025	ALT3	WB	NT	Mainline	2.12	2.61	38.85	15.59	18859	14764	0.5438	0.5005	0.0606	0.0025	0.0626	0.1425	0.0120	0.0040	0.0026	0.5056	0.7392
252	2025	ALT3	WB	NT	Mainline	1.70	2.09	31.29	11.94	14837	11538	0.4112	0.3786	0.0488	0.0020	0.0473	0.1088	0.0097	0.0032	0.0020	0.3799	0.5507
253	2025	ALT3	WB	NT	Mainline	1.21	1.49	22.41	8.55	10625	8263	0.2945	0.2711	0.0349	0.0015	0.0339	0.0779	0.0070	0.0023	0.0014	0.2721	0.3944
254	2025	ALT3	WB	NT	Mainline	1.17	1.45	21.69	8.25	10268	7982	0.2838	0.2612	0.0338	0.0014	0.0327	0.0752	0.0068	0.0023	0.0014	0.2620	0.3799
255	2025	ALT3	WB	NT	Mainline	2.01	2.46	36.43	15.20	18026	14182	0.5368	0.4941	0.0571	0.0023	0.0616	0.1390	0.0112	0.0038	0.0026	0.5015	0.7330
256	2025	ALT3	WB	NT	Mainline	1.25	1.54	23.08	8.95	11028	8594	0.3101	0.2855	0.0360	0.0015	0.0356	0.0816	0.0072	0.0024	0.0015	0.2871	0.4161
257	2025	ALT3	WB	NT	Mainline	1.61	1.98	29.46	12.02	14417	11311	0.4212	0.3878	0.0460	0.0019	0.0485	0.1099	0.0091	0.0030	0.0020	0.3925	0.5745
258	2025	ALT3	WB	NT	Mainline	1.42	1.74	25.97	9.98	12363	9619	0.3461	0.3186	0.0407	0.0017	0.0394	0.0907	0.0081	0.0027	0.0017	0.3200	0.4585
259	2025	ALT3	WB	NT	Mainline	2.04	2.51	37.42	14.69	17988	14038	0.5118	0.4711	0.0586	0.0024	0.0585	0.1338	0.0116	0.0039	0.0025	0.4746	0.6851
260	2025	ALT3	WB	NT	Mainline	1.38	1.70	25.42	9.64	12024	9340	0.3326	0.3062	0.0398	0.0017	0.0380	0.0876	0.0080	0.0026	0.0016	0.3071	0.4403
261	2025	ALT3	WB	NT	Mainline	1.75	2.16	32.03	12.76	15504	12120	0.4464	0.4109	0.0502	0.0021	0.0509	0.1162	0.0100	0.0033	0.0022	0.4147	0.5983

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
262	2025	ALT3	WB	NT	Mainline	4.53	5.57	82.73	32.52	39802	31058	1.1358	1.0455	0.1299	0.0054	0.1292	0.2957	0.0259	0.0086	0.0055	1.0535	1.5114
263	2025	ALT3	WB	NT	Mainline	2.28	2.80	41.53	16.76	20227	15840	0.5885	0.5417	0.0652	0.0027	0.0671	0.1527	0.0129	0.0043	0.0029	0.5476	0.7914
264	2025	ALT3	WB	NT	Mainline	0.92	1.13	16.86	6.86	8234	6463	0.2383	0.2194	0.0261	0.0010	0.0279	0.0631	0.0051	0.0017	0.0012	0.2220	0.3317
265	2025	ALT3	WB	NT	Mainline	0.49	0.60	8.86	3.63	4342	3409	0.1272	0.1171	0.0138	0.0006	0.0147	0.0332	0.0027	0.0009	0.0006	0.1186	0.1740
266	2025	ALT3	WB	NT	Mainline	1.69	2.06	29.85	13.95	15645	12488	0.5064	0.4661	0.0473	0.0018	0.0579	0.1282	0.0090	0.0030	0.0024	0.4788	0.7062
267	2025	ALT3	WB	NT	Mainline	0.54	0.66	9.70	4.38	4997	3972	0.1576	0.1451	0.0153	0.0006	0.0181	0.0403	0.0029	0.0010	0.0007	0.1485	0.2195
268	2025	ALT3	WB	NT	Mainline	0.10	0.12	1.85	0.78	919	724	0.0275	0.0253	0.0029	0.0001	0.0032	0.0071	0.0006	0.0002	0.0001	0.0257	0.0379
269	2025	ALT3	WB	NT	Mainline	2.72	3.33	49.37	21.19	24763	19567	0.7477	0.6882	0.0770	0.0030	0.0871	0.1952	0.0149	0.0050	0.0036	0.7007	1.0472
270	2025	ALT3	WB	NT	Mainline	1.26	1.54	23.02	9.62	11392	8974	0.3359	0.3092	0.0357	0.0014	0.0395	0.0887	0.0069	0.0023	0.0016	0.3138	0.4725
271	2025	ALT3	WB	NT	Mainline	1.94	2.37	35.56	15.23	17805	14083	0.5299	0.4877	0.0546	0.0021	0.0635	0.1417	0.0105	0.0036	0.0025	0.4964	0.7671
272	2025	ALT3	WB	NT	Mainline	1.33	1.63	24.02	11.03	12475	9951	0.3917	0.3605	0.0374	0.0014	0.0465	0.1028	0.0071	0.0024	0.0019	0.3697	0.5691
273	2025	ALT3	WB	NT	Mainline	1.35	1.65	24.24	10.82	12405	9852	0.3853	0.3546	0.0379	0.0015	0.0449	0.0999	0.0073	0.0025	0.0018	0.3626	0.5443
274	2025	ALT3	WB	NT	Mainline	1.54	1.88	27.47	12.66	14296	11397	0.4554	0.4192	0.0432	0.0016	0.0527	0.1169	0.0082	0.0028	0.0022	0.4300	0.6431
275	2025	ALT3	WB	NT	Mainline	2.68	3.26	46.49	23.22	25242	20308	0.8603	0.7918	0.0746	0.0027	0.0970	0.2130	0.0139	0.0047	0.0040	0.8184	1.1952
276	2025	ALT3	WB	NT	Mainline	0.71	0.87	12.60	5.87	6592	5256	0.2144	0.1973	0.0201	0.0008	0.0241	0.0536	0.0038	0.0013	0.0010	0.2026	0.2933
277	2025	ALT3	WB	NT	Mainline	1.58	1.92	27.39	13.61	14830	11923	0.5033	0.4632	0.0439	0.0016	0.0568	0.1249	0.0082	0.0028	0.0024	0.4786	0.6997
278	2025	ALT3	WB	NT	Mainline	0.87	1.06	15.15	7.42	8141	6536	0.2734	0.2516	0.0242	0.0009	0.0310	0.0682	0.0045	0.0015	0.0013	0.2596	0.3806
279	2025	ALT3	WB	NT	Mainline	1.68	2.05	29.80	14.19	15781	12639	0.5124	0.4716	0.0469	0.0017	0.0598	0.1317	0.0088	0.0030	0.0024	0.4853	0.7347
280	2025	ALT3	WB	NT	Mainline	1.67	2.03	28.87	14.99	16026	12966	0.5542	0.5101	0.0462	0.0016	0.0638	0.1390	0.0085	0.0029	0.0026	0.5289	0.7940
281	2025	ALT3	WB	NT	Mainline	1.25	1.52	22.18	10.49	11706	9369	0.3776	0.3475	0.0348	0.0013	0.0443	0.0976	0.0065	0.0022	0.0018	0.3574	0.5439
282	2025	ALT3	WB	NT	Mainline	1.85	2.25	32.45	15.97	17496	14069	0.5815	0.5352	0.0513	0.0019	0.0677	0.1484	0.0096	0.0033	0.0027	0.5524	0.8364
283	2025	ALT3	WB	NT	Mainline	1.73	2.11	30.69	14.58	16237	13002	0.5252	0.4834	0.0482	0.0018	0.0616	0.1356	0.0091	0.0031	0.0025	0.4974	0.7568
284	2025	ALT3	WB	NT	Mainline	2.14	2.62	38.72	17.40	19884	15817	0.6156	0.5666	0.0601	0.0023	0.0730	0.1618	0.0114	0.0039	0.0029	0.5797	0.8889
285	2025	ALT3	WB	NT	Mainline	1.54	1.88	27.15	13.16	14518	11653	0.4768	0.4389	0.0428	0.0016	0.0557	0.1223	0.0080	0.0027	0.0022	0.4524	0.6864
286	2025	ALT3	WB	NT	Mainline	1.32	1.61	23.28	11.25	12428	9972	0.4069	0.3745	0.0367	0.0013	0.0476	0.1046	0.0069	0.0023	0.0019	0.3859	0.5869
287	2025	ALT3	WB	NT	Mainline	2.38	2.89	41.15	21.27	22794	18436	0.7845	0.7220	0.0657	0.0023	0.0908	0.1977	0.0121	0.0041	0.0036	0.7485	1.1293
288	2025	ALT3	WB	NT	Mainline	0.25	0.30	4.36	2.10	2323	1862	0.0767	0.0706	0.0069	0.0003	0.0088	0.0194	0.0013	0.0004	0.0004	0.0728	0.1079
289	2025	ALT3	WB	NT	Mainline	2.62	3.19	45.97	22.81	24897	20040	0.8315	0.7653	0.0728	0.0026	0.0969	0.2121	0.0135	0.0046	0.0039	0.7905	1.1983
290	2025	ALT3	WB	NT	Ramp	0.04	0.06	1.37	0.17	385	266	0.0024	0.0022	0.0013	0.0001	0.0004	0.0014	0.0003	0.0001	0.0000	0.0007	0.0031
291	2025	ALT3	WB	NT	Ramp	0.04	0.06	1.28	0.17	385	269	0.0027	0.0025	0.0014	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0009	0.0045
292	2025	ALT3	WB	NT	Ramp	0.01	0.01	0.34	0.04	96	66	0.0006	0.0006	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0002	0.0008
293	2025	ALT3	WB	NT	Ramp	0.12	0.17	2.55	0.35	937	653	0.0076	0.0070	0.0039	0.0002	0.0017	0.0049	0.0008	0.0005	0.0001	0.0021	0.0164
294	2025	ALT3	WB	NT	Ramp	0.04	0.05	1.07	0.15	332	233	0.0025	0.0023	0.0012	0.0001	0.0005	0.0015	0.0003	0.0001	0.0000	0.0010	0.0049
295	2025	ALT3	WB	NT	Ramp	0.09	0.13	1.90	0.26	691	482	0.0056	0.0052	0.0028	0.0001	0.0012	0.0035	0.0006	0.0004	0.0001	0.0016	0.0115
296	2025	ALT3	WB	NT	Ramp	0.02	0.03	0.42	0.08	158	113	0.0015	0.0014	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0007	0.0046
297	2025	ALT3	WB	NT	Ramp	0.34	0.45	8.92	1.51	2885	2069	0.0259	0.0239	0.0101	0.0005	0.0065	0.0165	0.0021	0.0011	0.0002	0.0142	0.0702
298	2025	ALT3	WB	NT	Ramp	0.00	0.00	0.10	0.01	30	21	0.0002	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0004
299	2025	ALT3	WB	NT	Ramp	0.02	0.02	0.46	0.07	135	95	0.0010	0.0010	0.0005	0.0000	0.0002	0.0006	0.0001	0.0000	0.0000	0.0005	0.0021
300	2025	ALT3	WB	NT	Ramp	0.21	0.29	6.19	0.85	1864	1305	0.0135	0.0125	0.0066	0.0003	0.0028	0.0080	0.0014	0.0007	0.0001	0.0052	0.0251
301	2025	ALT3	WB	NT	Ramp	0.09	0.12	2.20	0.38	740	531	0.0068	0.0063	0.0027	0.0001	0.0018	0.0044	0.0006	0.0003	0.0001	0.0037	0.0192
302	2025	ALT3	WB	NT	Ramp	0.01	0.01	0.25	0.04	75	53	0.0006	0.0005	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0003	0.0011
303	2025	ALT3	WB	NT	Ramp	0.03	0.04	0.78	0.15	265	192	0.0026	0.0024	0.0009	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0016	0.0079
304	2025	ALT3	WB	NT	Ramp	0.02	0.03	0.64	0.09	192	135	0.0015	0.0014	0.0007	0.0000	0.0003	0.0009	0.0001	0.0001	0.0000	0.0007	0.0030
305	2025	ALT3	WB	NT	Ramp	0.04	0.06	1.12	0.20	371	267	0.0035	0.0032	0.0013	0.0001	0.0009	0.0022	0.0003	0.0001	0.0000	0.0019	0.0099
306	2025	ALT3	WB	NT	Ramp	0.02	0.03	0.63	0.08	190	131	0.0013	0.0012	0.0007	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0004	0.0018
307	2025	ALT3	WB	NT	Ramp	0.08	0.11	1.50	0.24	575	406	0.0051	0.0047	0.0024	0.0001	0.0015	0.0038	0.0005	0.0003	0.0000	0.0018	0.0159
308	2025	ALT3	WB	NT	Ramp	0.05	0.07	1.30	0.21	428	304	0.0036	0.0034	0.0015	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0017	0.0091
309	2025	ALT3	WB	NT	Ramp	0.05	0.06	0.85	0.18	345	252	0.0037	0.0034	0.0014	0.0001	0.0013	0.0030	0.0003	0.0002	0.0000	0.0020	0.0153

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
310	2025	ALT3	WB	NT	Ramp	0.20	0.26	5.31	1.19	1839	1363	0.0245	0.0226	0.0060	0.0003	0.0050	0.0118	0.0012	0.0005	0.0001	0.0192	0.0564
311	2025	ALT3	WB	NT	Ramp	0.10	0.13	1.90	0.32	719	512	0.0066	0.0061	0.0029	0.0001	0.0019	0.0047	0.0006	0.0003	0.0001	0.0028	0.0203
312	2025	ALT3	WB	NT	Ramp	0.02	0.03	0.46	0.08	158	113	0.0015	0.0013	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0008	0.0041
313	2025	ALT3	WB	NT	Ramp	0.22	0.29	6.24	1.04	1940	1390	0.0172	0.0159	0.0067	0.0003	0.0041	0.0105	0.0014	0.0007	0.0001	0.0098	0.0432
314	2025	ALT3	WB	NT	Ramp	0.03	0.04	0.78	0.10	236	164	0.0016	0.0015	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0005	0.0026
315	2025	ALT3	WB	NT	Ramp	0.08	0.11	1.67	0.27	612	434	0.0055	0.0051	0.0024	0.0001	0.0013	0.0035	0.0005	0.0003	0.0000	0.0023	0.0139
316	2025	ALT3	WB	NT	Ramp	0.05	0.06	1.29	0.16	393	272	0.0027	0.0025	0.0014	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0039
317	2025	ALT3	WB	NT	Ramp	0.07	0.09	1.37	0.26	530	382	0.0053	0.0049	0.0021	0.0001	0.0016	0.0038	0.0004	0.0002	0.0000	0.0026	0.0177
318	2025	ALT3	WB	NT	Ramp	0.02	0.03	0.55	0.07	161	111	0.0010	0.0010	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0003	0.0013
319	2025	ALT3	WB	NT	Ramp	0.07	0.09	1.45	0.24	535	381	0.0049	0.0046	0.0021	0.0001	0.0012	0.0032	0.0004	0.0002	0.0000	0.0022	0.0132
320	2025	ALT3	WB	NT	Ramp	0.04	0.05	1.07	0.14	329	229	0.0023	0.0022	0.0012	0.0001	0.0005	0.0014	0.0003	0.0001	0.0000	0.0008	0.0039
321	2025	ALT3	WB	NT	Ramp	0.09	0.13	1.93	0.30	708	498	0.0061	0.0056	0.0028	0.0001	0.0015	0.0040	0.0006	0.0003	0.0001	0.0022	0.0149
322	2025	ALT3	WB	NT	Ramp	0.03	0.05	0.87	0.13	283	201	0.0023	0.0022	0.0010	0.0000	0.0005	0.0014	0.0002	0.0001	0.0000	0.0010	0.0055
323	2025	ALT3	WB	NT	Ramp	0.10	0.13	2.47	0.49	850	622	0.0089	0.0082	0.0030	0.0001	0.0025	0.0059	0.0006	0.0003	0.0001	0.0057	0.0286
324	2025	ALT3	WB	NT	Ramp	0.04	0.05	1.06	0.15	326	229	0.0024	0.0022	0.0012	0.0001	0.0005	0.0015	0.0003	0.0001	0.0000	0.0010	0.0048
325	2025	ALT3	WB	NT	Ramp	0.18	0.25	3.53	0.71	1382	1003	0.0145	0.0134	0.0054	0.0002	0.0044	0.0105	0.0011	0.0006	0.0001	0.0078	0.0502
326	2025	ALT3	WB	NT	Ramp																	
327	2025	ALT3	WB	NT	Ramp																	
328	2025	ALT3	WB	NT	Ramp	0.03	0.05	0.97	0.12	288	200	0.0019	0.0018	0.0010	0.0001	0.0004	0.0011	0.0002	0.0001	0.0000	0.0006	0.0029
329	2025	ALT3	WB	NT	Ramp	0.10	0.14	2.15	0.33	782	552	0.0068	0.0063	0.0031	0.0001	0.0016	0.0043	0.0007	0.0004	0.0001	0.0026	0.0161
330	2025	ALT3	WB	NT	Ramp	0.02	0.03	0.55	0.08	173	122	0.0014	0.0013	0.0006	0.0000	0.0003	0.0009	0.0001	0.0001	0.0000	0.0006	0.0032
331	2025	ALT3	WB	NT	Ramp	0.10	0.13	2.44	0.47	830	604	0.0084	0.0078	0.0029	0.0001	0.0023	0.0055	0.0006	0.0003	0.0001	0.0052	0.0263
332	2025	ALT3	WB	NT	Ramp	0.03	0.04	0.82	0.15	268	195	0.0027	0.0025	0.0009	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0018	0.0076
333	2025	ALT3	WB	NT	Ramp	0.08	0.11	2.00	0.41	696	511	0.0075	0.0069	0.0024	0.0001	0.0021	0.0050	0.0005	0.0002	0.0001	0.0049	0.0247
334	2025	ALT3	WB	NT	Ramp	0.03	0.04	0.87	0.17	286	209	0.0030	0.0028	0.0010	0.0000	0.0008	0.0018	0.0002	0.0001	0.0000	0.0020	0.0087
335	2025	ALT3	WB	NT	Ramp	0.13	0.16	2.64	0.75	1060	808	0.0145	0.0133	0.0036	0.0001	0.0046	0.0101	0.0007	0.0003	0.0001	0.0112	0.0569
336	2025	ALT3	WB	NT	Ramp	0.09	0.12	2.20	0.48	769	570	0.0089	0.0082	0.0026	0.0001	0.0025	0.0057	0.0005	0.0002	0.0001	0.0063	0.0290
337	2025	ALT3	WB	NT	Ramp	0.06	0.07	0.93	0.40	463	372	0.0085	0.0079	0.0015	0.0000	0.0027	0.0057	0.0002	0.0001	0.0000	0.0076	0.0350
338	2025	ALT3	WB	NT	Ramp	0.04	0.05	0.54	0.28	300	245	0.0058	0.0053	0.0010	0.0000	0.0020	0.0042	0.0002	0.0001	0.0000	0.0052	0.0266
339	2025	ALT3	WB	NT	Ramp	0.14	0.18	3.71	0.78	1262	926	0.0162	0.0149	0.0042	0.0002	0.0030	0.0073	0.0009	0.0003	0.0001	0.0125	0.0325
340	2025	ALT3	WB	NT	Ramp	0.78	0.97	14.09	5.41	6536	5182	0.1128	0.1039	0.0211	0.0006	0.0352	0.0751	0.0036	0.0014	0.0006	0.0978	0.4528
341	2025	ALT3	WB	NT	Ramp	0.93	1.20	19.48	5.26	7674	5817	0.1011	0.0932	0.0264	0.0010	0.0317	0.0707	0.0050	0.0023	0.0006	0.0763	0.3918
342	2025	ALT3	WB	NT	Ramp	0.04	0.05	0.93	0.22	343	256	0.0041	0.0038	0.0012	0.0000	0.0012	0.0028	0.0002	0.0001	0.0000	0.0029	0.0149
343	2025	ALT3	WB	NT	Ramp	0.14	0.19	2.03	0.57	916	688	0.0115	0.0106	0.0040	0.0001	0.0054	0.0119	0.0007	0.0004	0.0001	0.0075	0.0684
344	2025	ALT3	WB	NT	Ramp	0.04	0.06	1.02	0.22	366	271	0.0042	0.0038	0.0013	0.0001	0.0012	0.0028	0.0003	0.0001	0.0000	0.0028	0.0144
345	2025	ALT3	WB	NT	Ramp	0.04	0.05	0.47	0.19	240	188	0.0037	0.0034	0.0010	0.0000	0.0017	0.0036	0.0002	0.0001	0.0000	0.0029	0.0218
346	2025	ALT3	WB	NT	Ramp	0.08	0.10	1.32	0.29	540	395	0.0059	0.0055	0.0022	0.0001	0.0021	0.0049	0.0004	0.0002	0.0000	0.0033	0.0255
347	2025	ALT3	WB	NT	Ramp	0.04	0.05	0.94	0.17	318	229	0.0030	0.0027	0.0011	0.0001	0.0008	0.0019	0.0002	0.0001	0.0000	0.0016	0.0084
348	2025	ALT3	WB	NT	Ramp	0.29	0.37	7.15	1.57	2500	1854	0.0291	0.0268	0.0084	0.0004	0.0080	0.0185	0.0017	0.0008	0.0002	0.0208	0.0942
349	2025	ALT3	WB	NT	Ramp	0.07	0.09	1.69	0.30	562	404	0.0052	0.0048	0.0020	0.0001	0.0013	0.0033	0.0004	0.0002	0.0000	0.0029	0.0146
350	2025	ALT3	WB	NT	Ramp	0.07	0.10	2.22	0.32	652	459	0.0048	0.0045	0.0023	0.0001	0.0010	0.0029	0.0005	0.0002	0.0000	0.0022	0.0095
351	2025	ALT3	WB	NT	Ramp	0.06	0.08	0.90	0.31	433	334	0.0062	0.0057	0.0018	0.0001	0.0026	0.0057	0.0003	0.0001	0.0000	0.0046	0.0338
352	2025	ALT3	WB	NT	Ramp	0.05	0.07	0.98	0.19	373	269	0.0037	0.0035	0.0015	0.0001	0.0010	0.0026	0.0003	0.0002	0.0000	0.0019	0.0117
353	2025	ALT3	WB	NT	Ramp	0.08	0.11	2.38	0.33	726	508	0.0053	0.0049	0.0026	0.0001	0.0011	0.0031	0.0006	0.0003	0.0000	0.0020	0.0098
354	2025	ALT3	WB	NT	Ramp	0.24	0.32	4.39	0.92	1759	1282	0.0188	0.0174	0.0071	0.0003	0.0062	0.0147	0.0014	0.0008	0.0002	0.0103	0.0735
355	2025	ALT3	WB	NT	Ramp	0.05	0.07	1.37	0.20	440	310	0.0035	0.0033	0.0016	0.0001	0.0008	0.0022	0.0003	0.0002	0.0000	0.0015	0.0078
356	2025	ALT3	WB	NT	Ramp	0.07	0.10	1.45	0.26	557	399	0.0054	0.0050	0.0022	0.0001	0.0016	0.0039	0.0005	0.0003	0.0000	0.0025	0.0175
357	2025	ALT3	WB	NT	Ramp	0.17	0.24	3.54	0.53	1310	920	0.0111	0.0103	0.0054	0.0003	0.0028	0.0074	0.0011	0.0007	0.0001	0.0037	0.0277

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
358	2025	ALT3	WB	NT	Ramp	0.06	0.09	1.58	0.25	529	375	0.0044	0.0041	0.0020	0.0001	0.0010	0.0028	0.0004	0.0002	0.0000	0.0019	0.0105
359	2025	ALT3	WB	NT	Ramp	0.12	0.17	2.41	0.38	914	646	0.0081	0.0075	0.0038	0.0002	0.0023	0.0058	0.0008	0.0005	0.0001	0.0030	0.0241
360	2025	ALT3	WB	NT	Ramp	0.05	0.06	1.17	0.18	386	274	0.0032	0.0030	0.0014	0.0001	0.0008	0.0020	0.0003	0.0002	0.0000	0.0015	0.0079
361	2025	ALT3	WB	NT	Ramp	0.07	0.10	1.37	0.23	526	374	0.0049	0.0045	0.0022	0.0001	0.0015	0.0037	0.0005	0.0003	0.0000	0.0020	0.0162
362	2025	ALT3	WB	NT	Ramp	0.04	0.05	0.97	0.17	327	236	0.0031	0.0029	0.0012	0.0001	0.0008	0.0020	0.0002	0.0001	0.0000	0.0018	0.0091
363	2025	ALT3	WB	NT	Ramp	0.13	0.19	2.75	0.42	1021	719	0.0088	0.0082	0.0042	0.0002	0.0022	0.0059	0.0009	0.0005	0.0001	0.0031	0.0228
364	2025	ALT3	WB	NT	HOV																	
365	2025	ALT3	WB	NT	HOV																	
366	2025	ALT3	WB	NT	HOT	0.10	0.13	2.18	0.27	710	483	0.0030	0.0028	0.0032	0.0002	0.0006	0.0024	0.0007	0.0002	0.0000	0.0004	0.0006
367	2025	ALT3	WB	NT	HOT	0.20	0.25	4.24	0.53	1379	939	0.0059	0.0054	0.0062	0.0003	0.0012	0.0047	0.0014	0.0005	0.0001	0.0007	0.0011
368	2025	ALT3	WB	NT	HOT	0.13	0.16	2.70	0.34	880	599	0.0037	0.0035	0.0039	0.0002	0.0008	0.0030	0.0009	0.0003	0.0000	0.0004	0.0007
369	2025	ALT3	WB	NT	HOT	0.19	0.24	4.06	0.51	1322	900	0.0056	0.0052	0.0059	0.0003	0.0012	0.0045	0.0014	0.0004	0.0001	0.0007	0.0010
370	2025	ALT3	WB	NT	HOT	0.10	0.13	2.13	0.27	692	471	0.0029	0.0027	0.0031	0.0002	0.0006	0.0024	0.0007	0.0002	0.0000	0.0004	0.0005
371	2025	ALT3	WB	NT	HOT	0.09	0.12	2.02	0.25	656	446	0.0028	0.0026	0.0029	0.0002	0.0006	0.0022	0.0007	0.0002	0.0000	0.0003	0.0005
372	2025	ALT3	WB	NT	HOT	0.10	0.12	2.10	0.26	683	465	0.0029	0.0027	0.0031	0.0002	0.0006	0.0023	0.0007	0.0002	0.0000	0.0003	0.0005
373	2025	ALT3	WB	NT	HOT	0.05	0.06	0.97	0.12	314	214	0.0013	0.0012	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0002
374	2025	ALT3	WB	NT	HOT	0.07	0.09	1.49	0.19	486	331	0.0021	0.0019	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0002	0.0004
375	2025	ALT3	WB	NT	HOT	0.05	0.06	0.98	0.12	318	217	0.0013	0.0013	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
376	2025	ALT3	WB	NT	HOT	0.20	0.26	4.39	0.55	1427	972	0.0061	0.0056	0.0064	0.0003	0.0012	0.0049	0.0015	0.0005	0.0001	0.0007	0.0011
377	2025	ALT3	WB	NT	HOT	0.12	0.16	2.64	0.33	859	585	0.0036	0.0034	0.0038	0.0002	0.0008	0.0029	0.0009	0.0003	0.0000	0.0004	0.0007
378	2025	ALT3	WB	NT	HOT	0.06	0.07	1.23	0.15	401	273	0.0017	0.0016	0.0018	0.0001	0.0003	0.0014	0.0004	0.0001	0.0000	0.0002	0.0003
379	2025	ALT3	WB	NT	HOT	0.30	0.37	6.28	0.79	2049	1395	0.0087	0.0081	0.0092	0.0005	0.0018	0.0070	0.0021	0.0007	0.0001	0.0010	0.0016
380	2025	ALT3	WB	NT	HOT	0.07	0.08	1.40	0.18	457	311	0.0019	0.0018	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
381	2025	ALT3	WB	NT	HOT	0.08	0.10	1.62	0.20	529	360	0.0022	0.0021	0.0024	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0004
382	2025	ALT3	WB	NT	HOT	0.07	0.09	1.51	0.19	491	335	0.0021	0.0019	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
383	2025	ALT3	WB	NT	HOT	0.26	0.33	5.52	0.69	1800	1226	0.0076	0.0071	0.0081	0.0004	0.0016	0.0062	0.0019	0.0006	0.0001	0.0009	0.0014
384	2025	ALT3	WB	NT	HOT	0.04	0.05	0.81	0.10	265	181	0.0011	0.0010	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
385	2025	ALT3	WB	NT	HOT	0.16	0.21	3.47	0.44	1131	770	0.0048	0.0045	0.0051	0.0003	0.0010	0.0039	0.0012	0.0004	0.0001	0.0006	0.0009
386	2025	ALT3	WB	NT	HOT	0.10	0.12	2.05	0.26	670	456	0.0028	0.0026	0.0030	0.0002	0.0006	0.0023	0.0007	0.0002	0.0000	0.0003	0.0005
387	2025	ALT3	WB	NT	HOT	0.24	0.30	5.12	0.64	1670	1137	0.0071	0.0066	0.0075	0.0004	0.0015	0.0057	0.0017	0.0006	0.0001	0.0009	0.0013
388	2025	ALT3	WB	NT	HOT	0.07	0.09	1.52	0.19	497	339	0.0021	0.0020	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
389	2025	ALT3	WB	NT	HOT	0.06	0.08	1.33	0.17	435	296	0.0018	0.0017	0.0020	0.0001	0.0004	0.0015	0.0005	0.0001	0.0000	0.0002	0.0003
390	2025	ALT3	WB	NT	HOT	0.09	0.12	2.00	0.25	651	444	0.0028	0.0026	0.0029	0.0002	0.0006	0.0022	0.0007	0.0002	0.0000	0.0003	0.0005
391	2025	ALT3	WB	NT	HOT	0.37	0.46	7.85	0.99	2554	1740	0.0108	0.0100	0.0114	0.0006	0.0022	0.0087	0.0026	0.0008	0.0001	0.0013	0.0020
392	2025	ALT3	WB	NT	HOT	0.02	0.03	0.50	0.06	163	111	0.0007	0.0006	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0001
393	2025	ALT3	WB	NT	HOT	0.31	0.39	6.70	0.84	2178	1484	0.0092	0.0086	0.0097	0.0005	0.0019	0.0074	0.0022	0.0007	0.0001	0.0011	0.0017
394	2025	ALT3	WB	NT	HOT	0.04	0.06	0.95	0.12	310	211	0.0013	0.0012	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0002
395	2025	ALT3	WB	NT	HOT	0.29	0.37	6.32	0.79	2054	1399	0.0087	0.0081	0.0092	0.0005	0.0018	0.0070	0.0021	0.0007	0.0001	0.0010	0.0016
396	2025	ALT3	WB	NT	HOT	0.21	0.27	4.50	0.57	1465	998	0.0062	0.0058	0.0066	0.0004	0.0013	0.0050	0.0015	0.0005	0.0001	0.0007	0.0012
397	2025	ALT3	WB	NT	HOT	0.30	0.38	6.43	0.81	2091	1424	0.0089	0.0082	0.0093	0.0005	0.0018	0.0071	0.0022	0.0007	0.0001	0.0011	0.0017
398	2025	ALT3	WB	NT	HOT	0.09	0.11	1.84	0.23	599	408	0.0025	0.0024	0.0027	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0005
399	2025	ALT3	WB	NT	HOT	0.30	0.38	6.38	0.80	2075	1413	0.0088	0.0082	0.0093	0.0005	0.0018	0.0071	0.0021	0.0007	0.0001	0.0011	0.0016
400	2025	ALT3	WB	NT	HOT	0.43	0.54	9.22	1.16	2998	2042	0.0127	0.0118	0.0134	0.0007	0.0026	0.0102	0.0031	0.0010	0.0001	0.0015	0.0024
401	2025	ALT3	WB	NT	HOT	0.36	0.45	7.68	0.97	2499	1702	0.0106	0.0098	0.0112	0.0006	0.0022	0.0085	0.0026	0.0008	0.0001	0.0013	0.0020
402	2025	ALT3	WB	NT	HOT	0.26	0.33	5.54	0.70	1802	1227	0.0076	0.0071	0.0081	0.0004	0.0016	0.0061	0.0019	0.0006	0.0001	0.0009	0.0014
403	2025	ALT3	WB	NT	HOT	0.18	0.23	3.97	0.50	1291	879	0.0055	0.0051	0.0058	0.0003	0.0011	0.0044	0.0013	0.0004	0.0001	0.0007	0.0010
404	2025	ALT3	WB	NT	HOT	0.18	0.23	3.82	0.48	1244	847	0.0053	0.0049	0.0056	0.0003	0.0011	0.0042	0.0013	0.0004	0.0001	0.0006	0.0010
405	2025	ALT3	WB	NT	HOT	0.34	0.43	7.30	0.92	2373	1616	0.0101	0.0093	0.0106	0.0006	0.0021	0.0081	0.0024	0.0008	0.0001	0.0012	0.0019

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
406	2025	ALT3	WB	NT	HOT	0.19	0.24	4.12	0.52	1341	913	0.0057	0.0053	0.0060	0.0003	0.0012	0.0046	0.0014	0.0004	0.0001	0.0007	0.0011
407	2025	ALT3	WB	NT	HOT	0.27	0.34	5.70	0.72	1854	1263	0.0079	0.0073	0.0083	0.0004	0.0016	0.0063	0.0019	0.0006	0.0001	0.0009	0.0015
408	2025	ALT3	WB	NT	HOT	0.21	0.26	4.42	0.56	1439	980	0.0061	0.0057	0.0064	0.0003	0.0013	0.0049	0.0015	0.0005	0.0001	0.0007	0.0011
409	2025	ALT3	WB	NT	HOT	0.31	0.39	6.67	0.84	2169	1477	0.0092	0.0085	0.0097	0.0005	0.0019	0.0074	0.0022	0.0007	0.0001	0.0011	0.0017
410	2025	ALT3	WB	NT	HOT	0.22	0.27	4.63	0.58	1506	1025	0.0064	0.0059	0.0067	0.0004	0.0013	0.0051	0.0015	0.0005	0.0001	0.0008	0.0012
411	2025	ALT3	WB	NT	HOT	0.30	0.38	6.47	0.81	2101	1431	0.0089	0.0083	0.0094	0.0005	0.0018	0.0071	0.0022	0.0007	0.0001	0.0011	0.0017
412	2025	ALT3	WB	NT	HOT	0.69	0.88	14.89	1.87	4840	3296	0.0205	0.0190	0.0216	0.0012	0.0042	0.0164	0.0050	0.0016	0.0002	0.0025	0.0038
413	2025	ALT3	WB	NT	HOT	0.37	0.47	7.98	1.00	2592	1765	0.0110	0.0102	0.0116	0.0006	0.0023	0.0088	0.0027	0.0009	0.0001	0.0013	0.0020
414	2025	ALT3	WB	NT	HOT	0.14	0.18	3.06	0.38	994	677	0.0042	0.0039	0.0044	0.0002	0.0009	0.0034	0.0010	0.0003	0.0000	0.0005	0.0008
415	2025	ALT3	WB	NT	HOT	0.07	0.09	1.56	0.20	508	346	0.0022	0.0020	0.0023	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
416	2025	ALT3	WB	NT	HOT	0.31	0.39	6.66	0.84	2165	1475	0.0092	0.0085	0.0097	0.0005	0.0019	0.0074	0.0022	0.0007	0.0001	0.0011	0.0017
417	2025	ALT3	WB	NT	HOT	0.07	0.09	1.56	0.20	508	346	0.0022	0.0020	0.0023	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
418	2025	ALT3	WB	NT	HOT	0.01	0.01	0.24	0.03	79	54	0.0003	0.0003	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
419	2025	ALT3	WB	NT	HOT	0.32	0.40	6.82	0.86	2215	1509	0.0094	0.0087	0.0099	0.0005	0.0019	0.0075	0.0023	0.0007	0.0001	0.0011	0.0018
420	2025	ALT3	WB	NT	HOT	0.22	0.27	4.61	0.58	1502	1023	0.0064	0.0059	0.0067	0.0004	0.0013	0.0051	0.0015	0.0005	0.0001	0.0008	0.0012
421	2025	ALT3	WB	NT	HOT	0.35	0.45	7.60	0.96	2474	1685	0.0105	0.0097	0.0111	0.0006	0.0022	0.0084	0.0026	0.0008	0.0001	0.0013	0.0020
422	2025	ALT3	WB	NT	HOT	0.25	0.32	5.33	0.67	1737	1183	0.0074	0.0068	0.0078	0.0004	0.0015	0.0059	0.0018	0.0006	0.0001	0.0009	0.0014
423	2025	ALT3	WB	NT	HOT	0.24	0.30	5.05	0.63	1644	1120	0.0070	0.0065	0.0074	0.0004	0.0014	0.0056	0.0017	0.0005	0.0001	0.0008	0.0013
424	2025	ALT3	WB	NT	HOT	0.28	0.35	5.99	0.75	1952	1329	0.0083	0.0077	0.0087	0.0005	0.0017	0.0067	0.0020	0.0006	0.0001	0.0010	0.0015
425	2025	ALT3	WB	NT	HOT	0.54	0.68	11.56	1.45	3763	2563	0.0160	0.0148	0.0168	0.0009	0.0033	0.0128	0.0039	0.0012	0.0002	0.0019	0.0030
426	2025	ALT3	WB	NT	HOT	0.13	0.17	2.83	0.36	920	627	0.0039	0.0036	0.0041	0.0002	0.0008	0.0031	0.0009	0.0003	0.0000	0.0005	0.0007
427	2025	ALT3	WB	NT	HOT	0.31	0.39	6.68	0.84	2175	1481	0.0092	0.0086	0.0097	0.0005	0.0019	0.0074	0.0022	0.0007	0.0001	0.0011	0.0017
428	2025	ALT3	WB	NT	HOT	0.16	0.21	3.52	0.44	1145	780	0.0049	0.0045	0.0051	0.0003	0.0010	0.0039	0.0012	0.0004	0.0001	0.0006	0.0009
429	2025	ALT3	WB	NT	HOT	0.31	0.40	6.72	0.85	2189	1491	0.0093	0.0086	0.0098	0.0005	0.0019	0.0075	0.0023	0.0007	0.0001	0.0011	0.0017
430	2025	ALT3	WB	NT	HOT	0.31	0.39	6.72	0.85	2179	1484	0.0092	0.0086	0.0097	0.0005	0.0019	0.0074	0.0022	0.0007	0.0001	0.0011	0.0017
431	2025	ALT3	WB	NT	HOT	0.21	0.26	4.48	0.56	1453	989	0.0062	0.0057	0.0065	0.0003	0.0013	0.0049	0.0015	0.0005	0.0001	0.0007	0.0012
432	2025	ALT3	WB	NT	HOT	0.32	0.40	6.90	0.87	2234	1522	0.0095	0.0088	0.0099	0.0005	0.0019	0.0076	0.0023	0.0007	0.0001	0.0011	0.0018
433	2025	ALT3	WB	NT	HOT	0.38	0.48	8.37	1.05	2698	1838	0.0114	0.0106	0.0119	0.0006	0.0023	0.0090	0.0027	0.0009	0.0001	0.0014	0.0022
434	2025	ALT3	WB	NT	HOT	0.45	0.57	9.86	1.24	3178	2164	0.0135	0.0125	0.0140	0.0008	0.0027	0.0107	0.0032	0.0010	0.0002	0.0016	0.0025
435	2025	ALT3	WB	NT	HOT	0.35	0.44	7.61	0.96	2452	1670	0.0104	0.0096	0.0108	0.0006	0.0021	0.0082	0.0025	0.0008	0.0001	0.0013	0.0020
436	2025	ALT3	WB	NT	HOT	0.29	0.37	6.40	0.81	2062	1404	0.0087	0.0081	0.0091	0.0005	0.0018	0.0069	0.0021	0.0007	0.0001	0.0011	0.0016
437	2025	ALT3	WB	NT	HOT	0.56	0.71	12.28	1.55	3955	2694	0.0168	0.0155	0.0174	0.0009	0.0034	0.0133	0.0040	0.0013	0.0002	0.0020	0.0032
1	2035	ALT1	EB	AM	Mainline	0.50	0.64	13.25	2.64	5513	3871	0.0689	0.0635	0.0151	0.0007	0.0104	0.0256	0.0032	0.0016	0.0004	0.0518	0.1100
2	2035	ALT1	EB	AM	Mainline	1.26	1.62	32.07	6.64	13758	9683	0.1833	0.1689	0.0384	0.0018	0.0258	0.0640	0.0081	0.0039	0.0011	0.1414	0.2715
3	2035	ALT1	EB	AM	Mainline	0.06	0.08	1.51	0.31	657	460	0.0088	0.0081	0.0019	0.0001	0.0012	0.0029	0.0004	0.0002	0.0001	0.0068	0.0117
4	2035	ALT1	EB	AM	Mainline	1.06	1.36	26.81	5.59	11555	8138	0.1556	0.1434	0.0323	0.0015	0.0218	0.0539	0.0068	0.0033	0.0010	0.1205	0.2287
5	2035	ALT1	EB	AM	Mainline	0.44	0.57	10.71	2.19	4679	3277	0.0627	0.0578	0.0135	0.0006	0.0083	0.0210	0.0029	0.0013	0.0004	0.0482	0.0834
6	2035	ALT1	EB	AM	Mainline	0.65	0.83	16.01	3.37	6971	4910	0.0957	0.0882	0.0197	0.0009	0.0131	0.0325	0.0042	0.0020	0.0006	0.0745	0.1366
7	2035	ALT1	EB	AM	Mainline	0.93	1.21	25.25	4.99	10432	7326	0.1287	0.1186	0.0284	0.0013	0.0198	0.0487	0.0060	0.0030	0.0008	0.0965	0.2110
8	2035	ALT1	EB	AM	Mainline	1.20	1.54	30.26	6.33	13059	9202	0.1767	0.1628	0.0364	0.0017	0.0247	0.0612	0.0077	0.0037	0.0011	0.1372	0.2605
9	2035	ALT1	EB	AM	Mainline	0.99	1.29	26.71	5.30	11079	7779	0.1377	0.1269	0.0303	0.0014	0.0209	0.0515	0.0064	0.0031	0.0009	0.1034	0.2221
10	2035	ALT1	EB	AM	Mainline	0.31	0.40	7.81	1.64	3395	2390	0.0464	0.0428	0.0096	0.0004	0.0063	0.0158	0.0020	0.0010	0.0003	0.0361	0.0662
11	2035	ALT1	EB	AM	Mainline	0.64	0.83	17.76	3.40	7220	5053	0.0853	0.0786	0.0196	0.0009	0.0133	0.0330	0.0041	0.0021	0.0005	0.0627	0.1411
12	2035	ALT1	EB	AM	Mainline	0.46	0.59	11.99	2.35	5022	3511	0.0622	0.0573	0.0140	0.0007	0.0089	0.0225	0.0030	0.0014	0.0004	0.0465	0.0921
13	2035	ALT1	EB	AM	Mainline	0.46	0.59	10.86	2.09	4705	3260	0.0581	0.0536	0.0141	0.0007	0.0075	0.0197	0.0030	0.0014	0.0004	0.0431	0.0706
14	2035	ALT1	EB	AM	Mainline	0.69	0.88	16.72	3.17	7153	4954	0.0864	0.0796	0.0212	0.0010	0.0113	0.0298	0.0046	0.0021	0.0006	0.0634	0.1078
15	2035	ALT1	EB	AM	Mainline	0.83	1.07	21.95	4.09	9033	6271	0.1043	0.0962	0.0254	0.0012	0.0150	0.0384	0.0054	0.0026	0.0007	0.0755	0.1499
16	2035	ALT1	EB	AM	Mainline	0.47	0.61	12.58	2.36	5187	3605	0.0606	0.0558	0.0146	0.0007	0.0087	0.0223	0.0031	0.0015	0.0004	0.0440	0.0877

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
17	2035	ALT1	EB	AM	Mainline	0.76	0.99	20.79	3.91	8467	5902	0.0983	0.0907	0.0234	0.0011	0.0149	0.0374	0.0050	0.0025	0.0006	0.0715	0.1535
18	2035	ALT1	EB	AM	Mainline	0.68	0.88	19.45	3.35	7608	5247	0.0778	0.0718	0.0209	0.0010	0.0121	0.0312	0.0045	0.0023	0.0005	0.0527	0.1201
19	2035	ALT1	EB	AM	Mainline	0.54	0.70	13.94	2.51	5750	3964	0.0635	0.0586	0.0166	0.0008	0.0088	0.0232	0.0036	0.0017	0.0004	0.0448	0.0830
20	2035	ALT1	EB	AM	Mainline	1.09	1.41	28.47	5.16	11727	8094	0.1305	0.1203	0.0337	0.0016	0.0182	0.0477	0.0073	0.0035	0.0009	0.0924	0.1738
21	2035	ALT1	EB	AM	Mainline	0.12	0.16	3.00	0.55	1273	878	0.0148	0.0136	0.0038	0.0002	0.0019	0.0052	0.0008	0.0004	0.0001	0.0106	0.0181
22	2035	ALT1	EB	AM	Mainline	0.48	0.62	11.75	2.11	4950	3403	0.0552	0.0509	0.0148	0.0007	0.0073	0.0196	0.0032	0.0015	0.0004	0.0389	0.0661
23	2035	ALT1	EB	AM	Mainline	0.48	0.63	12.01	2.19	5064	3489	0.0576	0.0531	0.0150	0.0007	0.0076	0.0204	0.0033	0.0015	0.0004	0.0410	0.0706
24	2035	ALT1	EB	AM	Mainline	0.45	0.58	10.86	1.95	4605	3163	0.0515	0.0475	0.0139	0.0007	0.0067	0.0182	0.0030	0.0014	0.0003	0.0363	0.0601
25	2035	ALT1	EB	AM	Mainline	0.28	0.36	7.08	1.26	2946	2026	0.0323	0.0298	0.0087	0.0004	0.0044	0.0117	0.0019	0.0009	0.0002	0.0226	0.0400
26	2035	ALT1	EB	AM	Mainline	2.49	3.21	60.36	10.64	25487	17456	0.2763	0.2549	0.0775	0.0039	0.0359	0.0985	0.0170	0.0077	0.0019	0.1915	0.3137
27	2035	ALT1	EB	AM	Mainline	1.98	2.54	45.44	8.08	19662	13467	0.2203	0.2032	0.0616	0.0031	0.0277	0.0766	0.0136	0.0060	0.0015	0.1549	0.2358
28	2035	ALT1	EB	AM	Mainline	1.10	1.41	25.52	4.48	10946	7486	0.1195	0.1103	0.0341	0.0017	0.0152	0.0421	0.0075	0.0033	0.0008	0.0829	0.1283
29	2035	ALT1	EB	AM	Mainline	0.76	0.98	17.49	3.02	7513	5126	0.0804	0.0741	0.0237	0.0012	0.0102	0.0285	0.0052	0.0023	0.0005	0.0550	0.0837
30	2035	ALT1	EB	AM	Mainline	1.31	1.68	29.89	5.12	12856	8761	0.1360	0.1255	0.0408	0.0021	0.0172	0.0485	0.0090	0.0039	0.0009	0.0925	0.1392
31	2035	ALT1	EB	AM	Mainline	0.97	1.25	22.56	3.83	9615	6546	0.0996	0.0919	0.0303	0.0015	0.0127	0.0359	0.0067	0.0030	0.0007	0.0669	0.1028
32	2035	ALT1	EB	AM	Mainline	1.03	1.33	25.02	4.28	10496	7159	0.1085	0.1001	0.0322	0.0016	0.0141	0.0394	0.0071	0.0032	0.0008	0.0732	0.1190
33	2035	ALT1	EB	AM	Mainline	0.95	1.24	23.88	4.00	9849	6706	0.0978	0.0902	0.0298	0.0015	0.0130	0.0364	0.0066	0.0030	0.0007	0.0644	0.1094
34	2035	ALT1	EB	AM	Mainline	1.11	1.45	28.88	4.88	11762	8030	0.1179	0.1088	0.0348	0.0017	0.0161	0.0442	0.0076	0.0036	0.0008	0.0783	0.1413
35	2035	ALT1	EB	AM	Mainline	0.63	0.82	15.83	2.61	6500	4418	0.0631	0.0582	0.0197	0.0010	0.0084	0.0237	0.0044	0.0020	0.0005	0.0409	0.0697
36	2035	ALT1	EB	AM	Mainline	0.76	0.98	18.97	3.13	7788	5293	0.0755	0.0697	0.0236	0.0012	0.0101	0.0284	0.0052	0.0024	0.0005	0.0490	0.0835
37	2035	ALT1	EB	AM	Mainline	1.02	1.32	25.55	4.22	10490	7129	0.1018	0.0939	0.0318	0.0016	0.0136	0.0383	0.0070	0.0032	0.0007	0.0660	0.1124
38	2035	ALT1	EB	AM	Mainline	1.49	1.93	39.39	6.33	15739	10679	0.1450	0.1338	0.0466	0.0023	0.0200	0.0563	0.0103	0.0049	0.0011	0.0910	0.1672
39	2035	ALT1	EB	AM	Mainline	1.60	2.07	40.00	6.42	16343	11062	0.1508	0.1392	0.0500	0.0025	0.0201	0.0578	0.0111	0.0051	0.0011	0.0944	0.1588
40	2035	ALT1	EB	AM	Mainline	1.07	1.38	25.77	4.20	10735	7271	0.1022	0.0943	0.0335	0.0017	0.0133	0.0384	0.0074	0.0033	0.0007	0.0653	0.1037
41	2035	ALT1	EB	AM	Mainline	0.40	0.51	9.86	1.58	4041	2735	0.0374	0.0345	0.0124	0.0006	0.0050	0.0143	0.0028	0.0013	0.0003	0.0235	0.0391
42	2035	ALT1	EB	AM	Mainline	1.16	1.51	30.90	4.93	12293	8334	0.1117	0.1031	0.0363	0.0018	0.0155	0.0436	0.0080	0.0038	0.0008	0.0695	0.1287
43	2035	ALT1	EB	AM	Mainline	0.52	0.67	12.95	2.07	5296	3582	0.0485	0.0448	0.0163	0.0008	0.0065	0.0186	0.0036	0.0017	0.0004	0.0302	0.0505
44	2035	ALT1	EB	AM	Mainline	0.82	1.06	20.48	3.27	8374	5664	0.0767	0.0708	0.0257	0.0013	0.0102	0.0295	0.0057	0.0026	0.0006	0.0477	0.0798
45	2035	ALT1	EB	AM	Mainline	0.35	0.45	8.59	1.38	3537	2393	0.0328	0.0303	0.0109	0.0006	0.0043	0.0125	0.0024	0.0011	0.0002	0.0206	0.0337
46	2035	ALT1	EB	AM	Mainline	0.91	1.19	23.84	3.80	9571	6483	0.0872	0.0805	0.0286	0.0014	0.0119	0.0339	0.0063	0.0030	0.0006	0.0542	0.0971
47	2035	ALT1	EB	AM	Mainline	0.05	0.07	1.32	0.21	543	367	0.0050	0.0046	0.0017	0.0001	0.0007	0.0019	0.0004	0.0002	0.0000	0.0031	0.0051
48	2035	ALT1	EB	AM	Mainline	1.12	1.44	26.85	4.35	11176	7562	0.1050	0.0969	0.0350	0.0018	0.0137	0.0397	0.0078	0.0035	0.0008	0.0664	0.1052
49	2035	ALT1	EB	AM	Mainline	0.09	0.12	2.21	0.35	906	613	0.0084	0.0077	0.0028	0.0001	0.0011	0.0032	0.0006	0.0003	0.0001	0.0052	0.0087
50	2035	ALT1	EB	AM	Mainline	1.41	1.83	35.24	5.69	14437	9778	0.1346	0.1242	0.0442	0.0022	0.0179	0.0514	0.0098	0.0045	0.0010	0.0849	0.1423
51	2035	ALT1	EB	AM	Mainline	0.22	0.29	5.81	0.94	2323	1577	0.0215	0.0199	0.0069	0.0003	0.0030	0.0083	0.0015	0.0007	0.0002	0.0136	0.0250
52	2035	ALT1	EB	AM	Mainline	0.31	0.40	8.56	1.37	3357	2281	0.0306	0.0282	0.0097	0.0005	0.0044	0.0121	0.0021	0.0010	0.0002	0.0191	0.0377
53	2035	ALT1	EB	AM	Mainline	0.23	0.30	6.59	1.06	2545	1735	0.0235	0.0217	0.0072	0.0004	0.0035	0.0095	0.0016	0.0008	0.0002	0.0148	0.0320
54	2035	ALT1	EB	AM	Mainline	1.18	1.56	36.10	5.71	13501	9225	0.1205	0.1112	0.0368	0.0018	0.0197	0.0519	0.0079	0.0042	0.0009	0.0738	0.1904
55	2035	ALT1	EB	AM	Mainline	0.58	0.76	16.07	2.64	6351	4332	0.0607	0.0560	0.0182	0.0009	0.0087	0.0236	0.0040	0.0019	0.0004	0.0392	0.0779
56	2035	ALT1	EB	AM	Mainline	0.73	0.95	21.06	3.46	8134	5569	0.0776	0.0716	0.0226	0.0011	0.0118	0.0313	0.0049	0.0025	0.0006	0.0502	0.1121
57	2035	ALT1	EB	AM	Mainline	0.46	0.60	10.96	1.88	4652	3171	0.0485	0.0448	0.0145	0.0007	0.0062	0.0175	0.0032	0.0014	0.0003	0.0328	0.0514
58	2035	ALT1	EB	AM	Mainline	1.51	1.95	36.51	6.37	15417	10540	0.1644	0.1516	0.0472	0.0024	0.0213	0.0589	0.0104	0.0047	0.0011	0.1128	0.1825
59	2035	ALT1	EB	AM	Mainline	0.39	0.51	9.08	1.57	3896	2658	0.0417	0.0384	0.0123	0.0006	0.0053	0.0148	0.0027	0.0012	0.0003	0.0286	0.0436
60	2035	ALT1	EB	AM	Mainline	1.55	1.99	36.37	6.46	15582	10673	0.1724	0.1591	0.0481	0.0024	0.0220	0.0605	0.0106	0.0047	0.0012	0.1206	0.1889
61	2035	ALT1	EB	AM	Mainline	0.35	0.45	7.93	1.40	3448	2358	0.0384	0.0354	0.0110	0.0005	0.0048	0.0134	0.0024	0.0010	0.0003	0.0268	0.0399
62	2035	ALT1	EB	AM	Mainline	0.71	0.91	15.63	2.83	6904	4739	0.0812	0.0749	0.0220	0.0011	0.0100	0.0275	0.0048	0.0021	0.0005	0.0583	0.0847
63	2035	ALT1	EB	AM	Mainline	0.27	0.35	5.99	1.12	2655	1829	0.0325	0.0300	0.0084	0.0004	0.0040	0.0108	0.0018	0.0008	0.0002	0.0238	0.0350
64	2035	ALT1	EB	AM	Mainline	0.81	1.03	18.03	3.49	8039	5568	0.1034	0.0954	0.0250	0.0012	0.0127	0.0338	0.0054	0.0024	0.0007	0.0776	0.1160

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
65	2035	ALT1	EB	AM	Mainline	0.26	0.33	5.75	1.11	2555	1769	0.0325	0.0300	0.0079	0.0004	0.0040	0.0107	0.0017	0.0008	0.0002	0.0243	0.0365
66	2035	ALT1	EB	AM	Mainline	0.09	0.12	2.07	0.45	948	669	0.0143	0.0132	0.0028	0.0001	0.0017	0.0044	0.0006	0.0003	0.0001	0.0115	0.0177
67	2035	ALT1	EB	AM	Mainline	0.66	0.84	14.77	3.49	6910	4925	0.1134	0.1045	0.0200	0.0009	0.0139	0.0342	0.0042	0.0019	0.0006	0.0933	0.1469
68	2035	ALT1	EB	AM	Mainline	0.50	0.64	10.86	2.51	5106	3624	0.0829	0.0764	0.0152	0.0007	0.0099	0.0247	0.0032	0.0014	0.0005	0.0678	0.1018
69	2035	ALT1	EB	AM	Mainline	1.15	1.45	24.87	6.15	11897	8527	0.2076	0.1912	0.0346	0.0016	0.0249	0.0607	0.0072	0.0032	0.0012	0.1738	0.2663
70	2035	ALT1	EB	AM	Mainline	0.73	0.92	15.14	3.66	7328	5228	0.1283	0.1182	0.0221	0.0010	0.0147	0.0365	0.0047	0.0020	0.0007	0.1071	0.1520
71	2035	ALT1	EB	AM	Mainline	0.76	0.96	15.10	4.54	7900	5812	0.1759	0.1619	0.0226	0.0010	0.0195	0.0457	0.0046	0.0020	0.0009	0.1557	0.2192
72	2035	ALT1	EB	AM	Mainline	0.76	0.95	15.04	4.28	7735	5643	0.1637	0.1508	0.0226	0.0010	0.0180	0.0430	0.0047	0.0020	0.0009	0.1432	0.1983
73	2035	ALT1	EB	AM	Ramp	0.05	0.07	1.12	0.15	505	336	0.0040	0.0037	0.0016	0.0001	0.0008	0.0021	0.0003	0.0003	0.0000	0.0009	0.0076
74	2035	ALT1	EB	AM	Ramp	0.05	0.07	0.87	0.12	439	293	0.0038	0.0035	0.0016	0.0001	0.0010	0.0025	0.0003	0.0003	0.0000	0.0008	0.0108
75	2035	ALT1	EB	AM	Ramp	0.05	0.07	0.98	0.13	475	317	0.0040	0.0037	0.0016	0.0001	0.0009	0.0024	0.0003	0.0003	0.0000	0.0008	0.0096
76	2035	ALT1	EB	AM	Ramp	0.08	0.12	1.42	0.20	739	493	0.0065	0.0061	0.0027	0.0001	0.0017	0.0044	0.0006	0.0005	0.0001	0.0013	0.0188
77	2035	ALT1	EB	AM	Ramp	0.05	0.07	1.06	0.14	488	325	0.0039	0.0037	0.0016	0.0001	0.0008	0.0021	0.0003	0.0003	0.0000	0.0008	0.0078
78	2035	ALT1	EB	AM	Ramp	0.10	0.14	1.28	0.19	777	516	0.0076	0.0070	0.0032	0.0001	0.0021	0.0053	0.0007	0.0006	0.0001	0.0010	0.0235
79	2035	ALT1	EB	AM	Ramp	0.09	0.14	1.43	0.20	793	527	0.0073	0.0067	0.0031	0.0001	0.0019	0.0049	0.0006	0.0005	0.0001	0.0012	0.0208
80	2035	ALT1	EB	AM	Ramp	0.18	0.26	2.95	0.38	1568	1038	0.0138	0.0127	0.0058	0.0003	0.0030	0.0081	0.0012	0.0010	0.0002	0.0020	0.0311
81	2035	ALT1	EB	AM	Ramp	0.09	0.12	2.48	0.36	985	667	0.0078	0.0072	0.0028	0.0001	0.0016	0.0041	0.0006	0.0004	0.0001	0.0030	0.0161
82	2035	ALT1	EB	AM	Ramp	0.15	0.23	3.11	0.37	1500	989	0.0121	0.0112	0.0051	0.0003	0.0021	0.0061	0.0011	0.0009	0.0001	0.0017	0.0191
83	2035	ALT1	EB	AM	Ramp	0.02	0.03	0.57	0.10	234	163	0.0022	0.0020	0.0007	0.0000	0.0005	0.0013	0.0001	0.0001	0.0000	0.0011	0.0060
84	2035	ALT1	EB	AM	Ramp	0.04	0.06	1.28	0.15	473	313	0.0031	0.0029	0.0013	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0007	0.0036
85	2035	ALT1	EB	AM	Ramp	0.10	0.13	2.60	0.48	1064	744	0.0102	0.0094	0.0030	0.0001	0.0025	0.0060	0.0006	0.0004	0.0001	0.0058	0.0294
86	2035	ALT1	EB	AM	Ramp	0.10	0.14	2.38	0.41	1059	729	0.0098	0.0091	0.0032	0.0001	0.0023	0.0056	0.0007	0.0005	0.0001	0.0044	0.0254
87	2035	ALT1	EB	AM	Ramp	0.03	0.05	0.66	0.10	308	208	0.0027	0.0025	0.0010	0.0000	0.0007	0.0017	0.0002	0.0002	0.0000	0.0008	0.0072
88	2035	ALT1	EB	AM	Ramp	0.06	0.08	1.41	0.22	610	414	0.0052	0.0048	0.0018	0.0001	0.0011	0.0028	0.0004	0.0003	0.0000	0.0020	0.0113
89	2035	ALT1	EB	AM	Ramp	0.02	0.02	0.35	0.05	164	110	0.0014	0.0013	0.0005	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0004	0.0036
90	2035	ALT1	EB	AM	Ramp	0.03	0.04	0.44	0.13	239	175	0.0030	0.0028	0.0008	0.0000	0.0012	0.0026	0.0001	0.0001	0.0000	0.0019	0.0150
91	2035	ALT1	EB	AM	Ramp	0.12	0.17	2.41	0.39	1143	777	0.0102	0.0095	0.0038	0.0002	0.0028	0.0068	0.0008	0.0006	0.0001	0.0035	0.0316
92	2035	ALT1	EB	AM	Ramp	0.05	0.06	0.75	0.17	390	275	0.0041	0.0038	0.0014	0.0001	0.0017	0.0038	0.0003	0.0002	0.0000	0.0020	0.0211
93	2035	ALT1	EB	AM	Ramp	0.46	0.62	12.55	2.42	5109	3596	0.0511	0.0471	0.0140	0.0006	0.0128	0.0299	0.0028	0.0018	0.0004	0.0314	0.1504
94	2035	ALT1	EB	AM	Ramp	0.30	0.43	7.10	1.07	3149	2130	0.0268	0.0248	0.0097	0.0005	0.0056	0.0145	0.0020	0.0016	0.0003	0.0091	0.0582
95	2035	ALT1	EB	AM	Ramp	0.17	0.24	2.29	0.39	1282	867	0.0124	0.0115	0.0052	0.0002	0.0048	0.0112	0.0010	0.0008	0.0001	0.0031	0.0572
96	2035	ALT1	EB	AM	Ramp	0.02	0.02	0.59	0.08	209	141	0.0015	0.0014	0.0006	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0007	0.0028
97	2035	ALT1	EB	AM	Ramp	0.04	0.05	0.89	0.19	389	276	0.0041	0.0038	0.0011	0.0000	0.0011	0.0026	0.0002	0.0001	0.0000	0.0025	0.0135
98	2035	ALT1	EB	AM	Ramp	0.02	0.03	0.51	0.13	233	170	0.0028	0.0026	0.0007	0.0000	0.0008	0.0018	0.0001	0.0001	0.0000	0.0020	0.0100
99	2035	ALT1	EB	AM	Ramp	0.06	0.09	1.80	0.31	721	501	0.0066	0.0061	0.0020	0.0001	0.0016	0.0038	0.0004	0.0003	0.0001	0.0036	0.0180
100	2035	ALT1	EB	AM	Ramp	0.09	0.13	2.76	0.38	1058	714	0.0081	0.0075	0.0030	0.0001	0.0016	0.0042	0.0006	0.0004	0.0001	0.0031	0.0158
101	2035	ALT1	EB	AM	Ramp	0.03	0.04	0.84	0.16	333	233	0.0033	0.0030	0.0009	0.0000	0.0008	0.0018	0.0002	0.0001	0.0000	0.0020	0.0090
102	2035	ALT1	EB	AM	Ramp	0.04	0.06	1.32	0.17	485	324	0.0034	0.0031	0.0013	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0011	0.0054
103	2035	ALT1	EB	AM	Ramp	0.01	0.02	0.48	0.06	172	116	0.0013	0.0012	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0005	0.0023
104	2035	ALT1	EB	AM	Ramp	0.08	0.11	1.86	0.22	818	540	0.0062	0.0057	0.0026	0.0001	0.0010	0.0029	0.0006	0.0005	0.0001	0.0011	0.0082
105	2035	ALT1	EB	AM	Ramp	0.03	0.04	0.88	0.11	338	226	0.0024	0.0023	0.0010	0.0000	0.0004	0.0012	0.0002	0.0002	0.0000	0.0007	0.0039
106	2035	ALT1	EB	AM	Ramp	0.02	0.04	0.33	0.04	201	132	0.0019	0.0018	0.0008	0.0000	0.0003	0.0010	0.0002	0.0002	0.0000	0.0002	0.0033
107	2035	ALT1	EB	AM	Ramp	0.05	0.07	1.29	0.21	547	374	0.0048	0.0044	0.0016	0.0001	0.0010	0.0026	0.0003	0.0002	0.0000	0.0020	0.0112
108	2035	ALT1	EB	AM	Ramp	0.09	0.14	1.98	0.23	934	614	0.0073	0.0067	0.0031	0.0002	0.0011	0.0034	0.0007	0.0006	0.0001	0.0009	0.0094
109	2035	ALT1	EB	AM	Ramp	0.05	0.07	1.36	0.20	542	367	0.0043	0.0040	0.0015	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0017	0.0091
110	2035	ALT1	EB	AM	Ramp	0.09	0.14	2.29	0.28	999	661	0.0076	0.0070	0.0031	0.0002	0.0012	0.0036	0.0007	0.0005	0.0001	0.0015	0.0105
111	2035	ALT1	EB	AM	Ramp	0.03	0.04	0.92	0.12	332	222	0.0023	0.0021	0.0009	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0008	0.0038
112	2035	ALT1	EB	AM	Ramp	0.10	0.15	2.32	0.30	1043	694	0.0083	0.0077	0.0033	0.0002	0.0016	0.0043	0.0007	0.0006	0.0001	0.0018	0.0150

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
113	2035	ALT1	EB	AM	Ramp	0.03	0.05	0.95	0.12	376	251	0.0028	0.0026	0.0011	0.0001	0.0005	0.0013	0.0002	0.0002	0.0000	0.0008	0.0044
114	2035	ALT1	EB	AM	Ramp	0.07	0.10	1.49	0.17	674	444	0.0052	0.0048	0.0022	0.0001	0.0008	0.0024	0.0005	0.0004	0.0001	0.0008	0.0069
115	2035	ALT1	EB	AM	Ramp																	
116	2035	ALT1	EB	AM	Ramp	0.02	0.04	0.62	0.07	268	176	0.0019	0.0018	0.0008	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0003	0.0019
117	2035	ALT1	EB	AM	Ramp	0.03	0.05	0.88	0.12	360	242	0.0028	0.0026	0.0011	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0009	0.0050
118	2035	ALT1	EB	AM	Ramp	0.02	0.04	0.64	0.08	272	180	0.0020	0.0019	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0023
119	2035	ALT1	EB	AM	Ramp	0.06	0.08	1.59	0.19	638	423	0.0046	0.0043	0.0019	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0011	0.0060
120	2035	ALT1	EB	AM	Ramp	0.02	0.03	0.61	0.07	259	171	0.0019	0.0018	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0023
121	2035	ALT1	EB	AM	Ramp	0.07	0.10	2.34	0.32	841	568	0.0062	0.0057	0.0023	0.0001	0.0012	0.0031	0.0005	0.0003	0.0001	0.0026	0.0115
122	2035	ALT1	EB	AM	Ramp	0.67	0.95	18.90	2.78	7526	5104	0.0605	0.0559	0.0215	0.0010	0.0125	0.0323	0.0045	0.0032	0.0006	0.0241	0.1296
123	2035	ALT1	EB	AM	Ramp	0.44	0.61	12.98	1.87	4971	3368	0.0388	0.0359	0.0139	0.0007	0.0079	0.0205	0.0029	0.0020	0.0004	0.0160	0.0809
124	2035	ALT1	EB	AM	Ramp																	
125	2035	ALT1	EB	AM	Ramp	0.16	0.23	2.25	0.34	1281	856	0.0121	0.0112	0.0051	0.0002	0.0037	0.0092	0.0010	0.0009	0.0001	0.0022	0.0424
126	2035	ALT1	EB	AM	Ramp	0.02	0.02	0.36	0.05	167	113	0.0014	0.0013	0.0005	0.0000	0.0003	0.0009	0.0001	0.0001	0.0000	0.0004	0.0037
127	2035	ALT1	EB	AM	Ramp	0.23	0.35	2.84	0.39	1842	1215	0.0185	0.0172	0.0076	0.0004	0.0043	0.0112	0.0016	0.0015	0.0002	0.0018	0.0453
128	2035	ALT1	EB	AM	Ramp	0.00	0.01	0.10	0.01	41	27	0.0003	0.0003	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0004
129	2035	ALT1	EB	AM	Ramp	0.27	0.40	3.56	0.53	2148	1430	0.0210	0.0195	0.0089	0.0004	0.0063	0.0156	0.0018	0.0016	0.0002	0.0032	0.0716
130	2035	ALT1	EB	AM	Ramp	0.02	0.03	0.73	0.10	271	183	0.0020	0.0019	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0008	0.0039
131	2035	ALT1	EB	AM	Ramp	0.29	0.42	4.69	0.63	2500	1660	0.0222	0.0206	0.0094	0.0004	0.0054	0.0141	0.0020	0.0016	0.0002	0.0036	0.0577
132	2035	ALT1	EB	AM	Ramp	0.02	0.02	0.49	0.07	186	126	0.0014	0.0013	0.0005	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0006	0.0030
133	2035	ALT1	EB	AM	Ramp	0.20	0.30	3.97	0.49	1946	1286	0.0160	0.0148	0.0067	0.0003	0.0031	0.0085	0.0014	0.0012	0.0002	0.0024	0.0291
134	2035	ALT1	EB	AM	Ramp	0.19	0.27	6.02	0.82	2242	1510	0.0165	0.0153	0.0062	0.0003	0.0032	0.0085	0.0013	0.0009	0.0002	0.0063	0.0309
135	2035	ALT1	EB	AM	Ramp	0.20	0.29	3.35	0.49	1743	1168	0.0157	0.0145	0.0065	0.0003	0.0045	0.0112	0.0013	0.0011	0.0002	0.0034	0.0504
136	2035	ALT1	EB	AM	Ramp	0.01	0.01	0.17	0.02	74	50	0.0006	0.0006	0.0002	0.0000	0.0001	0.0003	0.0000	0.0000	0.0000	0.0002	0.0013
137	2035	ALT1	EB	AM	Ramp	0.79	1.05	16.82	4.54	8048	5891	0.0997	0.0919	0.0231	0.0008	0.0303	0.0666	0.0042	0.0027	0.0007	0.0706	0.3786
138	2035	ALT1	EB	AM	Ramp																	
139	2035	ALT1	EB	AM	Ramp	0.03	0.05	0.74	0.10	329	219	0.0026	0.0024	0.0010	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0006	0.0048
140	2035	ALT1	EB	AM	Ramp	0.15	0.22	2.47	0.33	1300	862	0.0114	0.0106	0.0048	0.0002	0.0027	0.0071	0.0010	0.0008	0.0001	0.0018	0.0282
141	2035	ALT1	EB	AM	Ramp	0.01	0.01	0.31	0.04	113	75	0.0007	0.0007	0.0003	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0002	0.0010
142	2035	ALT1	EB	AM	Ramp	0.04	0.05	1.18	0.14	445	295	0.0030	0.0028	0.0013	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0007	0.0038
143	2035	ALT1	EB	AM	Ramp	0.03	0.04	0.96	0.11	343	227	0.0022	0.0020	0.0009	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0005	0.0024
144	2035	ALT1	EB	AM	HOV	0.05	0.07	1.68	0.19	587	382	0.0025	0.0023	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
145	2035	ALT1	EB	AM	HOV	0.14	0.19	4.43	0.49	1550	1007	0.0066	0.0061	0.0046	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0006	0.0013
146	2035	ALT1	EB	AM	HOV	0.01	0.01	0.19	0.02	67	44	0.0003	0.0003	0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
147	2035	ALT1	EB	AM	HOV	0.12	0.16	3.74	0.42	1310	852	0.0056	0.0052	0.0039	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0011
148	2035	ALT1	EB	AM	HOV	0.04	0.06	1.36	0.15	476	310	0.0020	0.0019	0.0014	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0004
149	2035	ALT1	EB	AM	HOV	0.08	0.10	2.46	0.27	846	550	0.0036	0.0034	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0007
150	2035	ALT1	EB	AM	HOV	0.11	0.14	3.43	0.38	1180	767	0.0051	0.0047	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0010
151	2035	ALT1	EB	AM	HOV	0.14	0.19	4.63	0.51	1594	1036	0.0068	0.0063	0.0046	0.0002	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0014
152	2035	ALT1	EB	AM	HOV	0.11	0.15	3.67	0.40	1264	822	0.0054	0.0050	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0011
153	2035	ALT1	EB	AM	HOV	0.05	0.06	1.43	0.16	505	328	0.0022	0.0020	0.0015	0.0001	0.0003	0.0012	0.0003	0.0002	0.0000	0.0002	0.0004
154	2035	ALT1	EB	AM	HOV	0.09	0.12	2.73	0.31	967	628	0.0041	0.0038	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0004	0.0008
155	2035	ALT1	EB	AM	HOV	0.07	0.09	2.03	0.23	718	467	0.0031	0.0028	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0006
156	2035	ALT1	EB	AM	HOV	0.05	0.07	1.60	0.18	565	367	0.0024	0.0022	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
157	2035	ALT1	EB	AM	HOV	0.09	0.12	2.81	0.32	995	647	0.0042	0.0039	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0008
158	2035	ALT1	EB	AM	HOV	0.11	0.14	3.23	0.36	1146	745	0.0049	0.0045	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0010
159	2035	ALT1	EB	AM	HOV	0.07	0.09	2.51	0.26	812	528	0.0037	0.0035	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0008
160	2035	ALT1	EB	AM	HOV	0.12	0.17	4.68	0.48	1513	984	0.0070	0.0065	0.0041	0.0002	0.0008	0.0031	0.0009	0.0006	0.0001	0.0005	0.0015

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
161	2035	ALT1	EB	AM	HOV																	
162	2035	ALT1	EB	AM	HOV																	
163	2035	ALT1	EB	AM	HOV																	
164	2035	ALT1	EB	AM	HOV																	
165	2035	ALT1	EB	AM	HOV																	
166	2035	ALT1	EB	AM	HOV																	
167	2035	ALT1	EB	AM	HOV																	
168	2035	ALT1	EB	AM	HOV																	
169	2035	ALT1	EB	AM	HOV																	
170	2035	ALT1	EB	AM	HOV																	
171	2035	ALT1	EB	AM	HOV																	
172	2035	ALT1	EB	AM	HOV																	
173	2035	ALT1	EB	AM	HOV																	
174	2035	ALT1	EB	AM	HOV																	
175	2035	ALT1	EB	AM	HOV																	
176	2035	ALT1	EB	AM	HOV																	
177	2035	ALT1	EB	AM	HOV																	
178	2035	ALT1	EB	AM	HOV																	
179	2035	ALT1	EB	AM	HOV																	
180	2035	ALT1	EB	AM	HOV																	
181	2035	ALT1	EB	AM	HOV																	
182	2035	ALT1	EB	AM	HOV																	
183	2035	ALT1	EB	AM	HOV																	
184	2035	ALT1	EB	AM	HOV																	
185	2035	ALT1	EB	AM	HOV																	
186	2035	ALT1	EB	AM	HOV																	
187	2035	ALT1	EB	AM	HOV																	
188	2035	ALT1	EB	AM	HOV																	
189	2035	ALT1	EB	AM	HOV																	
190	2035	ALT1	EB	AM	HOV																	
191	2035	ALT1	EB	AM	HOV																	
192	2035	ALT1	EB	AM	HOV																	
193	2035	ALT1	EB	AM	HOV																	
194	2035	ALT1	EB	AM	HOV																	
195	2035	ALT1	EB	AM	HOV																	
196	2035	ALT1	EB	AM	HOV																	
197	2035	ALT1	EB	AM	HOV																	
198	2035	ALT1	EB	AM	HOV																	
199	2035	ALT1	EB	AM	HOV																	
200	2035	ALT1	EB	AM	HOV																	
201	2035	ALT1	EB	AM	HOV																	
202	2035	ALT1	EB	AM	HOV																	
203	2035	ALT1	EB	AM	HOV																	
204	2035	ALT1	EB	AM	HOV																	
205	2035	ALT1	EB	AM	HOV																	
206	2035	ALT1	EB	AM	HOV																	
207	2035	ALT1	EB	AM	HOV																	
208	2035	ALT1	EB	AM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley1+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
209	2035	ALT1	EB	AM	HOV																	
210	2035	ALT1	EB	AM	HOV																	
211	2035	ALT1	EB	AM	HOV																	
212	2035	ALT1	EB	AM	HOV																	
213	2035	ALT1	EB	AM	HOV																	
214	2035	ALT1	EB	AM	HOV																	
215	2035	ALT1	EB	AM	HOV																	
1	2035	ALT1	EB	MD	Mainline	0.99	1.26	23.12	6.05	10895	7925	0.1914	0.1763	0.0293	0.0013	0.0264	0.0615	0.0059	0.0028	0.0011	0.1622	0.3024
2	2035	ALT1	EB	MD	Mainline	2.51	3.19	56.69	15.39	27391	19987	0.5090	0.4688	0.0746	0.0032	0.0669	0.1560	0.0151	0.0069	0.0028	0.4367	0.7653
3	2035	ALT1	EB	MD	Mainline	0.12	0.15	2.64	0.70	1283	931	0.0240	0.0221	0.0036	0.0002	0.0030	0.0070	0.0007	0.0003	0.0001	0.0205	0.0332
4	2035	ALT1	EB	MD	Mainline	2.10	2.65	46.72	12.92	22807	16679	0.4344	0.4001	0.0621	0.0027	0.0563	0.1311	0.0126	0.0057	0.0023	0.3747	0.6456
5	2035	ALT1	EB	MD	Mainline	0.85	1.08	18.75	4.99	9108	6608	0.1696	0.1562	0.0255	0.0011	0.0210	0.0498	0.0052	0.0024	0.0009	0.1450	0.2342
6	2035	ALT1	EB	MD	Mainline	1.27	1.61	27.90	7.76	13715	10028	0.2651	0.2441	0.0376	0.0016	0.0336	0.0784	0.0076	0.0035	0.0014	0.2292	0.3830
7	2035	ALT1	EB	MD	Mainline	1.84	2.34	43.04	11.33	20341	14809	0.3599	0.3315	0.0547	0.0023	0.0496	0.1154	0.0111	0.0052	0.0020	0.3056	0.5688
8	2035	ALT1	EB	MD	Mainline	2.35	2.98	52.11	14.54	25558	18710	0.4921	0.4533	0.0696	0.0030	0.0634	0.1475	0.0141	0.0064	0.0027	0.4256	0.7281
9	2035	ALT1	EB	MD	Mainline	1.95	2.48	44.80	11.98	21400	15600	0.3877	0.3571	0.0578	0.0025	0.0523	0.1219	0.0117	0.0054	0.0021	0.3309	0.6001
10	2035	ALT1	EB	MD	Mainline	0.60	0.76	12.99	3.72	6478	4755	0.1296	0.1194	0.0177	0.0008	0.0162	0.0377	0.0036	0.0016	0.0007	0.1130	0.1863
11	2035	ALT1	EB	MD	Mainline	1.24	1.57	28.19	7.53	13504	9837	0.2458	0.2264	0.0367	0.0016	0.0327	0.0764	0.0074	0.0034	0.0013	0.2099	0.3736
12	2035	ALT1	EB	MD	Mainline	0.86	1.09	18.95	5.20	9269	6763	0.1767	0.1628	0.0255	0.0011	0.0224	0.0524	0.0052	0.0024	0.0010	0.1522	0.2539
13	2035	ALT1	EB	MD	Mainline	0.83	1.04	17.46	4.51	8534	6152	0.1580	0.1456	0.0248	0.0011	0.0185	0.0449	0.0052	0.0023	0.0009	0.1343	0.2006
14	2035	ALT1	EB	MD	Mainline	1.25	1.59	26.99	6.90	13067	9410	0.2369	0.2182	0.0377	0.0017	0.0283	0.0684	0.0079	0.0035	0.0013	0.2004	0.3068
15	2035	ALT1	EB	MD	Mainline	1.59	2.02	36.45	8.98	17034	12245	0.2871	0.2645	0.0477	0.0021	0.0372	0.0892	0.0099	0.0045	0.0016	0.2393	0.4088
16	2035	ALT1	EB	MD	Mainline	0.91	1.15	20.64	5.20	9737	7021	0.1685	0.1553	0.0272	0.0012	0.0217	0.0518	0.0056	0.0026	0.0009	0.1415	0.2405
17	2035	ALT1	EB	MD	Mainline	1.47	1.88	34.57	8.71	16111	11645	0.2736	0.2520	0.0440	0.0019	0.0371	0.0876	0.0090	0.0042	0.0015	0.2293	0.4182
18	2035	ALT1	EB	MD	Mainline	1.36	1.75	34.69	7.45	14997	10623	0.2080	0.1917	0.0412	0.0019	0.0300	0.0731	0.0086	0.0042	0.0013	0.1634	0.3243
19	2035	ALT1	EB	MD	Mainline	1.08	1.38	25.87	5.64	11521	8144	0.1671	0.1540	0.0328	0.0015	0.0221	0.0548	0.0069	0.0032	0.0010	0.1326	0.2317
20	2035	ALT1	EB	MD	Mainline	2.21	2.83	53.85	11.75	23826	16862	0.3434	0.3164	0.0672	0.0031	0.0464	0.1144	0.0141	0.0066	0.0021	0.2724	0.4919
21	2035	ALT1	EB	MD	Mainline	0.25	0.32	5.83	1.27	2615	1845	0.0381	0.0351	0.0076	0.0004	0.0049	0.0123	0.0016	0.0007	0.0002	0.0302	0.0509
22	2035	ALT1	EB	MD	Mainline	0.94	1.21	22.19	4.66	9874	6931	0.1381	0.1273	0.0289	0.0014	0.0177	0.0448	0.0062	0.0028	0.0008	0.1078	0.1782
23	2035	ALT1	EB	MD	Mainline	0.97	1.24	23.03	4.85	10206	7170	0.1424	0.1313	0.0296	0.0014	0.0185	0.0467	0.0063	0.0029	0.0009	0.1113	0.1879
24	2035	ALT1	EB	MD	Mainline	0.89	1.14	20.73	4.28	9209	6445	0.1264	0.1165	0.0272	0.0013	0.0160	0.0410	0.0058	0.0026	0.0008	0.0978	0.1588
25	2035	ALT1	EB	MD	Mainline	0.56	0.73	13.71	2.80	5980	4188	0.0799	0.0737	0.0173	0.0008	0.0106	0.0268	0.0037	0.0017	0.0005	0.0614	0.1068
26	2035	ALT1	EB	MD	Mainline	5.04	6.47	119.19	23.64	52200	36331	0.6761	0.6234	0.1552	0.0075	0.0864	0.2247	0.0335	0.0152	0.0042	0.5114	0.8343
27	2035	ALT1	EB	MD	Mainline	4.04	5.17	91.07	18.16	40689	28300	0.5409	0.4987	0.1244	0.0061	0.0666	0.1748	0.0270	0.0119	0.0034	0.4121	0.6282
28	2035	ALT1	EB	MD	Mainline	2.24	2.86	51.20	10.07	22662	15735	0.2935	0.2706	0.0689	0.0034	0.0365	0.0962	0.0150	0.0066	0.0018	0.2214	0.3432
29	2035	ALT1	EB	MD	Mainline	1.52	1.94	34.09	6.65	15178	10523	0.1961	0.1808	0.0468	0.0023	0.0241	0.0640	0.0102	0.0045	0.0012	0.1476	0.2227
30	2035	ALT1	EB	MD	Mainline	2.59	3.32	57.68	11.15	25730	17816	0.3302	0.3045	0.0801	0.0039	0.0404	0.1078	0.0175	0.0076	0.0021	0.2475	0.3686
31	2035	ALT1	EB	MD	Mainline	1.90	2.43	42.63	8.22	18935	13109	0.2412	0.2224	0.0586	0.0029	0.0297	0.0792	0.0128	0.0056	0.0015	0.1803	0.2716
32	2035	ALT1	EB	MD	Mainline	2.02	2.58	46.80	9.18	20591	14295	0.2641	0.2435	0.0621	0.0030	0.0332	0.0872	0.0135	0.0060	0.0017	0.1986	0.3130
33	2035	ALT1	EB	MD	Mainline	1.84	2.36	43.48	8.41	18931	13127	0.2369	0.2185	0.0567	0.0028	0.0302	0.0795	0.0123	0.0056	0.0015	0.1764	0.2853
34	2035	ALT1	EB	MD	Mainline	2.15	2.77	51.80	10.21	22485	15652	0.2874	0.2650	0.0662	0.0032	0.0374	0.0969	0.0143	0.0065	0.0018	0.2165	0.3645
35	2035	ALT1	EB	MD	Mainline	1.19	1.52	27.87	5.37	12154	8419	0.1514	0.1396	0.0366	0.0018	0.0192	0.0507	0.0080	0.0036	0.0010	0.1124	0.1794
36	2035	ALT1	EB	MD	Mainline	1.42	1.82	33.39	6.43	14563	10088	0.1814	0.1672	0.0439	0.0021	0.0230	0.0608	0.0095	0.0043	0.0012	0.1347	0.2149
37	2035	ALT1	EB	MD	Mainline	1.91	2.46	44.97	8.66	19613	13586	0.2443	0.2252	0.0591	0.0029	0.0310	0.0818	0.0128	0.0058	0.0016	0.1814	0.2895
38	2035	ALT1	EB	MD	Mainline	2.77	3.57	66.47	12.70	28700	19879	0.3517	0.3243	0.0856	0.0042	0.0454	0.1197	0.0186	0.0084	0.0023	0.2597	0.4285
39	2035	ALT1	EB	MD	Mainline	2.89	3.71	66.67	12.66	29188	20170	0.3589	0.3309	0.0893	0.0044	0.0449	0.1202	0.0195	0.0086	0.0023	0.2645	0.4108
40	2035	ALT1	EB	MD	Mainline	1.96	2.51	44.01	8.40	19499	13480	0.2447	0.2257	0.0605	0.0030	0.0301	0.0808	0.0132	0.0058	0.0016	0.1817	0.2734
41	2035	ALT1	EB	MD	Mainline	0.72	0.93	16.76	3.16	7322	5056	0.0892	0.0823	0.0224	0.0011	0.0112	0.0300	0.0049	0.0022	0.0006	0.0655	0.1018

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
42	2035	ALT1	EB	MD	Mainline	2.16	2.77	51.69	9.86	22303	15444	0.2726	0.2514	0.0666	0.0032	0.0352	0.0929	0.0144	0.0066	0.0017	0.2010	0.3318
43	2035	ALT1	EB	MD	Mainline	0.95	1.21	21.85	4.11	9543	6587	0.1159	0.1068	0.0293	0.0014	0.0145	0.0390	0.0064	0.0028	0.0007	0.0849	0.1318
44	2035	ALT1	EB	MD	Mainline	1.50	1.92	34.56	6.51	15092	10417	0.1832	0.1689	0.0463	0.0023	0.0230	0.0617	0.0101	0.0045	0.0012	0.1342	0.2085
45	2035	ALT1	EB	MD	Mainline	0.64	0.81	14.55	2.75	6382	4407	0.0782	0.0721	0.0197	0.0010	0.0098	0.0262	0.0043	0.0019	0.0005	0.0575	0.0884
46	2035	ALT1	EB	MD	Mainline	1.68	2.16	39.90	7.59	17273	11951	0.2109	0.1945	0.0519	0.0025	0.0270	0.0715	0.0113	0.0051	0.0014	0.1553	0.2519
47	2035	ALT1	EB	MD	Mainline	0.10	0.13	2.24	0.42	983	678	0.0119	0.0110	0.0030	0.0001	0.0015	0.0040	0.0007	0.0003	0.0001	0.0088	0.0134
48	2035	ALT1	EB	MD	Mainline	2.03	2.60	45.74	8.67	20202	13954	0.2507	0.2312	0.0627	0.0031	0.0310	0.0832	0.0137	0.0060	0.0016	0.1852	0.2796
49	2035	ALT1	EB	MD	Mainline	0.16	0.21	3.77	0.71	1645	1135	0.0200	0.0184	0.0050	0.0002	0.0025	0.0067	0.0011	0.0005	0.0001	0.0146	0.0229
50	2035	ALT1	EB	MD	Mainline	2.65	3.41	62.63	11.85	27150	18762	0.3292	0.3035	0.0821	0.0040	0.0419	0.1115	0.0179	0.0080	0.0021	0.2414	0.3862
51	2035	ALT1	EB	MD	Mainline	0.43	0.55	10.54	1.98	4488	3106	0.0535	0.0494	0.0132	0.0006	0.0071	0.0186	0.0029	0.0013	0.0003	0.0391	0.0670
52	2035	ALT1	EB	MD	Mainline	0.62	0.80	15.71	2.95	6607	4577	0.0779	0.0718	0.0191	0.0009	0.0106	0.0276	0.0041	0.0019	0.0005	0.0567	0.1025
53	2035	ALT1	EB	MD	Mainline	0.46	0.59	12.00	2.29	4994	3476	0.0597	0.0550	0.0141	0.0007	0.0085	0.0216	0.0030	0.0015	0.0004	0.0439	0.0854
54	2035	ALT1	EB	MD	Mainline	2.36	3.08	66.73	12.44	26727	18649	0.3033	0.2797	0.0725	0.0033	0.0482	0.1199	0.0153	0.0077	0.0020	0.2185	0.5070
55	2035	ALT1	EB	MD	Mainline	1.18	1.52	30.58	5.84	12780	8891	0.1532	0.1413	0.0362	0.0017	0.0215	0.0549	0.0077	0.0037	0.0010	0.1128	0.2149
56	2035	ALT1	EB	MD	Mainline	1.48	1.93	40.57	7.71	16563	11562	0.1946	0.1795	0.0456	0.0021	0.0295	0.0740	0.0096	0.0048	0.0013	0.1424	0.3074
57	2035	ALT1	EB	MD	Mainline	0.94	1.21	21.78	4.24	9583	6644	0.1217	0.1123	0.0291	0.0014	0.0152	0.0403	0.0063	0.0028	0.0008	0.0911	0.1424
58	2035	ALT1	EB	MD	Mainline	3.12	4.01	74.07	14.53	32305	22452	0.4117	0.3796	0.0962	0.0047	0.0528	0.1378	0.0208	0.0094	0.0026	0.3093	0.5062
59	2035	ALT1	EB	MD	Mainline	0.82	1.05	18.90	3.64	8310	5753	0.1043	0.0962	0.0254	0.0012	0.0130	0.0346	0.0055	0.0024	0.0007	0.0776	0.1203
60	2035	ALT1	EB	MD	Mainline	3.30	4.24	78.38	15.23	34111	23672	0.4290	0.3955	0.1019	0.0050	0.0549	0.1441	0.0221	0.0100	0.0027	0.3203	0.5220
61	2035	ALT1	EB	MD	Mainline	0.77	0.98	17.40	3.33	7680	5313	0.0964	0.0888	0.0237	0.0012	0.0119	0.0319	0.0052	0.0023	0.0006	0.0716	0.1093
62	2035	ALT1	EB	MD	Mainline	1.59	2.04	35.33	6.90	15819	10969	0.2063	0.1902	0.0492	0.0024	0.0251	0.0669	0.0107	0.0047	0.0013	0.1556	0.2313
63	2035	ALT1	EB	MD	Mainline	0.61	0.78	13.69	2.77	6159	4291	0.0837	0.0772	0.0188	0.0009	0.0102	0.0268	0.0041	0.0018	0.0005	0.0643	0.0972
64	2035	ALT1	EB	MD	Mainline	1.89	2.42	43.00	8.87	19291	13484	0.2668	0.2459	0.0580	0.0028	0.0330	0.0853	0.0125	0.0055	0.0016	0.2068	0.3217
65	2035	ALT1	EB	MD	Mainline	0.61	0.78	14.18	2.86	6278	4376	0.0835	0.0770	0.0188	0.0009	0.0105	0.0272	0.0041	0.0018	0.0005	0.0638	0.1014
66	2035	ALT1	EB	MD	Mainline	0.21	0.26	4.71	1.11	2184	1558	0.0354	0.0327	0.0063	0.0003	0.0045	0.0109	0.0013	0.0006	0.0002	0.0291	0.0476
67	2035	ALT1	EB	MD	Mainline	1.53	1.95	35.00	8.68	16408	11805	0.2788	0.2569	0.0459	0.0021	0.0360	0.0863	0.0095	0.0043	0.0016	0.2329	0.3971
68	2035	ALT1	EB	MD	Mainline	1.15	1.46	25.55	6.24	12082	8652	0.2058	0.1896	0.0347	0.0016	0.0252	0.0614	0.0073	0.0032	0.0012	0.1714	0.2702
69	2035	ALT1	EB	MD	Mainline	2.71	3.44	60.46	15.50	28875	20851	0.5139	0.4734	0.0811	0.0036	0.0646	0.1542	0.0167	0.0076	0.0028	0.4343	0.7147
70	2035	ALT1	EB	MD	Mainline	1.77	2.24	37.03	9.32	18045	12952	0.3276	0.3018	0.0534	0.0025	0.0379	0.0927	0.0112	0.0048	0.0018	0.2765	0.4027
71	2035	ALT1	EB	MD	Mainline	1.83	2.29	35.96	11.64	19293	14351	0.4577	0.4215	0.0538	0.0023	0.0509	0.1175	0.0108	0.0046	0.0023	0.4109	0.5880
72	2035	ALT1	EB	MD	Mainline	1.88	2.36	37.03	11.04	19340	14206	0.4277	0.3939	0.0557	0.0024	0.0471	0.1110	0.0114	0.0049	0.0022	0.3779	0.5277
73	2035	ALT1	EB	MD	Ramp	0.09	0.13	2.00	0.30	900	609	0.0077	0.0071	0.0028	0.0001	0.0017	0.0044	0.0006	0.0005	0.0001	0.0026	0.0181
74	2035	ALT1	EB	MD	Ramp	0.07	0.10	1.24	0.22	610	418	0.0057	0.0053	0.0021	0.0001	0.0019	0.0044	0.0004	0.0003	0.0001	0.0021	0.0222
75	2035	ALT1	EB	MD	Ramp	0.09	0.12	1.71	0.26	813	550	0.0071	0.0066	0.0027	0.0001	0.0019	0.0047	0.0006	0.0004	0.0001	0.0022	0.0213
76	2035	ALT1	EB	MD	Ramp	0.15	0.21	2.57	0.37	1303	873	0.0115	0.0106	0.0047	0.0002	0.0032	0.0079	0.0010	0.0008	0.0001	0.0026	0.0348
77	2035	ALT1	EB	MD	Ramp	0.09	0.13	1.92	0.28	878	590	0.0074	0.0068	0.0028	0.0001	0.0017	0.0043	0.0006	0.0005	0.0001	0.0021	0.0174
78	2035	ALT1	EB	MD	Ramp	0.15	0.21	2.07	0.34	1146	774	0.0109	0.0101	0.0046	0.0002	0.0040	0.0095	0.0009	0.0007	0.0001	0.0027	0.0477
79	2035	ALT1	EB	MD	Ramp	0.18	0.26	2.70	0.43	1475	993	0.0139	0.0128	0.0058	0.0003	0.0048	0.0114	0.0012	0.0009	0.0001	0.0032	0.0554
80	2035	ALT1	EB	MD	Ramp	0.24	0.34	4.33	0.66	2153	1451	0.0192	0.0177	0.0076	0.0003	0.0056	0.0136	0.0016	0.0012	0.0002	0.0052	0.0627
81	2035	ALT1	EB	MD	Ramp	0.17	0.24	4.54	0.76	1869	1288	0.0167	0.0154	0.0053	0.0002	0.0039	0.0096	0.0011	0.0008	0.0001	0.0081	0.0436
82	2035	ALT1	EB	MD	Ramp	0.19	0.27	4.03	0.56	1850	1240	0.0154	0.0142	0.0060	0.0003	0.0034	0.0089	0.0013	0.0010	0.0002	0.0041	0.0354
83	2035	ALT1	EB	MD	Ramp	0.05	0.06	1.18	0.24	505	356	0.0051	0.0047	0.0014	0.0001	0.0013	0.0031	0.0003	0.0002	0.0000	0.0030	0.0159
84	2035	ALT1	EB	MD	Ramp	0.07	0.09	2.01	0.27	761	511	0.0056	0.0052	0.0021	0.0001	0.0010	0.0028	0.0005	0.0003	0.0001	0.0020	0.0100
85	2035	ALT1	EB	MD	Ramp	0.16	0.20	3.55	0.95	1639	1206	0.0211	0.0194	0.0045	0.0002	0.0060	0.0132	0.0008	0.0005	0.0001	0.0158	0.0756
86	2035	ALT1	EB	MD	Ramp	0.23	0.32	5.15	0.97	2376	1648	0.0232	0.0214	0.0072	0.0003	0.0057	0.0137	0.0015	0.0011	0.0002	0.0111	0.0650
87	2035	ALT1	EB	MD	Ramp	0.08	0.10	1.38	0.26	678	469	0.0066	0.0061	0.0023	0.0001	0.0022	0.0051	0.0005	0.0003	0.0001	0.0029	0.0263
88	2035	ALT1	EB	MD	Ramp	0.07	0.10	1.70	0.38	763	544	0.0082	0.0076	0.0022	0.0001	0.0023	0.0053	0.0004	0.0003	0.0001	0.0051	0.0280
89	2035	ALT1	EB	MD	Ramp	0.04	0.05	0.71	0.12	339	232	0.0031	0.0029	0.0011	0.0000	0.0009	0.0022	0.0002	0.0002	0.0000	0.0012	0.0106

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
90	2035	ALT1	EB	MD	Ramp	0.11	0.15	1.85	0.40	941	661	0.0099	0.0091	0.0033	0.0001	0.0038	0.0085	0.0006	0.0004	0.0001	0.0048	0.0466
91	2035	ALT1	EB	MD	Ramp	0.16	0.22	3.54	0.69	1629	1136	0.0163	0.0150	0.0049	0.0002	0.0041	0.0098	0.0010	0.0007	0.0001	0.0083	0.0481
92	2035	ALT1	EB	MD	Ramp	0.19	0.27	2.69	0.52	1460	1004	0.0146	0.0135	0.0059	0.0002	0.0064	0.0146	0.0011	0.0008	0.0001	0.0050	0.0790
93	2035	ALT1	EB	MD	Ramp	1.17	1.55	28.47	6.67	12497	9018	0.1441	0.1329	0.0345	0.0013	0.0400	0.0896	0.0065	0.0040	0.0010	0.0997	0.4909
94	2035	ALT1	EB	MD	Ramp	0.50	0.69	11.67	2.20	5224	3633	0.0508	0.0469	0.0155	0.0007	0.0127	0.0302	0.0031	0.0023	0.0004	0.0255	0.1458
95	2035	ALT1	EB	MD	Ramp	0.29	0.40	4.08	0.77	2203	1512	0.0218	0.0202	0.0088	0.0003	0.0093	0.0212	0.0017	0.0013	0.0002	0.0074	0.1140
96	2035	ALT1	EB	MD	Ramp	0.10	0.14	3.21	0.48	1174	801	0.0094	0.0087	0.0032	0.0001	0.0019	0.0049	0.0007	0.0004	0.0001	0.0047	0.0200
97	2035	ALT1	EB	MD	Ramp	0.06	0.08	1.19	0.42	634	482	0.0094	0.0086	0.0018	0.0001	0.0030	0.0065	0.0003	0.0002	0.0001	0.0075	0.0392
98	2035	ALT1	EB	MD	Ramp	0.07	0.09	1.73	0.37	751	535	0.0081	0.0075	0.0021	0.0001	0.0022	0.0050	0.0004	0.0003	0.0001	0.0052	0.0266
99	2035	ALT1	EB	MD	Ramp	0.14	0.19	3.56	0.71	1497	1057	0.0153	0.0141	0.0042	0.0002	0.0040	0.0092	0.0008	0.0005	0.0001	0.0093	0.0472
100	2035	ALT1	EB	MD	Ramp	0.15	0.21	4.19	0.71	1681	1161	0.0150	0.0138	0.0047	0.0002	0.0035	0.0085	0.0010	0.0007	0.0001	0.0077	0.0393
101	2035	ALT1	EB	MD	Ramp	0.07	0.10	2.02	0.40	817	579	0.0086	0.0079	0.0022	0.0001	0.0021	0.0049	0.0004	0.0003	0.0001	0.0056	0.0249
102	2035	ALT1	EB	MD	Ramp	0.06	0.08	1.64	0.26	637	438	0.0054	0.0050	0.0018	0.0001	0.0012	0.0030	0.0004	0.0002	0.0000	0.0027	0.0133
103	2035	ALT1	EB	MD	Ramp	0.03	0.04	1.00	0.15	367	249	0.0029	0.0027	0.0010	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0014	0.0060
104	2035	ALT1	EB	MD	Ramp	0.10	0.14	2.34	0.33	1040	699	0.0086	0.0079	0.0033	0.0002	0.0017	0.0046	0.0007	0.0005	0.0001	0.0025	0.0174
105	2035	ALT1	EB	MD	Ramp	0.06	0.09	1.80	0.26	712	481	0.0056	0.0052	0.0020	0.0001	0.0011	0.0029	0.0004	0.0003	0.0001	0.0021	0.0113
106	2035	ALT1	EB	MD	Ramp	0.02	0.04	0.43	0.06	222	147	0.0019	0.0018	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0003	0.0043
107	2035	ALT1	EB	MD	Ramp	0.13	0.18	3.05	0.51	1345	923	0.0122	0.0113	0.0040	0.0002	0.0028	0.0069	0.0008	0.0006	0.0001	0.0053	0.0304
108	2035	ALT1	EB	MD	Ramp	0.13	0.20	2.93	0.37	1349	896	0.0108	0.0100	0.0044	0.0002	0.0021	0.0057	0.0009	0.0008	0.0001	0.0022	0.0200
109	2035	ALT1	EB	MD	Ramp	0.10	0.14	2.74	0.43	1111	760	0.0094	0.0087	0.0032	0.0001	0.0021	0.0052	0.0007	0.0005	0.0001	0.0042	0.0227
110	2035	ALT1	EB	MD	Ramp	0.13	0.18	2.91	0.43	1297	876	0.0110	0.0102	0.0040	0.0002	0.0023	0.0060	0.0009	0.0007	0.0001	0.0036	0.0242
111	2035	ALT1	EB	MD	Ramp	0.04	0.06	1.28	0.20	481	329	0.0040	0.0037	0.0013	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0020	0.0091
112	2035	ALT1	EB	MD	Ramp	0.18	0.26	4.00	0.59	1824	1230	0.0155	0.0143	0.0059	0.0003	0.0035	0.0090	0.0012	0.0010	0.0002	0.0047	0.0374
113	2035	ALT1	EB	MD	Ramp	0.07	0.11	2.06	0.28	831	557	0.0063	0.0059	0.0024	0.0001	0.0011	0.0031	0.0005	0.0004	0.0001	0.0019	0.0107
114	2035	ALT1	EB	MD	Ramp	0.12	0.18	2.74	0.35	1246	828	0.0099	0.0092	0.0040	0.0002	0.0019	0.0052	0.0009	0.0007	0.0001	0.0020	0.0180
115	2035	ALT1	EB	MD	Ramp																	
116	2035	ALT1	EB	MD	Ramp	0.04	0.06	1.02	0.13	445	295	0.0034	0.0032	0.0014	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0007	0.0049
117	2035	ALT1	EB	MD	Ramp	0.06	0.09	1.61	0.24	666	453	0.0056	0.0051	0.0019	0.0001	0.0012	0.0030	0.0004	0.0003	0.0001	0.0022	0.0123
118	2035	ALT1	EB	MD	Ramp	0.06	0.08	1.44	0.18	614	407	0.0046	0.0043	0.0019	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0010	0.0062
119	2035	ALT1	EB	MD	Ramp	0.10	0.14	2.76	0.37	1107	742	0.0084	0.0078	0.0032	0.0002	0.0015	0.0042	0.0007	0.0005	0.0001	0.0026	0.0144
120	2035	ALT1	EB	MD	Ramp	0.05	0.08	1.30	0.17	559	372	0.0043	0.0040	0.0017	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0011	0.0067
121	2035	ALT1	EB	MD	Ramp	0.10	0.14	3.06	0.51	1161	803	0.0104	0.0096	0.0031	0.0001	0.0023	0.0056	0.0006	0.0004	0.0001	0.0059	0.0256
122	2035	ALT1	EB	MD	Ramp	1.31	1.81	35.03	5.97	14378	9926	0.1291	0.1193	0.0409	0.0018	0.0306	0.0743	0.0084	0.0058	0.0011	0.0643	0.3428
123	2035	ALT1	EB	MD	Ramp	0.92	1.26	25.32	4.36	10191	7055	0.0922	0.0852	0.0285	0.0013	0.0219	0.0530	0.0058	0.0039	0.0008	0.0485	0.2472
124	2035	ALT1	EB	MD	Ramp	0.16	0.25	2.01	0.29	1288	852	0.0130	0.0120	0.0054	0.0002	0.0034	0.0086	0.0011	0.0010	0.0001	0.0015	0.0374
125	2035	ALT1	EB	MD	Ramp	0.14	0.20	2.72	0.45	1307	891	0.0119	0.0110	0.0044	0.0002	0.0035	0.0084	0.0009	0.0007	0.0001	0.0042	0.0399
126	2035	ALT1	EB	MD	Ramp	0.06	0.08	1.10	0.16	525	354	0.0045	0.0042	0.0018	0.0001	0.0012	0.0030	0.0004	0.0003	0.0000	0.0013	0.0130
127	2035	ALT1	EB	MD	Ramp	0.31	0.45	4.38	0.71	2446	1646	0.0233	0.0215	0.0098	0.0004	0.0082	0.0195	0.0020	0.0016	0.0002	0.0052	0.0961
128	2035	ALT1	EB	MD	Ramp	0.03	0.04	0.61	0.07	269	176	0.0020	0.0018	0.0009	0.0000	0.0002	0.0008	0.0002	0.0002	0.0000	0.0002	0.0016
129	2035	ALT1	EB	MD	Ramp	0.28	0.39	5.03	0.83	2478	1686	0.0227	0.0210	0.0087	0.0004	0.0071	0.0170	0.0017	0.0013	0.0002	0.0075	0.0822
130	2035	ALT1	EB	MD	Ramp	0.08	0.11	2.42	0.32	901	604	0.0065	0.0060	0.0025	0.0001	0.0012	0.0032	0.0005	0.0004	0.0001	0.0022	0.0111
131	2035	ALT1	EB	MD	Ramp	0.25	0.36	6.00	0.93	2660	1806	0.0231	0.0213	0.0081	0.0004	0.0048	0.0124	0.0017	0.0013	0.0002	0.0085	0.0507
132	2035	ALT1	EB	MD	Ramp	0.07	0.10	2.18	0.27	806	538	0.0056	0.0052	0.0022	0.0001	0.0010	0.0027	0.0005	0.0003	0.0001	0.0017	0.0085
133	2035	ALT1	EB	MD	Ramp	0.28	0.41	6.44	0.88	2898	1938	0.0236	0.0218	0.0093	0.0004	0.0048	0.0128	0.0020	0.0015	0.0002	0.0060	0.0477
134	2035	ALT1	EB	MD	Ramp	0.41	0.57	12.65	1.76	4741	3201	0.0357	0.0330	0.0131	0.0006	0.0070	0.0185	0.0028	0.0019	0.0003	0.0141	0.0696
135	2035	ALT1	EB	MD	Ramp	0.28	0.39	5.37	0.90	2571	1754	0.0235	0.0218	0.0087	0.0004	0.0068	0.0165	0.0018	0.0013	0.0002	0.0085	0.0787
136	2035	ALT1	EB	MD	Ramp	0.04	0.06	0.86	0.10	391	259	0.0031	0.0028	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0005	0.0048
137	2035	ALT1	EB	MD	Ramp	1.64	2.11	29.76	10.51	15919	12082	0.2327	0.2145	0.0456	0.0014	0.0764	0.1629	0.0078	0.0045	0.0014	0.1847	0.9837

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
138	2035	ALT1	EB	MD	Ramp	0.17	0.25	2.07	0.32	1299	866	0.0131	0.0121	0.0055	0.0002	0.0043	0.0103	0.0011	0.0010	0.0001	0.0020	0.0492
139	2035	ALT1	EB	MD	Ramp	0.09	0.12	1.91	0.25	868	579	0.0070	0.0065	0.0028	0.0001	0.0014	0.0038	0.0006	0.0005	0.0001	0.0017	0.0140
140	2035	ALT1	EB	MD	Ramp	0.28	0.41	4.75	0.67	2475	1652	0.0220	0.0204	0.0092	0.0004	0.0059	0.0150	0.0019	0.0016	0.0002	0.0044	0.0651
141	2035	ALT1	EB	MD	Ramp	0.03	0.04	0.83	0.10	300	200	0.0020	0.0019	0.0008	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0006	0.0030
142	2035	ALT1	EB	MD	Ramp	0.11	0.16	3.12	0.36	1235	815	0.0085	0.0079	0.0036	0.0002	0.0012	0.0037	0.0008	0.0006	0.0001	0.0016	0.0087
143	2035	ALT1	EB	MD	Ramp	0.09	0.14	3.19	0.35	1133	745	0.0069	0.0064	0.0031	0.0002	0.0009	0.0030	0.0007	0.0005	0.0001	0.0013	0.0061
144	2035	ALT1	EB	MD	HOV	0.12	0.16	3.98	0.43	1351	878	0.0058	0.0054	0.0039	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0012
145	2035	ALT1	EB	MD	HOV	0.31	0.42	10.50	1.14	3567	2319	0.0153	0.0142	0.0102	0.0005	0.0020	0.0078	0.0023	0.0012	0.0002	0.0013	0.0032
146	2035	ALT1	EB	MD	HOV	0.01	0.02	0.45	0.05	154	100	0.0007	0.0006	0.0004	0.0000	0.0001	0.0003	0.0001	0.0001	0.0000	0.0001	0.0001
147	2035	ALT1	EB	MD	HOV	0.27	0.36	8.88	0.97	3016	1961	0.0130	0.0120	0.0086	0.0005	0.0017	0.0066	0.0020	0.0010	0.0001	0.0011	0.0027
148	2035	ALT1	EB	MD	HOV	0.10	0.13	3.23	0.35	1096	713	0.0047	0.0044	0.0031	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0010
149	2035	ALT1	EB	MD	HOV	0.17	0.23	5.70	0.62	1918	1247	0.0083	0.0077	0.0054	0.0003	0.0011	0.0042	0.0012	0.0007	0.0001	0.0007	0.0017
150	2035	ALT1	EB	MD	HOV	0.23	0.31	7.94	0.86	2673	1738	0.0116	0.0107	0.0076	0.0004	0.0015	0.0058	0.0017	0.0009	0.0001	0.0010	0.0024
151	2035	ALT1	EB	MD	HOV	0.31	0.42	10.72	1.16	3610	2347	0.0156	0.0145	0.0102	0.0005	0.0020	0.0079	0.0023	0.0013	0.0002	0.0013	0.0033
152	2035	ALT1	EB	MD	HOV	0.25	0.34	8.51	0.92	2863	1862	0.0124	0.0115	0.0081	0.0004	0.0016	0.0062	0.0019	0.0010	0.0001	0.0010	0.0026
153	2035	ALT1	EB	MD	HOV	0.10	0.14	3.45	0.38	1176	764	0.0050	0.0047	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0010
154	2035	ALT1	EB	MD	HOV	0.20	0.27	6.61	0.72	2249	1462	0.0097	0.0090	0.0064	0.0003	0.0013	0.0049	0.0015	0.0008	0.0001	0.0008	0.0020
155	2035	ALT1	EB	MD	HOV	0.15	0.20	4.91	0.53	1670	1086	0.0072	0.0067	0.0048	0.0003	0.0009	0.0037	0.0011	0.0006	0.0001	0.0006	0.0015
156	2035	ALT1	EB	MD	HOV	0.12	0.16	3.86	0.42	1315	855	0.0056	0.0052	0.0038	0.0002	0.0007	0.0029	0.0009	0.0005	0.0001	0.0005	0.0012
157	2035	ALT1	EB	MD	HOV	0.20	0.27	6.80	0.74	2313	1504	0.0099	0.0092	0.0066	0.0004	0.0013	0.0051	0.0015	0.0008	0.0001	0.0009	0.0020
158	2035	ALT1	EB	MD	HOV	0.24	0.32	7.83	0.85	2665	1733	0.0114	0.0106	0.0076	0.0004	0.0015	0.0059	0.0017	0.0009	0.0001	0.0010	0.0024
159	2035	ALT1	EB	MD	HOV	0.19	0.27	6.77	0.67	2277	1480	0.0117	0.0108	0.0062	0.0003	0.0012	0.0047	0.0014	0.0010	0.0001	0.0007	0.0025
160	2035	ALT1	EB	MD	HOV	0.35	0.50	12.62	1.24	4244	2758	0.0218	0.0202	0.0116	0.0006	0.0022	0.0088	0.0026	0.0018	0.0003	0.0013	0.0046
161	2035	ALT1	EB	MD	HOV																	
162	2035	ALT1	EB	MD	HOV																	
163	2035	ALT1	EB	MD	HOV																	
164	2035	ALT1	EB	MD	HOV																	
165	2035	ALT1	EB	MD	HOV																	
166	2035	ALT1	EB	MD	HOV																	
167	2035	ALT1	EB	MD	HOV																	
168	2035	ALT1	EB	MD	HOV																	
169	2035	ALT1	EB	MD	HOV																	
170	2035	ALT1	EB	MD	HOV																	
171	2035	ALT1	EB	MD	HOV																	
172	2035	ALT1	EB	MD	HOV																	
173	2035	ALT1	EB	MD	HOV																	
174	2035	ALT1	EB	MD	HOV																	
175	2035	ALT1	EB	MD	HOV																	
176	2035	ALT1	EB	MD	HOV																	
177	2035	ALT1	EB	MD	HOV																	
178	2035	ALT1	EB	MD	HOV																	
179	2035	ALT1	EB	MD	HOV																	
180	2035	ALT1	EB	MD	HOV																	
181	2035	ALT1	EB	MD	HOV																	
182	2035	ALT1	EB	MD	HOV																	
183	2035	ALT1	EB	MD	HOV																	
184	2035	ALT1	EB	MD	HOV																	
185	2035	ALT1	EB	MD	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
186	2035	ALT1	EB	MD	HOV																	
187	2035	ALT1	EB	MD	HOV																	
188	2035	ALT1	EB	MD	HOV																	
189	2035	ALT1	EB	MD	HOV																	
190	2035	ALT1	EB	MD	HOV																	
191	2035	ALT1	EB	MD	HOV																	
192	2035	ALT1	EB	MD	HOV																	
193	2035	ALT1	EB	MD	HOV																	
194	2035	ALT1	EB	MD	HOV																	
195	2035	ALT1	EB	MD	HOV																	
196	2035	ALT1	EB	MD	HOV																	
197	2035	ALT1	EB	MD	HOV																	
198	2035	ALT1	EB	MD	HOV																	
199	2035	ALT1	EB	MD	HOV																	
200	2035	ALT1	EB	MD	HOV																	
201	2035	ALT1	EB	MD	HOV																	
202	2035	ALT1	EB	MD	HOV																	
203	2035	ALT1	EB	MD	HOV																	
204	2035	ALT1	EB	MD	HOV																	
205	2035	ALT1	EB	MD	HOV																	
206	2035	ALT1	EB	MD	HOV																	
207	2035	ALT1	EB	MD	HOV																	
208	2035	ALT1	EB	MD	HOV																	
209	2035	ALT1	EB	MD	HOV																	
210	2035	ALT1	EB	MD	HOV																	
211	2035	ALT1	EB	MD	HOV																	
212	2035	ALT1	EB	MD	HOV																	
213	2035	ALT1	EB	MD	HOV																	
214	2035	ALT1	EB	MD	HOV																	
215	2035	ALT1	EB	MD	HOV																	
1	2035	ALT1	EB	PM	Mainline	0.76	1.04	25.64	3.48	9043	6096	0.0654	0.0604	0.0243	0.0012	0.0120	0.0325	0.0052	0.0033	0.0006	0.0289	0.1144
2	2035	ALT1	EB	PM	Mainline	1.74	2.33	56.83	8.13	20318	13724	0.1552	0.1433	0.0550	0.0027	0.0258	0.0707	0.0120	0.0067	0.0013	0.0809	0.2333
3	2035	ALT1	EB	PM	Mainline	0.08	0.11	2.52	0.37	944	638	0.0077	0.0071	0.0027	0.0001	0.0011	0.0032	0.0006	0.0003	0.0001	0.0043	0.0097
4	2035	ALT1	EB	PM	Mainline	1.47	1.96	47.07	6.84	17003	11500	0.1333	0.1231	0.0463	0.0023	0.0219	0.0598	0.0101	0.0055	0.0011	0.0719	0.1983
5	2035	ALT1	EB	PM	Mainline	0.60	0.79	17.85	2.66	6708	4530	0.0547	0.0505	0.0190	0.0009	0.0081	0.0229	0.0042	0.0021	0.0004	0.0311	0.0686
6	2035	ALT1	EB	PM	Mainline	0.88	1.16	27.31	4.05	10033	6793	0.0813	0.0751	0.0276	0.0014	0.0129	0.0353	0.0060	0.0032	0.0006	0.0458	0.1155
7	2035	ALT1	EB	PM	Mainline	1.35	1.83	45.13	6.39	15983	10824	0.1212	0.1120	0.0427	0.0021	0.0223	0.0592	0.0092	0.0055	0.0010	0.0599	0.2154
8	2035	ALT1	EB	PM	Mainline	1.64	2.17	50.69	7.64	18722	12705	0.1559	0.1439	0.0514	0.0025	0.0248	0.0674	0.0112	0.0059	0.0012	0.0900	0.2271
9	2035	ALT1	EB	PM	Mainline	1.38	1.85	45.14	6.61	16191	10989	0.1281	0.1183	0.0435	0.0021	0.0226	0.0600	0.0094	0.0053	0.0010	0.0685	0.2166
10	2035	ALT1	EB	PM	Mainline	0.42	0.55	12.04	1.90	4648	3159	0.0416	0.0384	0.0132	0.0007	0.0061	0.0168	0.0029	0.0014	0.0003	0.0257	0.0540
11	2035	ALT1	EB	PM	Mainline	0.84	1.12	26.16	3.97	9652	6558	0.0809	0.0747	0.0264	0.0013	0.0131	0.0352	0.0057	0.0031	0.0006	0.0470	0.1213
12	2035	ALT1	EB	PM	Mainline	0.60	0.79	17.54	2.70	6681	4531	0.0577	0.0532	0.0189	0.0009	0.0086	0.0237	0.0041	0.0021	0.0004	0.0346	0.0750
13	2035	ALT1	EB	PM	Mainline	0.61	0.79	15.86	2.50	6365	4302	0.0567	0.0523	0.0192	0.0010	0.0077	0.0222	0.0043	0.0020	0.0004	0.0346	0.0611
14	2035	ALT1	EB	PM	Mainline	0.91	1.19	24.49	3.85	9699	6563	0.0860	0.0794	0.0287	0.0014	0.0119	0.0339	0.0063	0.0030	0.0006	0.0525	0.0974
15	2035	ALT1	EB	PM	Mainline	1.11	1.47	33.96	5.15	12628	8570	0.1063	0.0982	0.0349	0.0017	0.0166	0.0453	0.0076	0.0040	0.0008	0.0622	0.1507
16	2035	ALT1	EB	PM	Mainline	0.64	0.85	19.93	3.01	7362	4999	0.0616	0.0568	0.0202	0.0010	0.0099	0.0267	0.0044	0.0023	0.0005	0.0357	0.0907
17	2035	ALT1	EB	PM	Mainline	1.11	1.50	36.55	5.32	13069	8871	0.1027	0.0949	0.0350	0.0017	0.0185	0.0489	0.0075	0.0044	0.0008	0.0541	0.1788
18	2035	ALT1	EB	PM	Mainline	1.35	1.90	41.61	5.52	15618	10485	0.1138	0.1052	0.0436	0.0021	0.0210	0.0574	0.0094	0.0066	0.0011	0.0398	0.2006

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
19	2035	ALT1	EB	PM	Mainline	0.80	1.09	27.10	3.68	9483	6388	0.0682	0.0631	0.0254	0.0012	0.0121	0.0331	0.0055	0.0033	0.0006	0.0313	0.1124
20	2035	ALT1	EB	PM	Mainline	1.98	2.76	65.24	8.54	23402	15703	0.1645	0.1521	0.0637	0.0031	0.0300	0.0824	0.0138	0.0091	0.0016	0.0616	0.2801
21	2035	ALT1	EB	PM	Mainline	0.18	0.25	6.18	0.84	2160	1452	0.0154	0.0142	0.0058	0.0003	0.0026	0.0073	0.0013	0.0007	0.0001	0.0071	0.0234
22	2035	ALT1	EB	PM	Mainline	0.71	0.95	22.79	3.21	8191	5513	0.0611	0.0564	0.0225	0.0011	0.0097	0.0273	0.0049	0.0027	0.0005	0.0312	0.0830
23	2035	ALT1	EB	PM	Mainline	0.76	1.01	24.95	3.42	8816	5921	0.0631	0.0583	0.0240	0.0012	0.0102	0.0288	0.0053	0.0029	0.0005	0.0304	0.0867
24	2035	ALT1	EB	PM	Mainline	0.68	0.90	20.79	3.09	7702	5213	0.0630	0.0581	0.0214	0.0011	0.0097	0.0269	0.0047	0.0024	0.0005	0.0359	0.0857
25	2035	ALT1	EB	PM	Mainline	0.45	0.60	14.92	2.11	5280	3574	0.0399	0.0369	0.0141	0.0007	0.0073	0.0195	0.0030	0.0018	0.0003	0.0197	0.0704
26	2035	ALT1	EB	PM	Mainline	4.03	5.53	134.92	18.56	47809	32284	0.3510	0.3244	0.1283	0.0062	0.0657	0.1757	0.0276	0.0172	0.0031	0.1581	0.6342
27	2035	ALT1	EB	PM	Mainline	2.91	3.86	90.23	13.32	33223	22473	0.2680	0.2474	0.0918	0.0045	0.0419	0.1157	0.0201	0.0105	0.0021	0.1505	0.3696
28	2035	ALT1	EB	PM	Mainline	1.68	2.24	53.15	7.89	19407	13155	0.1573	0.1452	0.0530	0.0026	0.0256	0.0695	0.0115	0.0062	0.0012	0.0881	0.2347
29	2035	ALT1	EB	PM	Mainline	1.13	1.51	35.67	5.30	13043	8840	0.1058	0.0977	0.0357	0.0017	0.0171	0.0466	0.0077	0.0042	0.0008	0.0594	0.1566
30	2035	ALT1	EB	PM	Mainline	2.01	2.64	59.12	8.98	22360	15142	0.1888	0.1743	0.0631	0.0031	0.0282	0.0784	0.0138	0.0070	0.0014	0.1110	0.2445
31	2035	ALT1	EB	PM	Mainline	1.42	1.89	44.65	6.63	16352	11081	0.1328	0.1227	0.0448	0.0022	0.0214	0.0582	0.0097	0.0052	0.0010	0.0747	0.1944
32	2035	ALT1	EB	PM	Mainline	1.57	2.12	52.00	7.54	18547	12591	0.1450	0.1339	0.0496	0.0024	0.0265	0.0698	0.0106	0.0062	0.0012	0.0755	0.2581
33	2035	ALT1	EB	PM	Mainline	1.42	1.90	46.00	6.80	16599	11266	0.1332	0.1230	0.0448	0.0022	0.0227	0.0608	0.0097	0.0054	0.0011	0.0731	0.2148
34	2035	ALT1	EB	PM	Mainline	1.77	2.39	58.23	8.57	20868	14193	0.1663	0.1536	0.0557	0.0027	0.0306	0.0800	0.0119	0.0070	0.0014	0.0886	0.3015
35	2035	ALT1	EB	PM	Mainline	0.92	1.23	28.94	4.34	10621	7209	0.0876	0.0809	0.0290	0.0014	0.0142	0.0384	0.0063	0.0034	0.0007	0.0500	0.1314
36	2035	ALT1	EB	PM	Mainline	1.11	1.47	34.68	5.20	12725	8636	0.1049	0.0969	0.0348	0.0017	0.0170	0.0461	0.0075	0.0040	0.0008	0.0599	0.1574
37	2035	ALT1	EB	PM	Mainline	1.49	1.98	46.71	7.01	17139	11632	0.1413	0.1305	0.0468	0.0023	0.0230	0.0620	0.0102	0.0055	0.0011	0.0806	0.2120
38	2035	ALT1	EB	PM	Mainline	2.20	2.93	69.33	10.55	25428	17304	0.2135	0.1971	0.0690	0.0033	0.0356	0.0948	0.0149	0.0081	0.0016	0.1235	0.3384
39	2035	ALT1	EB	PM	Mainline	2.32	3.04	66.31	10.42	25540	17353	0.2276	0.2101	0.0726	0.0036	0.0335	0.0921	0.0159	0.0079	0.0017	0.1399	0.2958
40	2035	ALT1	EB	PM	Mainline	1.56	2.04	42.56	6.85	16822	11430	0.1550	0.1430	0.0489	0.0024	0.0218	0.0606	0.0107	0.0052	0.0011	0.0975	0.1873
41	2035	ALT1	EB	PM	Mainline	0.58	0.76	16.51	2.58	6363	4318	0.0561	0.0518	0.0182	0.0009	0.0082	0.0227	0.0040	0.0020	0.0004	0.0342	0.0714
42	2035	ALT1	EB	PM	Mainline	1.70	2.26	53.07	8.11	19563	13313	0.1657	0.1529	0.0533	0.0026	0.0272	0.0727	0.0115	0.0062	0.0013	0.0968	0.2570
43	2035	ALT1	EB	PM	Mainline	0.75	0.98	21.05	3.33	8192	5562	0.0735	0.0678	0.0235	0.0012	0.0106	0.0293	0.0052	0.0025	0.0005	0.0453	0.0916
44	2035	ALT1	EB	PM	Mainline	1.19	1.55	33.29	5.26	12955	8795	0.1162	0.1072	0.0372	0.0019	0.0167	0.0464	0.0082	0.0040	0.0009	0.0717	0.1449
45	2035	ALT1	EB	PM	Mainline	0.51	0.66	13.83	2.22	5474	3718	0.0503	0.0464	0.0159	0.0008	0.0071	0.0197	0.0035	0.0017	0.0004	0.0316	0.0604
46	2035	ALT1	EB	PM	Mainline	1.32	1.74	39.89	6.18	14990	10200	0.1309	0.1209	0.0414	0.0020	0.0203	0.0549	0.0090	0.0046	0.0010	0.0793	0.1867
47	2035	ALT1	EB	PM	Mainline	0.08	0.10	2.18	0.35	858	582	0.0078	0.0072	0.0025	0.0001	0.0011	0.0031	0.0005	0.0003	0.0001	0.0048	0.0093
48	2035	ALT1	EB	PM	Mainline	1.70	2.21	44.88	7.23	17979	12201	0.1665	0.1536	0.0533	0.0027	0.0229	0.0644	0.0118	0.0056	0.0012	0.1049	0.1913
49	2035	ALT1	EB	PM	Mainline	0.13	0.17	3.74	0.59	1453	986	0.0130	0.0120	0.0042	0.0002	0.0019	0.0052	0.0009	0.0005	0.0001	0.0080	0.0162
50	2035	ALT1	EB	PM	Mainline	2.14	2.80	59.60	9.43	23274	15797	0.2091	0.1929	0.0672	0.0034	0.0299	0.0831	0.0147	0.0072	0.0016	0.1291	0.2571
51	2035	ALT1	EB	PM	Mainline	0.32	0.42	9.87	1.47	3625	2458	0.0297	0.0275	0.0099	0.0005	0.0048	0.0130	0.0022	0.0012	0.0002	0.0169	0.0436
52	2035	ALT1	EB	PM	Mainline	0.43	0.58	13.83	2.07	5028	3414	0.0410	0.0379	0.0136	0.0007	0.0069	0.0184	0.0029	0.0016	0.0003	0.0230	0.0648
53	2035	ALT1	EB	PM	Mainline	0.34	0.47	11.39	1.67	4073	2770	0.0323	0.0298	0.0109	0.0005	0.0060	0.0157	0.0023	0.0014	0.0003	0.0170	0.0598
54	2035	ALT1	EB	PM	Mainline	2.63	3.70	76.31	10.79	29763	20108	0.2312	0.2138	0.0844	0.0041	0.0459	0.1208	0.0179	0.0127	0.0022	0.0879	0.4628
55	2035	ALT1	EB	PM	Mainline	0.88	1.19	29.25	4.22	10416	7067	0.0809	0.0747	0.0278	0.0013	0.0147	0.0389	0.0060	0.0035	0.0007	0.0418	0.1428
56	2035	ALT1	EB	PM	Mainline	1.45	2.02	45.12	6.39	16824	11387	0.1282	0.1185	0.0463	0.0022	0.0257	0.0673	0.0098	0.0067	0.0012	0.0534	0.2604
57	2035	ALT1	EB	PM	Mainline	0.66	0.87	19.46	2.95	7347	4974	0.0618	0.0571	0.0207	0.0010	0.0092	0.0257	0.0045	0.0023	0.0005	0.0362	0.0801
58	2035	ALT1	EB	PM	Mainline	2.23	2.99	72.67	10.60	26084	17681	0.2054	0.1897	0.0702	0.0034	0.0354	0.0948	0.0152	0.0086	0.0017	0.1099	0.3329
59	2035	ALT1	EB	PM	Mainline	0.58	0.77	17.97	2.64	6601	4463	0.0528	0.0488	0.0182	0.0009	0.0083	0.0229	0.0040	0.0021	0.0004	0.0294	0.0728
60	2035	ALT1	EB	PM	Mainline	2.61	3.57	87.48	12.05	30944	20895	0.2274	0.2102	0.0829	0.0040	0.0422	0.1130	0.0179	0.0110	0.0020	0.1039	0.4053
61	2035	ALT1	EB	PM	Mainline	0.55	0.74	17.91	2.55	6430	4337	0.0488	0.0451	0.0175	0.0009	0.0079	0.0220	0.0038	0.0021	0.0004	0.0254	0.0700
62	2035	ALT1	EB	PM	Mainline	1.24	1.63	36.08	5.33	13623	9180	0.1092	0.1008	0.0390	0.0020	0.0160	0.0457	0.0086	0.0043	0.0009	0.0612	0.1303
63	2035	ALT1	EB	PM	Mainline	0.48	0.63	13.60	2.08	5232	3537	0.0443	0.0409	0.0151	0.0008	0.0064	0.0181	0.0033	0.0016	0.0003	0.0261	0.0531
64	2035	ALT1	EB	PM	Mainline	1.57	2.06	45.63	6.90	17341	11724	0.1449	0.1338	0.0494	0.0025	0.0213	0.0599	0.0109	0.0054	0.0011	0.0844	0.1801
65	2035	ALT1	EB	PM	Mainline	0.49	0.65	15.06	2.21	5560	3755	0.0444	0.0410	0.0155	0.0008	0.0068	0.0190	0.0034	0.0018	0.0003	0.0247	0.0586
66	2035	ALT1	EB	PM	Mainline	0.18	0.25	5.77	0.92	2145	1477	0.0186	0.0172	0.0057	0.0003	0.0039	0.0097	0.0012	0.0007	0.0001	0.0104	0.0424

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
67	2035	ALT1	EB	PM	Mainline	1.83	2.53	50.87	8.28	20342	13979	0.1762	0.1628	0.0573	0.0026	0.0402	0.0991	0.0118	0.0081	0.0015	0.0852	0.4420
68	2035	ALT1	EB	PM	Mainline	0.97	1.29	30.38	5.00	11306	7800	0.1037	0.0957	0.0301	0.0014	0.0198	0.0494	0.0063	0.0036	0.0008	0.0638	0.2093
69	2035	ALT1	EB	PM	Mainline	2.87	3.91	85.28	14.03	32722	22580	0.2870	0.2651	0.0892	0.0040	0.0647	0.1582	0.0184	0.0118	0.0023	0.1547	0.7151
70	2035	ALT1	EB	PM	Mainline	1.49	1.95	42.71	7.37	16721	11534	0.1715	0.1582	0.0460	0.0022	0.0266	0.0686	0.0099	0.0050	0.0012	0.1164	0.2645
71	2035	ALT1	EB	PM	Mainline	1.82	2.34	46.63	9.16	19706	13759	0.2457	0.2265	0.0557	0.0026	0.0343	0.0869	0.0119	0.0057	0.0016	0.1841	0.3478
72	2035	ALT1	EB	PM	Mainline	2.05	2.64	49.35	9.34	21244	14697	0.2568	0.2368	0.0635	0.0031	0.0332	0.0879	0.0138	0.0063	0.0017	0.1884	0.3112
73	2035	ALT1	EB	PM	Ramp	0.11	0.16	2.04	0.26	1026	680	0.0087	0.0080	0.0036	0.0002	0.0018	0.0049	0.0008	0.0006	0.0001	0.0014	0.0182
74	2035	ALT1	EB	PM	Ramp	0.08	0.11	1.25	0.20	653	440	0.0060	0.0056	0.0024	0.0001	0.0020	0.0047	0.0005	0.0004	0.0001	0.0016	0.0226
75	2035	ALT1	EB	PM	Ramp	0.09	0.14	1.55	0.21	821	545	0.0073	0.0067	0.0031	0.0001	0.0018	0.0046	0.0006	0.0005	0.0001	0.0012	0.0184
76	2035	ALT1	EB	PM	Ramp	0.13	0.19	2.08	0.29	1105	735	0.0099	0.0091	0.0041	0.0002	0.0025	0.0065	0.0009	0.0007	0.0001	0.0017	0.0272
77	2035	ALT1	EB	PM	Ramp	0.15	0.22	2.22	0.28	1279	843	0.0118	0.0109	0.0049	0.0002	0.0024	0.0065	0.0011	0.0009	0.0001	0.0012	0.0234
78	2035	ALT1	EB	PM	Ramp	0.11	0.17	1.53	0.25	884	594	0.0086	0.0079	0.0036	0.0002	0.0030	0.0072	0.0007	0.0006	0.0001	0.0018	0.0354
79	2035	ALT1	EB	PM	Ramp	0.19	0.28	2.36	0.31	1523	1002	0.0152	0.0141	0.0062	0.0003	0.0032	0.0086	0.0013	0.0012	0.0002	0.0014	0.0328
80	2035	ALT1	EB	PM	Ramp	0.19	0.28	3.32	0.49	1704	1142	0.0152	0.0140	0.0062	0.0003	0.0043	0.0106	0.0013	0.0010	0.0002	0.0034	0.0477
81	2035	ALT1	EB	PM	Ramp	0.20	0.29	5.26	0.66	2202	1464	0.0166	0.0153	0.0066	0.0003	0.0026	0.0076	0.0014	0.0011	0.0002	0.0039	0.0221
82	2035	ALT1	EB	PM	Ramp	0.12	0.18	2.73	0.36	1245	829	0.0100	0.0093	0.0040	0.0002	0.0020	0.0054	0.0009	0.0007	0.0001	0.0023	0.0195
83	2035	ALT1	EB	PM	Ramp	0.03	0.04	0.79	0.12	316	216	0.0027	0.0025	0.0009	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0012	0.0064
84	2035	ALT1	EB	PM	Ramp	0.07	0.10	2.05	0.26	783	523	0.0056	0.0052	0.0022	0.0001	0.0010	0.0027	0.0005	0.0003	0.0001	0.0016	0.0086
85	2035	ALT1	EB	PM	Ramp	0.12	0.17	3.74	0.50	1405	945	0.0104	0.0096	0.0039	0.0002	0.0020	0.0053	0.0008	0.0006	0.0001	0.0038	0.0189
86	2035	ALT1	EB	PM	Ramp	0.24	0.34	4.65	0.73	2240	1516	0.0199	0.0184	0.0076	0.0003	0.0055	0.0136	0.0016	0.0012	0.0002	0.0061	0.0624
87	2035	ALT1	EB	PM	Ramp	0.08	0.12	1.58	0.20	759	503	0.0062	0.0057	0.0026	0.0001	0.0012	0.0034	0.0006	0.0005	0.0001	0.0011	0.0120
88	2035	ALT1	EB	PM	Ramp	0.04	0.06	1.22	0.18	488	332	0.0040	0.0037	0.0014	0.0001	0.0008	0.0022	0.0003	0.0002	0.0000	0.0016	0.0089
89	2035	ALT1	EB	PM	Ramp	0.03	0.04	0.55	0.08	257	173	0.0022	0.0020	0.0009	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0006	0.0055
90	2035	ALT1	EB	PM	Ramp	0.21	0.31	3.14	0.48	1740	1165	0.0162	0.0150	0.0068	0.0003	0.0051	0.0124	0.0014	0.0011	0.0002	0.0032	0.0579
91	2035	ALT1	EB	PM	Ramp	0.08	0.11	2.01	0.33	861	590	0.0076	0.0071	0.0025	0.0001	0.0017	0.0043	0.0005	0.0004	0.0001	0.0034	0.0189
92	2035	ALT1	EB	PM	Ramp	0.18	0.26	2.41	0.36	1399	933	0.0133	0.0124	0.0056	0.0003	0.0040	0.0099	0.0012	0.0010	0.0001	0.0023	0.0454
93	2035	ALT1	EB	PM	Ramp	0.83	1.17	26.10	3.25	9661	6439	0.0665	0.0616	0.0270	0.0013	0.0112	0.0322	0.0059	0.0041	0.0007	0.0197	0.0988
94	2035	ALT1	EB	PM	Ramp	0.42	0.60	9.67	1.48	4337	2937	0.0374	0.0346	0.0135	0.0006	0.0082	0.0210	0.0028	0.0022	0.0004	0.0129	0.0873
95	2035	ALT1	EB	PM	Ramp																	
96	2035	ALT1	EB	PM	Ramp	0.03	0.05	1.10	0.16	398	271	0.0031	0.0029	0.0011	0.0001	0.0006	0.0016	0.0002	0.0001	0.0000	0.0015	0.0065
97	2035	ALT1	EB	PM	Ramp	0.04	0.06	1.15	0.21	480	335	0.0046	0.0042	0.0014	0.0001	0.0011	0.0027	0.0003	0.0002	0.0000	0.0025	0.0132
98	2035	ALT1	EB	PM	Ramp	0.08	0.12	2.29	0.37	926	636	0.0081	0.0074	0.0026	0.0001	0.0018	0.0045	0.0005	0.0004	0.0001	0.0039	0.0203
99	2035	ALT1	EB	PM	Ramp	0.10	0.14	3.07	0.37	1153	767	0.0079	0.0073	0.0033	0.0002	0.0013	0.0037	0.0007	0.0005	0.0001	0.0021	0.0110
100	2035	ALT1	EB	PM	Ramp	0.18	0.26	5.26	0.73	2058	1387	0.0158	0.0146	0.0059	0.0003	0.0031	0.0082	0.0012	0.0009	0.0002	0.0057	0.0303
101	2035	ALT1	EB	PM	Ramp	0.05	0.07	1.74	0.25	633	429	0.0048	0.0044	0.0017	0.0001	0.0009	0.0025	0.0004	0.0002	0.0000	0.0021	0.0094
102	2035	ALT1	EB	PM	Ramp	0.05	0.07	1.49	0.20	555	374	0.0041	0.0038	0.0015	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0016	0.0077
103	2035	ALT1	EB	PM	Ramp	0.04	0.06	1.41	0.17	504	334	0.0033	0.0030	0.0014	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0009	0.0043
104	2035	ALT1	EB	PM	Ramp	0.09	0.13	2.06	0.27	915	610	0.0073	0.0068	0.0029	0.0001	0.0014	0.0038	0.0006	0.0005	0.0001	0.0018	0.0134
105	2035	ALT1	EB	PM	Ramp	0.06	0.09	1.69	0.20	677	448	0.0048	0.0044	0.0020	0.0001	0.0007	0.0021	0.0004	0.0003	0.0001	0.0010	0.0056
106	2035	ALT1	EB	PM	Ramp	0.03	0.05	0.42	0.05	253	167	0.0024	0.0022	0.0010	0.0000	0.0005	0.0014	0.0002	0.0002	0.0000	0.0003	0.0052
107	2035	ALT1	EB	PM	Ramp	0.10	0.15	2.58	0.31	1109	733	0.0082	0.0076	0.0034	0.0002	0.0012	0.0037	0.0007	0.0006	0.0001	0.0015	0.0099
108	2035	ALT1	EB	PM	Ramp	0.09	0.14	2.04	0.25	934	617	0.0073	0.0067	0.0031	0.0002	0.0012	0.0036	0.0007	0.0005	0.0001	0.0012	0.0111
109	2035	ALT1	EB	PM	Ramp	0.11	0.16	2.94	0.37	1221	811	0.0091	0.0084	0.0036	0.0002	0.0014	0.0041	0.0008	0.0006	0.0001	0.0021	0.0118
110	2035	ALT1	EB	PM	Ramp	0.13	0.18	2.90	0.41	1297	871	0.0107	0.0099	0.0041	0.0002	0.0022	0.0059	0.0009	0.0007	0.0001	0.0031	0.0227
111	2035	ALT1	EB	PM	Ramp	0.04	0.06	1.39	0.19	516	348	0.0038	0.0035	0.0014	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0015	0.0073
112	2035	ALT1	EB	PM	Ramp	0.18	0.27	3.99	0.51	1833	1217	0.0146	0.0136	0.0060	0.0003	0.0028	0.0077	0.0013	0.0010	0.0002	0.0029	0.0269
113	2035	ALT1	EB	PM	Ramp	0.09	0.14	2.30	0.27	1001	660	0.0074	0.0069	0.0031	0.0002	0.0011	0.0033	0.0007	0.0005	0.0001	0.0012	0.0087
114	2035	ALT1	EB	PM	Ramp	0.09	0.12	1.91	0.23	868	574	0.0068	0.0063	0.0028	0.0001	0.0012	0.0034	0.0006	0.0005	0.0001	0.0012	0.0109

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
115	2035	ALT1	EB	PM	Ramp																	
116	2035	ALT1	EB	PM	Ramp	0.03	0.05	0.80	0.10	349	231	0.0026	0.0024	0.0011	0.0001	0.0004	0.0012	0.0002	0.0002	0.0000	0.0005	0.0036
117	2035	ALT1	EB	PM	Ramp	0.05	0.07	1.26	0.17	519	347	0.0040	0.0037	0.0015	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0012	0.0067
118	2035	ALT1	EB	PM	Ramp	0.07	0.10	1.78	0.20	764	503	0.0056	0.0052	0.0024	0.0001	0.0008	0.0024	0.0005	0.0004	0.0001	0.0008	0.0056
119	2035	ALT1	EB	PM	Ramp	0.08	0.12	2.29	0.29	939	625	0.0070	0.0065	0.0028	0.0001	0.0011	0.0033	0.0006	0.0005	0.0001	0.0018	0.0099
120	2035	ALT1	EB	PM	Ramp	0.04	0.07	1.13	0.14	485	321	0.0036	0.0034	0.0015	0.0001	0.0005	0.0016	0.0003	0.0003	0.0000	0.0007	0.0045
121	2035	ALT1	EB	PM	Ramp	0.12	0.17	3.96	0.56	1443	978	0.0110	0.0102	0.0039	0.0002	0.0022	0.0057	0.0008	0.0005	0.0001	0.0050	0.0222
122	2035	ALT1	EB	PM	Ramp	1.08	1.55	29.50	3.93	12002	8038	0.0918	0.0849	0.0352	0.0017	0.0162	0.0450	0.0076	0.0057	0.0009	0.0276	0.1529
123	2035	ALT1	EB	PM	Ramp	0.48	0.66	14.35	2.15	5447	3711	0.0437	0.0404	0.0150	0.0007	0.0093	0.0236	0.0032	0.0021	0.0004	0.0199	0.0977
124	2035	ALT1	EB	PM	Ramp																	
125	2035	ALT1	EB	PM	Ramp	0.11	0.15	1.89	0.37	947	655	0.0093	0.0086	0.0033	0.0001	0.0033	0.0076	0.0006	0.0005	0.0001	0.0039	0.0400
126	2035	ALT1	EB	PM	Ramp	0.05	0.07	0.99	0.12	474	313	0.0038	0.0035	0.0016	0.0001	0.0007	0.0019	0.0003	0.0003	0.0000	0.0006	0.0062
127	2035	ALT1	EB	PM	Ramp	0.17	0.25	2.74	0.39	1474	981	0.0133	0.0123	0.0056	0.0003	0.0036	0.0090	0.0012	0.0010	0.0001	0.0024	0.0390
128	2035	ALT1	EB	PM	Ramp	0.04	0.06	0.81	0.08	393	256	0.0030	0.0028	0.0013	0.0001	0.0003	0.0011	0.0003	0.0003	0.0000	0.0002	0.0016
129	2035	ALT1	EB	PM	Ramp	0.13	0.18	2.87	0.40	1292	867	0.0107	0.0099	0.0041	0.0002	0.0022	0.0059	0.0009	0.0007	0.0001	0.0030	0.0230
130	2035	ALT1	EB	PM	Ramp	0.09	0.12	2.76	0.32	1010	667	0.0065	0.0060	0.0028	0.0001	0.0010	0.0030	0.0006	0.0004	0.0001	0.0015	0.0072
131	2035	ALT1	EB	PM	Ramp	0.14	0.20	3.52	0.54	1503	1021	0.0128	0.0118	0.0045	0.0002	0.0027	0.0068	0.0009	0.0007	0.0001	0.0049	0.0280
132	2035	ALT1	EB	PM	Ramp	0.14	0.20	4.11	0.45	1573	1034	0.0103	0.0095	0.0045	0.0002	0.0013	0.0043	0.0010	0.0008	0.0001	0.0017	0.0086
133	2035	ALT1	EB	PM	Ramp	0.16	0.23	3.97	0.53	1725	1153	0.0137	0.0127	0.0053	0.0003	0.0025	0.0068	0.0011	0.0009	0.0001	0.0036	0.0233
134	2035	ALT1	EB	PM	Ramp	0.49	0.70	15.92	1.82	5784	3820	0.0369	0.0342	0.0161	0.0008	0.0054	0.0167	0.0036	0.0025	0.0004	0.0082	0.0402
135	2035	ALT1	EB	PM	Ramp	0.17	0.24	3.55	0.51	1643	1104	0.0139	0.0129	0.0054	0.0003	0.0032	0.0083	0.0011	0.0009	0.0001	0.0039	0.0344
136	2035	ALT1	EB	PM	Ramp	0.03	0.05	0.69	0.07	315	206	0.0023	0.0022	0.0010	0.0001	0.0003	0.0009	0.0002	0.0002	0.0000	0.0002	0.0016
137	2035	ALT1	EB	PM	Ramp	1.73	2.34	35.51	8.65	17252	12379	0.1974	0.1822	0.0517	0.0020	0.0577	0.1301	0.0099	0.0067	0.0015	0.1225	0.7060
138	2035	ALT1	EB	PM	Ramp																	
139	2035	ALT1	EB	PM	Ramp	0.11	0.16	2.29	0.26	1079	710	0.0084	0.0078	0.0036	0.0002	0.0013	0.0040	0.0008	0.0006	0.0001	0.0011	0.0111
140	2035	ALT1	EB	PM	Ramp	0.21	0.31	3.52	0.41	1900	1247	0.0164	0.0152	0.0070	0.0004	0.0026	0.0078	0.0015	0.0013	0.0002	0.0015	0.0230
141	2035	ALT1	EB	PM	Ramp	0.06	0.09	2.02	0.22	742	488	0.0046	0.0043	0.0021	0.0001	0.0006	0.0020	0.0005	0.0003	0.0001	0.0008	0.0040
142	2035	ALT1	EB	PM	Ramp	0.11	0.16	2.73	0.28	1172	765	0.0082	0.0076	0.0037	0.0002	0.0009	0.0031	0.0008	0.0007	0.0001	0.0007	0.0045
143	2035	ALT1	EB	PM	Ramp	0.18	0.26	5.66	0.63	2087	1375	0.0133	0.0123	0.0059	0.0003	0.0018	0.0058	0.0013	0.0010	0.0001	0.0025	0.0127
144	2035	ALT1	EB	PM	HOV	0.11	0.15	4.05	0.41	1310	851	0.0060	0.0056	0.0035	0.0002	0.0007	0.0027	0.0008	0.0005	0.0001	0.0004	0.0013
145	2035	ALT1	EB	PM	HOV	0.28	0.39	10.69	1.09	3458	2248	0.0158	0.0147	0.0094	0.0005	0.0018	0.0072	0.0021	0.0013	0.0002	0.0011	0.0035
146	2035	ALT1	EB	PM	HOV	0.01	0.02	0.46	0.05	150	97	0.0007	0.0006	0.0004	0.0000	0.0001	0.0003	0.0001	0.0001	0.0000	0.0000	0.0002
147	2035	ALT1	EB	PM	HOV	0.24	0.33	9.04	0.92	2924	1901	0.0134	0.0124	0.0079	0.0004	0.0015	0.0061	0.0018	0.0011	0.0002	0.0010	0.0030
148	2035	ALT1	EB	PM	HOV	0.09	0.12	3.29	0.34	1063	691	0.0049	0.0045	0.0029	0.0002	0.0006	0.0022	0.0007	0.0004	0.0001	0.0004	0.0011
149	2035	ALT1	EB	PM	HOV	0.15	0.21	5.62	0.57	1819	1182	0.0084	0.0078	0.0049	0.0003	0.0010	0.0038	0.0011	0.0007	0.0001	0.0006	0.0019
150	2035	ALT1	EB	PM	HOV	0.21	0.29	7.83	0.80	2536	1648	0.0117	0.0109	0.0069	0.0004	0.0013	0.0053	0.0016	0.0010	0.0001	0.0008	0.0026
151	2035	ALT1	EB	PM	HOV	0.28	0.39	10.58	1.07	3424	2226	0.0159	0.0147	0.0093	0.0005	0.0018	0.0071	0.0021	0.0013	0.0002	0.0011	0.0035
152	2035	ALT1	EB	PM	HOV	0.22	0.31	8.39	0.85	2716	1765	0.0126	0.0117	0.0073	0.0004	0.0014	0.0056	0.0017	0.0010	0.0002	0.0009	0.0028
153	2035	ALT1	EB	PM	HOV	0.08	0.11	2.99	0.31	976	634	0.0044	0.0041	0.0027	0.0001	0.0005	0.0021	0.0006	0.0004	0.0001	0.0003	0.0010
154	2035	ALT1	EB	PM	HOV	0.16	0.21	5.71	0.60	1867	1213	0.0084	0.0078	0.0051	0.0003	0.0010	0.0039	0.0012	0.0007	0.0001	0.0006	0.0018
155	2035	ALT1	EB	PM	HOV	0.12	0.16	4.24	0.44	1387	902	0.0062	0.0058	0.0038	0.0002	0.0007	0.0029	0.0009	0.0005	0.0001	0.0005	0.0014
156	2035	ALT1	EB	PM	HOV	0.09	0.13	3.34	0.35	1091	709	0.0049	0.0045	0.0030	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0011
157	2035	ALT1	EB	PM	HOV	0.16	0.22	5.88	0.61	1920	1248	0.0086	0.0080	0.0053	0.0003	0.0010	0.0040	0.0012	0.0007	0.0001	0.0007	0.0019
158	2035	ALT1	EB	PM	HOV	0.19	0.25	6.77	0.71	2212	1438	0.0099	0.0092	0.0061	0.0003	0.0012	0.0047	0.0014	0.0008	0.0001	0.0008	0.0022
159	2035	ALT1	EB	PM	HOV	0.18	0.26	5.76	0.56	2121	1378	0.0123	0.0115	0.0061	0.0003	0.0011	0.0046	0.0014	0.0010	0.0001	0.0006	0.0024
160	2035	ALT1	EB	PM	HOV	0.33	0.49	10.74	1.04	3955	2570	0.0230	0.0213	0.0113	0.0006	0.0021	0.0085	0.0025	0.0019	0.0003	0.0011	0.0044
161	2035	ALT1	EB	PM	HOV																	
162	2035	ALT1	EB	PM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
163	2035	ALT1	EB	PM	HOV																	
164	2035	ALT1	EB	PM	HOV																	
165	2035	ALT1	EB	PM	HOV																	
166	2035	ALT1	EB	PM	HOV																	
167	2035	ALT1	EB	PM	HOV																	
168	2035	ALT1	EB	PM	HOV																	
169	2035	ALT1	EB	PM	HOV																	
170	2035	ALT1	EB	PM	HOV																	
171	2035	ALT1	EB	PM	HOV																	
172	2035	ALT1	EB	PM	HOV																	
173	2035	ALT1	EB	PM	HOV																	
174	2035	ALT1	EB	PM	HOV																	
175	2035	ALT1	EB	PM	HOV																	
176	2035	ALT1	EB	PM	HOV																	
177	2035	ALT1	EB	PM	HOV																	
178	2035	ALT1	EB	PM	HOV																	
179	2035	ALT1	EB	PM	HOV																	
180	2035	ALT1	EB	PM	HOV																	
181	2035	ALT1	EB	PM	HOV																	
182	2035	ALT1	EB	PM	HOV																	
183	2035	ALT1	EB	PM	HOV																	
184	2035	ALT1	EB	PM	HOV																	
185	2035	ALT1	EB	PM	HOV																	
186	2035	ALT1	EB	PM	HOV																	
187	2035	ALT1	EB	PM	HOV																	
188	2035	ALT1	EB	PM	HOV																	
189	2035	ALT1	EB	PM	HOV																	
190	2035	ALT1	EB	PM	HOV																	
191	2035	ALT1	EB	PM	HOV																	
192	2035	ALT1	EB	PM	HOV																	
193	2035	ALT1	EB	PM	HOV																	
194	2035	ALT1	EB	PM	HOV																	
195	2035	ALT1	EB	PM	HOV																	
196	2035	ALT1	EB	PM	HOV																	
197	2035	ALT1	EB	PM	HOV																	
198	2035	ALT1	EB	PM	HOV																	
199	2035	ALT1	EB	PM	HOV																	
200	2035	ALT1	EB	PM	HOV																	
201	2035	ALT1	EB	PM	HOV																	
202	2035	ALT1	EB	PM	HOV																	
203	2035	ALT1	EB	PM	HOV																	
204	2035	ALT1	EB	PM	HOV																	
205	2035	ALT1	EB	PM	HOV																	
206	2035	ALT1	EB	PM	HOV																	
207	2035	ALT1	EB	PM	HOV																	
208	2035	ALT1	EB	PM	HOV																	
209	2035	ALT1	EB	PM	HOV																	
210	2035	ALT1	EB	PM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
211	2035	ALT1	EB	PM	HOV																	
212	2035	ALT1	EB	PM	HOV																	
213	2035	ALT1	EB	PM	HOV																	
214	2035	ALT1	EB	PM	HOV																	
215	2035	ALT1	EB	PM	HOV																	
1	2035	ALT1	EB	NT	Mainline	1.13	1.39	19.73	10.04	12973	10312	0.4374	0.4026	0.0313	0.0010	0.0484	0.1039	0.0055	0.0024	0.0020	0.4161	0.6112
2	2035	ALT1	EB	NT	Mainline	2.91	3.55	50.03	26.36	33502	26756	1.1589	1.0666	0.0799	0.0026	0.1275	0.2728	0.0140	0.0061	0.0054	1.1059	1.6161
3	2035	ALT1	EB	NT	Mainline	0.13	0.16	2.27	1.16	1497	1190	0.0514	0.0473	0.0036	0.0001	0.0055	0.0119	0.0006	0.0003	0.0002	0.0489	0.0697
4	2035	ALT1	EB	NT	Mainline	2.41	2.93	40.95	22.25	27870	22352	0.9856	0.9071	0.0659	0.0021	0.1079	0.2302	0.0115	0.0050	0.0046	0.9430	1.3727
5	2035	ALT1	EB	NT	Mainline	0.94	1.14	16.21	8.24	10667	8471	0.3649	0.3358	0.0259	0.0009	0.0393	0.0846	0.0046	0.0020	0.0017	0.3472	0.4948
6	2035	ALT1	EB	NT	Mainline	1.44	1.75	24.21	13.41	16653	13387	0.6010	0.5531	0.0392	0.0012	0.0649	0.1382	0.0068	0.0029	0.0028	0.5760	0.8261
7	2035	ALT1	EB	NT	Mainline	2.11	2.58	36.62	18.86	24233	19294	0.8238	0.7582	0.0582	0.0019	0.0911	0.1953	0.0103	0.0045	0.0039	0.7846	1.1518
8	2035	ALT1	EB	NT	Mainline	2.64	3.21	44.05	25.13	30779	24850	1.1260	1.0363	0.0716	0.0022	0.1225	0.2601	0.0123	0.0053	0.0052	1.0814	1.5663
9	2035	ALT1	EB	NT	Mainline	2.18	2.66	37.26	20.06	25240	20218	0.8865	0.8158	0.0598	0.0019	0.0972	0.2077	0.0104	0.0045	0.0041	0.8474	1.2362
10	2035	ALT1	EB	NT	Mainline	0.68	0.82	11.11	6.66	7974	6481	0.3015	0.2775	0.0183	0.0005	0.0326	0.0689	0.0031	0.0013	0.0014	0.2907	0.4187
11	2035	ALT1	EB	NT	Mainline	1.37	1.67	23.16	12.78	15890	12771	0.5681	0.5229	0.0374	0.0012	0.0620	0.1322	0.0065	0.0028	0.0026	0.5442	0.7907
12	2035	ALT1	EB	NT	Mainline	0.97	1.18	16.26	9.21	11313	9124	0.4126	0.3797	0.0264	0.0008	0.0448	0.0951	0.0045	0.0020	0.0019	0.3960	0.5717
13	2035	ALT1	EB	NT	Mainline	0.82	1.00	13.85	7.42	9368	7488	0.3366	0.3098	0.0225	0.0007	0.0352	0.0755	0.0040	0.0017	0.0016	0.3219	0.4455
14	2035	ALT1	EB	NT	Mainline	1.28	1.55	20.89	12.55	15007	12193	0.5785	0.5324	0.0345	0.0010	0.0606	0.1284	0.0058	0.0025	0.0026	0.5579	0.7778
15	2035	ALT1	EB	NT	Mainline	1.66	2.02	28.19	15.21	19121	15314	0.6787	0.6246	0.0454	0.0015	0.0733	0.1566	0.0080	0.0034	0.0032	0.6491	0.9300
16	2035	ALT1	EB	NT	Mainline	0.96	1.17	16.41	8.78	11084	8868	0.3910	0.3599	0.0264	0.0008	0.0423	0.0905	0.0046	0.0020	0.0018	0.3737	0.5363
17	2035	ALT1	EB	NT	Mainline	1.66	2.02	28.11	15.59	19342	15560	0.6898	0.6349	0.0453	0.0014	0.0761	0.1619	0.0078	0.0034	0.0032	0.6610	0.9710
18	2035	ALT1	EB	NT	Mainline	1.47	1.81	26.61	11.88	16397	12788	0.5057	0.4655	0.0413	0.0015	0.0559	0.1220	0.0076	0.0033	0.0024	0.4751	0.6917
19	2035	ALT1	EB	NT	Mainline	1.10	1.36	19.91	8.77	12216	9504	0.3769	0.3469	0.0311	0.0011	0.0409	0.0897	0.0058	0.0025	0.0018	0.3536	0.5042
20	2035	ALT1	EB	NT	Mainline	2.40	2.96	43.25	19.65	26894	21024	0.8425	0.7755	0.0675	0.0024	0.0925	0.2017	0.0124	0.0054	0.0040	0.7929	1.1484
21	2035	ALT1	EB	NT	Mainline	0.26	0.32	4.67	2.05	2858	2222	0.0879	0.0809	0.0073	0.0003	0.0095	0.0209	0.0014	0.0006	0.0004	0.0824	0.1174
22	2035	ALT1	EB	NT	Mainline	0.82	1.02	15.96	5.20	8604	6404	0.2066	0.1902	0.0241	0.0010	0.0227	0.0525	0.0048	0.0021	0.0011	0.1858	0.2624
23	2035	ALT1	EB	NT	Mainline	0.86	1.07	16.65	5.57	9056	6767	0.2218	0.2042	0.0251	0.0010	0.0245	0.0563	0.0050	0.0021	0.0011	0.2003	0.2854
24	2035	ALT1	EB	NT	Mainline	0.73	0.92	14.48	4.47	7631	5638	0.1732	0.1595	0.0216	0.0009	0.0193	0.0451	0.0044	0.0019	0.0009	0.1541	0.2203
25	2035	ALT1	EB	NT	Mainline	0.49	0.61	9.65	2.95	5073	3742	0.1144	0.1054	0.0144	0.0006	0.0127	0.0297	0.0029	0.0013	0.0006	0.1016	0.1442
26	2035	ALT1	EB	NT	Mainline	4.32	5.43	85.43	25.26	44488	32641	0.9762	0.8990	0.1284	0.0056	0.1075	0.2539	0.0263	0.0112	0.0051	0.8612	1.2019
27	2035	ALT1	EB	NT	Mainline	3.24	4.07	63.72	18.88	33278	24415	0.7349	0.6767	0.0964	0.0042	0.0802	0.1897	0.0198	0.0084	0.0039	0.6488	0.8952
28	2035	ALT1	EB	NT	Mainline	1.78	2.23	34.75	10.70	18393	13571	0.4214	0.3881	0.0526	0.0023	0.0459	0.1076	0.0107	0.0046	0.0022	0.3750	0.5194
29	2035	ALT1	EB	NT	Mainline	1.16	1.46	22.82	6.80	11950	8775	0.2658	0.2448	0.0346	0.0015	0.0289	0.0684	0.0071	0.0030	0.0014	0.2350	0.3235
30	2035	ALT1	EB	NT	Mainline	2.01	2.52	39.28	11.72	20583	15115	0.4584	0.4221	0.0596	0.0026	0.0499	0.1178	0.0122	0.0052	0.0024	0.4053	0.5572
31	2035	ALT1	EB	NT	Mainline	1.47	1.84	28.76	8.52	15024	11021	0.3320	0.3057	0.0436	0.0019	0.0362	0.0856	0.0090	0.0038	0.0017	0.2931	0.4034
32	2035	ALT1	EB	NT	Mainline	1.62	2.03	31.68	9.75	16765	12370	0.3839	0.3535	0.0480	0.0021	0.0419	0.0981	0.0098	0.0042	0.0020	0.3416	0.4738
33	2035	ALT1	EB	NT	Mainline	1.48	1.86	29.21	8.78	15300	11252	0.3410	0.3140	0.0439	0.0019	0.0375	0.0883	0.0090	0.0038	0.0018	0.3019	0.4219
34	2035	ALT1	EB	NT	Mainline	1.77	2.22	34.70	11.06	18553	13764	0.4363	0.4018	0.0522	0.0022	0.0481	0.1115	0.0106	0.0045	0.0022	0.3907	0.5511
35	2035	ALT1	EB	NT	Mainline	0.94	1.17	18.41	5.58	9677	7125	0.2178	0.2006	0.0278	0.0012	0.0239	0.0561	0.0057	0.0024	0.0011	0.1932	0.2693
36	2035	ALT1	EB	NT	Mainline	1.12	1.41	22.05	6.69	11592	8536	0.2609	0.2403	0.0332	0.0014	0.0286	0.0672	0.0068	0.0029	0.0014	0.2314	0.3226
37	2035	ALT1	EB	NT	Mainline	1.51	1.90	29.70	9.00	15614	11497	0.3514	0.3236	0.0448	0.0020	0.0386	0.0906	0.0091	0.0039	0.0018	0.3117	0.4345
38	2035	ALT1	EB	NT	Mainline	2.17	2.72	42.38	13.60	22741	16886	0.5397	0.4969	0.0640	0.0027	0.0592	0.1371	0.0129	0.0055	0.0028	0.4840	0.6790
39	2035	ALT1	EB	NT	Mainline	2.15	2.69	41.89	13.12	22313	16504	0.5196	0.4785	0.0635	0.0027	0.0566	0.1320	0.0129	0.0055	0.0027	0.4640	0.6433
40	2035	ALT1	EB	NT	Mainline	1.46	1.83	28.19	9.09	15200	11287	0.3648	0.3359	0.0430	0.0018	0.0394	0.0915	0.0087	0.0037	0.0019	0.3275	0.4510
41	2035	ALT1	EB	NT	Mainline	0.55	0.69	10.72	3.32	5683	4196	0.1307	0.1204	0.0162	0.0007	0.0143	0.0334	0.0033	0.0014	0.0007	0.1164	0.1615
42	2035	ALT1	EB	NT	Mainline	1.68	2.11	32.77	10.57	17621	13094	0.4202	0.3869	0.0496	0.0021	0.0460	0.1066	0.0100	0.0043	0.0022	0.3772	0.5291
43	2035	ALT1	EB	NT	Mainline	0.70	0.88	13.73	4.29	7309	5405	0.1700	0.1565	0.0208	0.0009	0.0185	0.0432	0.0042	0.0018	0.0009	0.1517	0.2104

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
44	2035	ALT1	EB	NT	Mainline	1.11	1.40	21.71	6.79	11556	8546	0.2688	0.2475	0.0329	0.0014	0.0293	0.0683	0.0067	0.0028	0.0014	0.2399	0.3326
45	2035	ALT1	EB	NT	Mainline	0.47	0.59	9.14	2.90	4895	3628	0.1156	0.1065	0.0139	0.0006	0.0126	0.0292	0.0028	0.0012	0.0006	0.1035	0.1433
46	2035	ALT1	EB	NT	Mainline	1.28	1.61	24.86	8.16	13467	10031	0.3269	0.3010	0.0377	0.0016	0.0357	0.0823	0.0076	0.0032	0.0017	0.2944	0.4116
47	2035	ALT1	EB	NT	Mainline	0.07	0.09	1.37	0.44	739	549	0.0177	0.0163	0.0021	0.0001	0.0019	0.0044	0.0004	0.0002	0.0001	0.0158	0.0219
48	2035	ALT1	EB	NT	Mainline	1.46	1.83	28.14	9.30	15316	11416	0.3762	0.3464	0.0430	0.0018	0.0406	0.0937	0.0086	0.0037	0.0019	0.3394	0.4683
49	2035	ALT1	EB	NT	Mainline	0.12	0.15	2.32	0.75	1253	931	0.0301	0.0278	0.0035	0.0002	0.0033	0.0076	0.0007	0.0003	0.0002	0.0271	0.0377
50	2035	ALT1	EB	NT	Mainline	2.11	2.63	40.73	13.57	22176	16556	0.5449	0.5017	0.0618	0.0026	0.0595	0.1370	0.0124	0.0053	0.0028	0.4920	0.6904
51	2035	ALT1	EB	NT	Mainline	0.36	0.45	7.12	2.11	3706	2721	0.0812	0.0748	0.0106	0.0005	0.0090	0.0213	0.0022	0.0009	0.0004	0.0717	0.1013
52	2035	ALT1	EB	NT	Mainline	0.54	0.68	10.85	3.11	5569	4069	0.1177	0.1084	0.0161	0.0007	0.0131	0.0312	0.0033	0.0014	0.0006	0.1030	0.1457
53	2035	ALT1	EB	NT	Mainline	0.41	0.51	8.12	2.39	4203	3084	0.0911	0.0839	0.0120	0.0005	0.0102	0.0240	0.0025	0.0011	0.0005	0.0802	0.1146
54	2035	ALT1	EB	NT	Mainline	2.28	2.87	46.40	13.72	23918	17574	0.5143	0.4736	0.0677	0.0029	0.0589	0.1380	0.0138	0.0060	0.0027	0.4529	0.6660
55	2035	ALT1	EB	NT	Mainline	1.09	1.37	21.95	6.35	11280	8256	0.2396	0.2206	0.0324	0.0014	0.0270	0.0638	0.0067	0.0029	0.0013	0.2101	0.3012
56	2035	ALT1	EB	NT	Mainline	1.39	1.74	27.93	8.42	14525	10700	0.3195	0.2942	0.0410	0.0018	0.0363	0.0848	0.0083	0.0036	0.0017	0.2826	0.4123
57	2035	ALT1	EB	NT	Mainline	0.77	0.97	15.21	4.46	7911	5795	0.1726	0.1589	0.0230	0.0010	0.0189	0.0448	0.0047	0.0020	0.0009	0.1520	0.2102
58	2035	ALT1	EB	NT	Mainline	2.69	3.38	53.05	15.96	27805	20452	0.6209	0.5718	0.0799	0.0035	0.0682	0.1605	0.0163	0.0070	0.0032	0.5498	0.7675
59	2035	ALT1	EB	NT	Mainline	0.69	0.86	13.58	3.89	7002	5113	0.1493	0.1375	0.0205	0.0009	0.0164	0.0391	0.0042	0.0018	0.0008	0.1308	0.1810
60	2035	ALT1	EB	NT	Mainline	2.93	3.68	58.22	16.83	30055	21980	0.6439	0.5930	0.0872	0.0039	0.0712	0.1690	0.0180	0.0077	0.0034	0.5651	0.7902
61	2035	ALT1	EB	NT	Mainline	0.64	0.81	12.75	3.60	6539	4765	0.1373	0.1264	0.0192	0.0009	0.0151	0.0361	0.0040	0.0017	0.0007	0.1198	0.1657
62	2035	ALT1	EB	NT	Mainline	1.31	1.64	25.72	7.53	13377	9796	0.2919	0.2688	0.0389	0.0017	0.0319	0.0756	0.0080	0.0034	0.0015	0.2570	0.3540
63	2035	ALT1	EB	NT	Mainline	0.53	0.66	10.30	3.17	5453	4024	0.1251	0.1152	0.0156	0.0007	0.0136	0.0319	0.0032	0.0014	0.0006	0.1113	0.1543
64	2035	ALT1	EB	NT	Mainline	1.70	2.13	33.19	10.70	17834	13252	0.4247	0.3911	0.0501	0.0021	0.0466	0.1079	0.0101	0.0043	0.0022	0.3812	0.5359
65	2035	ALT1	EB	NT	Mainline	0.56	0.70	10.96	3.38	5788	4275	0.1320	0.1216	0.0164	0.0007	0.0146	0.0341	0.0033	0.0014	0.0007	0.1175	0.1659
66	2035	ALT1	EB	NT	Mainline	0.17	0.22	3.35	1.07	1795	1332	0.0424	0.0390	0.0051	0.0002	0.0046	0.0108	0.0010	0.0004	0.0002	0.0380	0.0533
67	2035	ALT1	EB	NT	Mainline	1.30	1.63	25.23	8.57	13818	10348	0.3440	0.3168	0.0381	0.0016	0.0378	0.0866	0.0076	0.0033	0.0017	0.3116	0.4419
68	2035	ALT1	EB	NT	Mainline	0.95	1.19	18.41	6.05	9977	7432	0.2424	0.2232	0.0279	0.0012	0.0264	0.0610	0.0056	0.0024	0.0012	0.2183	0.3050
69	2035	ALT1	EB	NT	Mainline	2.23	2.78	42.48	15.32	23872	18030	0.6286	0.5787	0.0649	0.0026	0.0685	0.1551	0.0128	0.0055	0.0031	0.5748	0.8102
70	2035	ALT1	EB	NT	Mainline	1.35	1.68	25.47	8.96	14227	10699	0.3711	0.3416	0.0393	0.0016	0.0396	0.0904	0.0078	0.0033	0.0019	0.3383	0.4634
71	2035	ALT1	EB	NT	Mainline	1.50	1.85	26.62	12.20	16682	13036	0.5398	0.4969	0.0424	0.0015	0.0565	0.1235	0.0079	0.0034	0.0026	0.5090	0.6971
72	2035	ALT1	EB	NT	Mainline	1.44	1.78	25.92	11.20	15818	12253	0.4914	0.4523	0.0411	0.0015	0.0512	0.1131	0.0078	0.0033	0.0024	0.4604	0.6253
73	2035	ALT1	EB	NT	Ramp	0.03	0.04	0.76	0.12	299	205	0.0025	0.0023	0.0008	0.0000	0.0006	0.0014	0.0002	0.0001	0.0000	0.0012	0.0060
74	2035	ALT1	EB	NT	Ramp	0.03	0.04	0.56	0.11	265	184	0.0026	0.0024	0.0008	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0013	0.0087
75	2035	ALT1	EB	NT	Ramp	0.03	0.05	0.92	0.15	374	258	0.0033	0.0030	0.0011	0.0000	0.0008	0.0019	0.0002	0.0002	0.0000	0.0016	0.0085
76	2035	ALT1	EB	NT	Ramp	0.07	0.11	1.57	0.25	731	497	0.0065	0.0060	0.0024	0.0001	0.0017	0.0041	0.0005	0.0004	0.0001	0.0023	0.0187
77	2035	ALT1	EB	NT	Ramp	0.05	0.07	1.32	0.20	532	362	0.0044	0.0040	0.0015	0.0001	0.0009	0.0024	0.0003	0.0002	0.0000	0.0018	0.0099
78	2035	ALT1	EB	NT	Ramp	0.06	0.08	1.19	0.21	568	389	0.0053	0.0049	0.0019	0.0001	0.0015	0.0037	0.0004	0.0003	0.0000	0.0021	0.0178
79	2035	ALT1	EB	NT	Ramp	0.07	0.10	1.75	0.28	745	509	0.0065	0.0060	0.0022	0.0001	0.0014	0.0036	0.0005	0.0003	0.0001	0.0027	0.0154
80	2035	ALT1	EB	NT	Ramp	0.12	0.16	2.46	0.40	1138	776	0.0102	0.0095	0.0037	0.0002	0.0026	0.0064	0.0007	0.0006	0.0001	0.0038	0.0291
81	2035	ALT1	EB	NT	Ramp	0.11	0.15	2.90	0.52	1177	819	0.0110	0.0101	0.0033	0.0001	0.0027	0.0064	0.0007	0.0004	0.0001	0.0060	0.0306
82	2035	ALT1	EB	NT	Ramp	0.09	0.12	2.05	0.31	910	615	0.0077	0.0071	0.0028	0.0001	0.0016	0.0042	0.0006	0.0005	0.0001	0.0026	0.0168
83	2035	ALT1	EB	NT	Ramp	0.02	0.03	0.49	0.16	251	190	0.0036	0.0033	0.0007	0.0000	0.0011	0.0024	0.0001	0.0001	0.0000	0.0028	0.0144
84	2035	ALT1	EB	NT	Ramp	0.03	0.04	0.94	0.14	354	240	0.0028	0.0026	0.0010	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0012	0.0059
85	2035	ALT1	EB	NT	Ramp	0.12	0.16	3.31	0.68	1359	966	0.0146	0.0135	0.0037	0.0002	0.0037	0.0084	0.0007	0.0004	0.0001	0.0097	0.0437
86	2035	ALT1	EB	NT	Ramp	0.14	0.19	3.22	0.80	1487	1077	0.0175	0.0161	0.0042	0.0002	0.0051	0.0114	0.0008	0.0005	0.0001	0.0119	0.0631
87	2035	ALT1	EB	NT	Ramp	0.05	0.07	1.01	0.19	478	331	0.0047	0.0043	0.0015	0.0001	0.0013	0.0031	0.0003	0.0002	0.0000	0.0021	0.0155
88	2035	ALT1	EB	NT	Ramp	0.05	0.06	0.90	0.29	453	340	0.0064	0.0059	0.0013	0.0000	0.0020	0.0043	0.0002	0.0001	0.0000	0.0050	0.0254
89	2035	ALT1	EB	NT	Ramp	0.02	0.03	0.46	0.10	227	160	0.0024	0.0022	0.0007	0.0000	0.0008	0.0017	0.0001	0.0001	0.0000	0.0013	0.0091
90	2035	ALT1	EB	NT	Ramp	0.07	0.10	1.17	0.36	640	471	0.0082	0.0076	0.0021	0.0001	0.0032	0.0069	0.0004	0.0002	0.0001	0.0055	0.0406
91	2035	ALT1	EB	NT	Ramp	0.07	0.09	1.45	0.41	698	515	0.0091	0.0084	0.0020	0.0001	0.0028	0.0060	0.0004	0.0002	0.0001	0.0067	0.0347

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
92	2035	ALT1	EB	NT	Ramp	0.10	0.14	1.68	0.41	875	624	0.0098	0.0091	0.0031	0.0001	0.0039	0.0086	0.0006	0.0004	0.0001	0.0055	0.0490
93	2035	ALT1	EB	NT	Ramp	2.87	3.40	27.17	25.16	25511	21810	0.6019	0.5539	0.0700	0.0008	0.2050	0.4160	0.0086	0.0028	0.0028	0.5787	2.7572
94	2035	ALT1	EB	NT	Ramp	0.29	0.38	6.58	1.76	3035	2231	0.0388	0.0358	0.0083	0.0003	0.0111	0.0244	0.0015	0.0009	0.0002	0.0289	0.1395
95	2035	ALT1	EB	NT	Ramp	0.06	0.09	1.70	0.33	699	491	0.0069	0.0064	0.0019	0.0001	0.0018	0.0041	0.0004	0.0002	0.0001	0.0041	0.0205
96	2035	ALT1	EB	NT	Ramp	0.07	0.09	1.99	0.36	775	542	0.0075	0.0069	0.0021	0.0001	0.0017	0.0041	0.0004	0.0003	0.0001	0.0047	0.0200
97	2035	ALT1	EB	NT	Ramp	0.04	0.05	0.48	0.34	374	311	0.0078	0.0072	0.0011	0.0000	0.0028	0.0056	0.0001	0.0001	0.0000	0.0073	0.0368
98	2035	ALT1	EB	NT	Ramp	0.04	0.05	0.77	0.25	388	291	0.0055	0.0050	0.0011	0.0000	0.0017	0.0036	0.0002	0.0001	0.0000	0.0043	0.0215
99	2035	ALT1	EB	NT	Ramp	0.11	0.14	2.73	0.62	1169	842	0.0135	0.0125	0.0032	0.0001	0.0036	0.0080	0.0006	0.0004	0.0001	0.0095	0.0433
100	2035	ALT1	EB	NT	Ramp	0.10	0.13	2.51	0.52	1060	752	0.0111	0.0103	0.0029	0.0001	0.0029	0.0068	0.0006	0.0004	0.0001	0.0070	0.0352
101	2035	ALT1	EB	NT	Ramp	0.03	0.04	0.76	0.21	348	258	0.0047	0.0044	0.0009	0.0000	0.0013	0.0028	0.0002	0.0001	0.0000	0.0037	0.0160
102	2035	ALT1	EB	NT	Ramp	0.03	0.04	0.76	0.17	325	233	0.0036	0.0033	0.0009	0.0000	0.0010	0.0022	0.0002	0.0001	0.0000	0.0024	0.0117
103	2035	ALT1	EB	NT	Ramp	0.02	0.03	0.73	0.11	271	185	0.0022	0.0021	0.0007	0.0000	0.0005	0.0012	0.0002	0.0001	0.0000	0.0012	0.0050
104	2035	ALT1	EB	NT	Ramp	0.06	0.08	1.30	0.22	589	403	0.0053	0.0049	0.0018	0.0001	0.0012	0.0030	0.0004	0.0003	0.0000	0.0021	0.0133
105	2035	ALT1	EB	NT	Ramp	0.04	0.05	1.11	0.19	442	305	0.0040	0.0037	0.0012	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0021	0.0104
106	2035	ALT1	EB	NT	Ramp	0.01	0.01	0.21	0.03	93	62	0.0008	0.0007	0.0003	0.0000	0.0002	0.0004	0.0001	0.0000	0.0000	0.0002	0.0016
107	2035	ALT1	EB	NT	Ramp	0.09	0.12	2.21	0.42	934	654	0.0091	0.0084	0.0027	0.0001	0.0023	0.0055	0.0005	0.0004	0.0001	0.0051	0.0270
108	2035	ALT1	EB	NT	Ramp	0.07	0.10	1.63	0.23	719	483	0.0059	0.0055	0.0022	0.0001	0.0012	0.0031	0.0005	0.0004	0.0001	0.0017	0.0117
109	2035	ALT1	EB	NT	Ramp	0.06	0.09	1.75	0.32	714	497	0.0067	0.0062	0.0020	0.0001	0.0016	0.0039	0.0004	0.0003	0.0001	0.0037	0.0189
110	2035	ALT1	EB	NT	Ramp	0.06	0.09	1.46	0.24	656	449	0.0059	0.0055	0.0020	0.0001	0.0013	0.0034	0.0004	0.0003	0.0001	0.0024	0.0147
111	2035	ALT1	EB	NT	Ramp	0.02	0.03	0.55	0.11	219	155	0.0022	0.0021	0.0006	0.0000	0.0005	0.0012	0.0001	0.0001	0.0000	0.0014	0.0062
112	2035	ALT1	EB	NT	Ramp	0.10	0.14	2.16	0.39	998	688	0.0094	0.0087	0.0031	0.0001	0.0024	0.0057	0.0006	0.0005	0.0001	0.0042	0.0268
113	2035	ALT1	EB	NT	Ramp	0.05	0.07	1.47	0.21	568	384	0.0044	0.0041	0.0016	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0018	0.0092
114	2035	ALT1	EB	NT	Ramp	0.06	0.09	1.46	0.22	650	439	0.0055	0.0051	0.0020	0.0001	0.0012	0.0030	0.0004	0.0003	0.0001	0.0018	0.0121
115	2035	ALT1	EB	NT	Ramp																	
116	2035	ALT1	EB	NT	Ramp	0.02	0.03	0.48	0.06	206	137	0.0016	0.0015	0.0006	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0004	0.0023
117	2035	ALT1	EB	NT	Ramp	0.04	0.06	1.15	0.21	478	333	0.0045	0.0042	0.0013	0.0001	0.0011	0.0027	0.0003	0.0002	0.0000	0.0025	0.0131
118	2035	ALT1	EB	NT	Ramp	0.03	0.04	0.69	0.10	303	204	0.0025	0.0023	0.0009	0.0000	0.0005	0.0013	0.0002	0.0002	0.0000	0.0008	0.0048
119	2035	ALT1	EB	NT	Ramp	0.04	0.06	1.29	0.19	499	340	0.0040	0.0037	0.0014	0.0001	0.0008	0.0022	0.0003	0.0002	0.0000	0.0017	0.0088
120	2035	ALT1	EB	NT	Ramp	0.03	0.04	0.61	0.09	266	180	0.0022	0.0021	0.0008	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0008	0.0046
121	2035	ALT1	EB	NT	Ramp	0.05	0.06	1.18	0.27	505	366	0.0061	0.0056	0.0013	0.0001	0.0016	0.0035	0.0003	0.0001	0.0000	0.0044	0.0190
122	2035	ALT1	EB	NT	Ramp	0.83	1.11	21.92	4.66	9159	6538	0.1003	0.0925	0.0249	0.0010	0.0258	0.0589	0.0048	0.0030	0.0007	0.0677	0.3102
123	2035	ALT1	EB	NT	Ramp	0.65	0.86	16.34	3.84	7083	5126	0.0842	0.0777	0.0192	0.0007	0.0224	0.0501	0.0036	0.0022	0.0006	0.0605	0.2745
124	2035	ALT1	EB	NT	Ramp	0.05	0.07	1.13	0.23	533	374	0.0055	0.0051	0.0016	0.0001	0.0015	0.0034	0.0003	0.0002	0.0000	0.0029	0.0173
125	2035	ALT1	EB	NT	Ramp	0.00	0.01	0.10	0.03	46	33	0.0006	0.0005	0.0001	0.0000	0.0002	0.0004	0.0000	0.0000	0.0000	0.0004	0.0021
126	2035	ALT1	EB	NT	Ramp	0.03	0.05	0.72	0.12	332	227	0.0030	0.0028	0.0011	0.0000	0.0008	0.0019	0.0002	0.0002	0.0000	0.0012	0.0087
127	2035	ALT1	EB	NT	Ramp	0.12	0.17	2.85	0.52	1279	884	0.0121	0.0112	0.0038	0.0002	0.0029	0.0071	0.0008	0.0006	0.0001	0.0057	0.0329
128	2035	ALT1	EB	NT	Ramp	0.01	0.02	0.38	0.04	160	105	0.0011	0.0011	0.0005	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0002	0.0010
129	2035	ALT1	EB	NT	Ramp	0.07	0.10	1.98	0.38	807	568	0.0081	0.0075	0.0022	0.0001	0.0020	0.0047	0.0004	0.0003	0.0001	0.0050	0.0239
130	2035	ALT1	EB	NT	Ramp	0.06	0.08	1.82	0.26	683	462	0.0052	0.0048	0.0019	0.0001	0.0010	0.0027	0.0004	0.0003	0.0000	0.0021	0.0106
131	2035	ALT1	EB	NT	Ramp	0.10	0.13	2.35	0.56	1028	744	0.0122	0.0113	0.0028	0.0001	0.0033	0.0074	0.0005	0.0003	0.0001	0.0087	0.0406
132	2035	ALT1	EB	NT	Ramp	0.05	0.06	1.43	0.19	528	355	0.0038	0.0035	0.0015	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0014	0.0069
133	2035	ALT1	EB	NT	Ramp	0.13	0.17	3.58	0.62	1417	984	0.0130	0.0120	0.0039	0.0002	0.0031	0.0074	0.0008	0.0005	0.0001	0.0072	0.0352
134	2035	ALT1	EB	NT	Ramp	0.25	0.34	7.16	1.17	2786	1918	0.0241	0.0223	0.0077	0.0003	0.0055	0.0135	0.0016	0.0011	0.0002	0.0123	0.0607
135	2035	ALT1	EB	NT	Ramp	0.10	0.13	2.60	0.50	1057	742	0.0104	0.0096	0.0029	0.0001	0.0026	0.0061	0.0006	0.0004	0.0001	0.0063	0.0306
136	2035	ALT1	EB	NT	Ramp	0.02	0.03	0.58	0.07	253	168	0.0020	0.0018	0.0008	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0005	0.0032
137	2035	ALT1	EB	NT	Ramp	0.73	0.94	13.51	4.96	7249	5549	0.1110	0.1022	0.0202	0.0006	0.0355	0.0752	0.0034	0.0019	0.0006	0.0912	0.4585
138	2035	ALT1	EB	NT	Ramp	0.03	0.05	0.87	0.14	363	249	0.0032	0.0029	0.0011	0.0000	0.0007	0.0018	0.0002	0.0002	0.0000	0.0014	0.0078
139	2035	ALT1	EB	NT	Ramp	0.05	0.08	1.30	0.18	572	382	0.0046	0.0042	0.0018	0.0001	0.0009	0.0023	0.0004	0.0003	0.0000	0.0012	0.0083

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
140	2035	ALT1	EB	NT	Ramp	0.11	0.16	3.13	0.43	1270	854	0.0099	0.0091	0.0037	0.0002	0.0018	0.0050	0.0008	0.0006	0.0001	0.0032	0.0179
141	2035	ALT1	EB	NT	Ramp	0.02	0.03	0.58	0.07	210	139	0.0014	0.0013	0.0006	0.0000	0.0002	0.0007	0.0001	0.0001	0.0000	0.0004	0.0018
142	2035	ALT1	EB	NT	Ramp	0.04	0.05	1.20	0.15	422	281	0.0028	0.0026	0.0011	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0009	0.0042
143	2035	ALT1	EB	NT	Ramp	0.04	0.05	1.27	0.15	454	301	0.0029	0.0027	0.0012	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0008	0.0039
144	2035	ALT1	EB	NT	HOV	0.09	0.12	2.27	0.26	879	572	0.0038	0.0035	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0004	0.0007
145	2035	ALT1	EB	NT	HOV	0.24	0.31	6.00	0.70	2322	1510	0.0099	0.0092	0.0077	0.0004	0.0015	0.0059	0.0018	0.0008	0.0001	0.0010	0.0017
146	2035	ALT1	EB	NT	HOV	0.01	0.01	0.26	0.03	101	65	0.0004	0.0004	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
147	2035	ALT1	EB	NT	HOV	0.20	0.26	5.07	0.59	1964	1277	0.0084	0.0078	0.0065	0.0004	0.0013	0.0050	0.0015	0.0007	0.0001	0.0008	0.0015
148	2035	ALT1	EB	NT	HOV	0.07	0.10	1.84	0.21	714	464	0.0030	0.0028	0.0024	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
149	2035	ALT1	EB	NT	HOV	0.13	0.17	3.28	0.38	1264	822	0.0054	0.0050	0.0042	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0010
150	2035	ALT1	EB	NT	HOV	0.18	0.24	4.58	0.53	1763	1146	0.0075	0.0070	0.0058	0.0003	0.0011	0.0045	0.0013	0.0006	0.0001	0.0007	0.0013
151	2035	ALT1	EB	NT	HOV	0.24	0.32	6.18	0.72	2380	1547	0.0102	0.0094	0.0078	0.0004	0.0016	0.0060	0.0018	0.0008	0.0001	0.0010	0.0018
152	2035	ALT1	EB	NT	HOV	0.19	0.25	4.90	0.57	1888	1228	0.0081	0.0075	0.0062	0.0003	0.0012	0.0048	0.0014	0.0006	0.0001	0.0008	0.0014
153	2035	ALT1	EB	NT	HOV	0.09	0.12	2.18	0.25	848	552	0.0036	0.0034	0.0028	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0003	0.0006
154	2035	ALT1	EB	NT	HOV	0.17	0.22	4.18	0.49	1624	1056	0.0069	0.0064	0.0054	0.0003	0.0011	0.0042	0.0012	0.0006	0.0001	0.0007	0.0012
155	2035	ALT1	EB	NT	HOV	0.13	0.16	3.10	0.36	1206	784	0.0052	0.0048	0.0040	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0009
156	2035	ALT1	EB	NT	HOV	0.10	0.13	2.44	0.28	949	617	0.0041	0.0038	0.0032	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0007
157	2035	ALT1	EB	NT	HOV	0.17	0.23	4.30	0.50	1670	1086	0.0071	0.0066	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0012
158	2035	ALT1	EB	NT	HOV	0.20	0.26	4.95	0.58	1925	1252	0.0082	0.0076	0.0064	0.0003	0.0013	0.0049	0.0015	0.0007	0.0001	0.0008	0.0014
159	2035	ALT1	EB	NT	HOV	0.11	0.15	3.13	0.36	1146	745	0.0049	0.0045	0.0036	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0005	0.0009
160	2035	ALT1	EB	NT	HOV	0.21	0.27	5.83	0.67	2136	1389	0.0091	0.0084	0.0066	0.0004	0.0013	0.0051	0.0015	0.0007	0.0001	0.0009	0.0017
161	2035	ALT1	EB	NT	HOV																	
162	2035	ALT1	EB	NT	HOV																	
163	2035	ALT1	EB	NT	HOV																	
164	2035	ALT1	EB	NT	HOV																	
165	2035	ALT1	EB	NT	HOV																	
166	2035	ALT1	EB	NT	HOV																	
167	2035	ALT1	EB	NT	HOV																	
168	2035	ALT1	EB	NT	HOV																	
169	2035	ALT1	EB	NT	HOV																	
170	2035	ALT1	EB	NT	HOV																	
171	2035	ALT1	EB	NT	HOV																	
172	2035	ALT1	EB	NT	HOV																	
173	2035	ALT1	EB	NT	HOV																	
174	2035	ALT1	EB	NT	HOV																	
175	2035	ALT1	EB	NT	HOV																	
176	2035	ALT1	EB	NT	HOV																	
177	2035	ALT1	EB	NT	HOV																	
178	2035	ALT1	EB	NT	HOV																	
179	2035	ALT1	EB	NT	HOV																	
180	2035	ALT1	EB	NT	HOV																	
181	2035	ALT1	EB	NT	HOV																	
182	2035	ALT1	EB	NT	HOV																	
183	2035	ALT1	EB	NT	HOV																	
184	2035	ALT1	EB	NT	HOV																	
185	2035	ALT1	EB	NT	HOV																	
186	2035	ALT1	EB	NT	HOV																	
187	2035	ALT1	EB	NT	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
188	2035	ALT1	EB	NT	HOV																	
189	2035	ALT1	EB	NT	HOV																	
190	2035	ALT1	EB	NT	HOV																	
191	2035	ALT1	EB	NT	HOV																	
192	2035	ALT1	EB	NT	HOV																	
193	2035	ALT1	EB	NT	HOV																	
194	2035	ALT1	EB	NT	HOV																	
195	2035	ALT1	EB	NT	HOV																	
196	2035	ALT1	EB	NT	HOV																	
197	2035	ALT1	EB	NT	HOV																	
198	2035	ALT1	EB	NT	HOV																	
199	2035	ALT1	EB	NT	HOV																	
200	2035	ALT1	EB	NT	HOV																	
201	2035	ALT1	EB	NT	HOV																	
202	2035	ALT1	EB	NT	HOV																	
203	2035	ALT1	EB	NT	HOV																	
204	2035	ALT1	EB	NT	HOV																	
205	2035	ALT1	EB	NT	HOV																	
206	2035	ALT1	EB	NT	HOV																	
207	2035	ALT1	EB	NT	HOV																	
208	2035	ALT1	EB	NT	HOV																	
209	2035	ALT1	EB	NT	HOV																	
210	2035	ALT1	EB	NT	HOV																	
211	2035	ALT1	EB	NT	HOV																	
212	2035	ALT1	EB	NT	HOV																	
213	2035	ALT1	EB	NT	HOV																	
214	2035	ALT1	EB	NT	HOV																	
215	2035	ALT1	EB	NT	HOV																	
216	2035	ALT1	WB	AM	Mainline	0.89	1.16	23.82	4.22	9672	6662	0.1039	0.0958	0.0276	0.0013	0.0147	0.0388	0.0060	0.0029	0.0007	0.0722	0.1406
217	2035	ALT1	WB	AM	Mainline	1.55	2.02	42.19	7.63	17098	11830	0.1887	0.1740	0.0480	0.0023	0.0276	0.0711	0.0103	0.0051	0.0013	0.1334	0.2722
218	2035	ALT1	WB	AM	Mainline	1.13	1.49	33.77	5.52	12840	8806	0.1208	0.1115	0.0351	0.0017	0.0194	0.0507	0.0075	0.0039	0.0009	0.0773	0.1899
219	2035	ALT1	WB	AM	Mainline	1.89	2.58	58.34	9.07	21833	14965	0.1821	0.1682	0.0592	0.0027	0.0390	0.0976	0.0124	0.0079	0.0015	0.0935	0.4181
220	2035	ALT1	WB	AM	Mainline	0.88	1.17	27.68	4.39	10219	7002	0.0904	0.0834	0.0274	0.0013	0.0159	0.0410	0.0058	0.0032	0.0007	0.0545	0.1598
221	2035	ALT1	WB	AM	Mainline	0.98	1.35	29.71	4.57	11247	7692	0.0924	0.0854	0.0308	0.0014	0.0199	0.0501	0.0064	0.0042	0.0008	0.0448	0.2131
222	2035	ALT1	WB	AM	Mainline	0.89	1.19	28.31	4.44	10384	7112	0.0901	0.0831	0.0278	0.0013	0.0164	0.0421	0.0059	0.0033	0.0007	0.0530	0.1664
223	2035	ALT1	WB	AM	Mainline	0.46	0.62	14.74	2.23	5372	3671	0.0439	0.0405	0.0144	0.0007	0.0089	0.0225	0.0030	0.0019	0.0004	0.0230	0.0923
224	2035	ALT1	WB	AM	Mainline	0.49	0.65	15.27	2.16	5577	3750	0.0421	0.0388	0.0156	0.0008	0.0064	0.0183	0.0034	0.0018	0.0003	0.0221	0.0526
225	2035	ALT1	WB	AM	Mainline	0.32	0.42	9.65	1.39	3578	2407	0.0276	0.0255	0.0101	0.0005	0.0041	0.0118	0.0022	0.0011	0.0002	0.0149	0.0334
226	2035	ALT1	WB	AM	Mainline	1.56	2.03	40.60	6.14	16142	10853	0.1334	0.1232	0.0491	0.0025	0.0182	0.0539	0.0109	0.0051	0.0010	0.0766	0.1345
227	2035	ALT1	WB	AM	Mainline	0.61	0.80	15.74	2.33	6267	4199	0.0497	0.0459	0.0193	0.0010	0.0068	0.0204	0.0043	0.0020	0.0004	0.0274	0.0469
228	2035	ALT1	WB	AM	Mainline	0.33	0.43	8.47	1.26	3376	2263	0.0268	0.0248	0.0104	0.0005	0.0037	0.0110	0.0023	0.0011	0.0002	0.0148	0.0253
229	2035	ALT1	WB	AM	Mainline	1.77	2.38	58.36	8.14	20697	13931	0.1519	0.1403	0.0561	0.0028	0.0249	0.0694	0.0123	0.0068	0.0013	0.0755	0.2174
230	2035	ALT1	WB	AM	Mainline	0.46	0.60	12.91	1.91	4939	3323	0.0395	0.0365	0.0144	0.0007	0.0057	0.0164	0.0032	0.0016	0.0003	0.0221	0.0444
231	2035	ALT1	WB	AM	Mainline	0.45	0.60	14.01	2.03	5145	3472	0.0404	0.0373	0.0143	0.0007	0.0062	0.0175	0.0031	0.0016	0.0003	0.0222	0.0534
232	2035	ALT1	WB	AM	Mainline	0.49	0.64	13.59	2.06	5268	3552	0.0438	0.0404	0.0154	0.0008	0.0062	0.0178	0.0034	0.0017	0.0003	0.0253	0.0493
233	2035	ALT1	WB	AM	Mainline	1.59	2.17	53.39	7.47	18893	12779	0.1413	0.1306	0.0505	0.0025	0.0261	0.0695	0.0109	0.0066	0.0012	0.0677	0.2512
234	2035	ALT1	WB	AM	Mainline	0.24	0.32	7.59	1.11	2764	1869	0.0219	0.0202	0.0076	0.0004	0.0035	0.0096	0.0017	0.0009	0.0002	0.0120	0.0313
235	2035	ALT1	WB	AM	Mainline	0.99	1.34	32.99	4.65	11674	7902	0.0881	0.0814	0.0312	0.0015	0.0162	0.0430	0.0067	0.0040	0.0008	0.0432	0.1560

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
236	2035	ALT1	WB	AM	Mainline	0.60	0.80	18.68	2.79	6889	4667	0.0565	0.0521	0.0190	0.0009	0.0089	0.0244	0.0041	0.0022	0.0004	0.0322	0.0801
237	2035	ALT1	WB	AM	Mainline	1.11	1.44	28.67	4.57	11563	7828	0.1052	0.0971	0.0349	0.0018	0.0143	0.0408	0.0077	0.0036	0.0008	0.0653	0.1147
238	2035	ALT1	WB	AM	Mainline	0.34	0.44	9.00	1.43	3591	2431	0.0323	0.0298	0.0107	0.0005	0.0045	0.0126	0.0024	0.0011	0.0002	0.0199	0.0363
239	2035	ALT1	WB	AM	Mainline	0.30	0.39	8.02	1.27	3183	2155	0.0284	0.0262	0.0094	0.0005	0.0039	0.0112	0.0021	0.0010	0.0002	0.0174	0.0322
240	2035	ALT1	WB	AM	Mainline	0.37	0.48	9.95	1.54	3920	2647	0.0338	0.0312	0.0116	0.0006	0.0047	0.0135	0.0026	0.0012	0.0003	0.0201	0.0374
241	2035	ALT1	WB	AM	Mainline	1.31	1.72	36.99	5.70	14295	9673	0.1230	0.1135	0.0412	0.0021	0.0177	0.0498	0.0091	0.0045	0.0009	0.0734	0.1482
242	2035	ALT1	WB	AM	Mainline	0.10	0.13	2.51	0.39	1004	678	0.0088	0.0081	0.0030	0.0002	0.0012	0.0035	0.0007	0.0003	0.0001	0.0053	0.0094
243	2035	ALT1	WB	AM	Mainline	1.13	1.48	31.94	4.93	12310	8335	0.1062	0.0981	0.0354	0.0018	0.0154	0.0431	0.0078	0.0038	0.0008	0.0636	0.1303
244	2035	ALT1	WB	AM	Mainline	0.18	0.24	4.69	0.74	1886	1275	0.0169	0.0156	0.0057	0.0003	0.0023	0.0066	0.0013	0.0006	0.0001	0.0103	0.0181
245	2035	ALT1	WB	AM	Mainline	1.06	1.39	30.13	4.68	11628	7879	0.1012	0.0934	0.0334	0.0017	0.0147	0.0410	0.0073	0.0036	0.0008	0.0610	0.1252
246	2035	ALT1	WB	AM	Mainline	0.87	1.13	22.82	3.58	9113	6160	0.0806	0.0744	0.0273	0.0014	0.0111	0.0317	0.0061	0.0029	0.0006	0.0490	0.0879
247	2035	ALT1	WB	AM	Mainline	1.08	1.42	30.80	4.77	11869	8042	0.1031	0.0951	0.0340	0.0017	0.0150	0.0418	0.0075	0.0037	0.0008	0.0620	0.1279
248	2035	ALT1	WB	AM	Mainline	0.36	0.46	9.32	1.46	3720	2514	0.0328	0.0303	0.0112	0.0006	0.0045	0.0129	0.0025	0.0012	0.0002	0.0199	0.0357
249	2035	ALT1	WB	AM	Mainline	1.17	1.51	29.39	4.68	11960	8090	0.1090	0.1006	0.0365	0.0019	0.0146	0.0421	0.0081	0.0037	0.0008	0.0677	0.1148
250	2035	ALT1	WB	AM	Mainline	1.79	2.33	47.41	7.47	18876	12770	0.1680	0.1550	0.0562	0.0028	0.0232	0.0660	0.0124	0.0059	0.0013	0.1027	0.1870
251	2035	ALT1	WB	AM	Mainline	1.33	1.74	38.13	5.87	14622	9904	0.1258	0.1162	0.0418	0.0021	0.0184	0.0514	0.0092	0.0046	0.0010	0.0751	0.1576
252	2035	ALT1	WB	AM	Mainline	1.11	1.45	30.52	4.71	11917	8052	0.1021	0.0943	0.0349	0.0018	0.0144	0.0410	0.0077	0.0037	0.0008	0.0607	0.1167
253	2035	ALT1	WB	AM	Mainline	0.79	1.04	21.86	3.37	8536	5767	0.0732	0.0675	0.0250	0.0013	0.0103	0.0293	0.0055	0.0027	0.0006	0.0435	0.0836
254	2035	ALT1	WB	AM	Mainline	0.77	1.00	21.07	3.25	8228	5559	0.0705	0.0651	0.0241	0.0012	0.0099	0.0283	0.0053	0.0026	0.0005	0.0419	0.0806
255	2035	ALT1	WB	AM	Mainline	1.28	1.69	38.65	5.80	14433	9772	0.1198	0.1106	0.0403	0.0020	0.0182	0.0505	0.0088	0.0045	0.0009	0.0694	0.1600
256	2035	ALT1	WB	AM	Mainline	0.83	1.08	23.00	3.53	8939	6037	0.0759	0.0700	0.0261	0.0013	0.0107	0.0306	0.0058	0.0028	0.0006	0.0448	0.0873
257	2035	ALT1	WB	AM	Mainline	1.01	1.33	30.99	4.58	11445	7741	0.0927	0.0856	0.0317	0.0016	0.0144	0.0398	0.0069	0.0036	0.0007	0.0524	0.1261
258	2035	ALT1	WB	AM	Mainline	0.99	1.30	26.59	4.07	10484	7067	0.0885	0.0817	0.0313	0.0016	0.0123	0.0355	0.0069	0.0033	0.0007	0.0519	0.0952
259	2035	ALT1	WB	AM	Mainline	1.50	1.95	38.85	5.97	15514	10454	0.1324	0.1222	0.0471	0.0024	0.0181	0.0527	0.0105	0.0049	0.0010	0.0781	0.1372
260	2035	ALT1	WB	AM	Mainline	0.93	1.22	25.79	3.90	10010	6746	0.0829	0.0765	0.0293	0.0015	0.0117	0.0337	0.0065	0.0032	0.0006	0.0478	0.0921
261	2035	ALT1	WB	AM	Mainline	1.12	1.47	32.29	4.81	12272	8273	0.0995	0.0919	0.0353	0.0018	0.0145	0.0413	0.0078	0.0039	0.0008	0.0564	0.1175
262	2035	ALT1	WB	AM	Mainline	3.00	3.93	84.06	12.56	32364	21789	0.2623	0.2422	0.0945	0.0048	0.0373	0.1078	0.0209	0.0102	0.0021	0.1485	0.2922
263	2035	ALT1	WB	AM	Mainline	1.39	1.85	44.48	6.29	16023	10791	0.1205	0.1113	0.0440	0.0022	0.0192	0.0537	0.0096	0.0052	0.0010	0.0624	0.1647
264	2035	ALT1	WB	AM	Mainline	0.62	0.86	20.49	2.76	7341	4943	0.0529	0.0489	0.0199	0.0010	0.0099	0.0268	0.0043	0.0028	0.0005	0.0215	0.0951
265	2035	ALT1	WB	AM	Mainline	0.29	0.38	9.18	1.32	3315	2237	0.0255	0.0235	0.0091	0.0004	0.0041	0.0114	0.0020	0.0011	0.0002	0.0135	0.0361
266	2035	ALT1	WB	AM	Mainline	1.02	1.36	31.78	4.62	11647	7863	0.0917	0.0847	0.0322	0.0016	0.0143	0.0398	0.0071	0.0037	0.0007	0.0502	0.1237
267	2035	ALT1	WB	AM	Mainline	0.31	0.41	10.29	1.41	3612	2434	0.0263	0.0243	0.0097	0.0005	0.0046	0.0125	0.0021	0.0012	0.0002	0.0125	0.0419
268	2035	ALT1	WB	AM	Mainline	0.06	0.08	1.59	0.24	628	422	0.0052	0.0048	0.0019	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0030	0.0054
269	2035	ALT1	WB	AM	Mainline	1.33	1.80	44.61	6.18	15705	10591	0.1154	0.1066	0.0422	0.0021	0.0201	0.0548	0.0091	0.0053	0.0010	0.0558	0.1848
270	2035	ALT1	WB	AM	Mainline	0.62	0.85	20.74	2.87	7340	4959	0.0543	0.0501	0.0197	0.0010	0.0101	0.0269	0.0042	0.0026	0.0005	0.0252	0.0968
271	2035	ALT1	WB	AM	Mainline	0.77	1.02	23.92	3.66	8823	6004	0.0748	0.0691	0.0240	0.0012	0.0123	0.0328	0.0052	0.0028	0.0006	0.0438	0.1158
272	2035	ALT1	WB	AM	Mainline	0.55	0.73	17.32	2.65	6341	4319	0.0534	0.0493	0.0171	0.0008	0.0090	0.0239	0.0037	0.0020	0.0004	0.0309	0.0869
273	2035	ALT1	WB	AM	Mainline	0.57	0.75	16.16	2.59	6281	4277	0.0577	0.0533	0.0179	0.0009	0.0085	0.0231	0.0039	0.0019	0.0004	0.0363	0.0756
274	2035	ALT1	WB	AM	Mainline	0.66	0.87	18.12	2.97	7183	4894	0.0682	0.0629	0.0208	0.0010	0.0097	0.0265	0.0045	0.0022	0.0005	0.0438	0.0852
275	2035	ALT1	WB	AM	Mainline	1.20	1.55	29.19	4.91	12189	8294	0.1224	0.1129	0.0375	0.0019	0.0160	0.0450	0.0083	0.0037	0.0009	0.0810	0.1317
276	2035	ALT1	WB	AM	Mainline	0.34	0.43	7.92	1.33	3354	2281	0.0341	0.0315	0.0105	0.0005	0.0044	0.0124	0.0023	0.0010	0.0002	0.0227	0.0352
277	2035	ALT1	WB	AM	Mainline	0.70	0.91	17.16	2.92	7173	4890	0.0735	0.0678	0.0219	0.0011	0.0096	0.0268	0.0048	0.0022	0.0005	0.0493	0.0810
278	2035	ALT1	WB	AM	Mainline	0.38	0.49	9.24	1.60	3863	2640	0.0405	0.0373	0.0117	0.0006	0.0053	0.0147	0.0026	0.0012	0.0003	0.0275	0.0459
279	2035	ALT1	WB	AM	Mainline	0.67	0.87	18.32	3.07	7269	4973	0.0715	0.0660	0.0208	0.0010	0.0103	0.0277	0.0045	0.0022	0.0005	0.0472	0.0946
280	2035	ALT1	WB	AM	Mainline	0.68	0.88	17.62	3.04	7219	4943	0.0748	0.0690	0.0212	0.0011	0.0102	0.0277	0.0046	0.0022	0.0005	0.0508	0.0918
281	2035	ALT1	WB	AM	Mainline	0.48	0.64	13.99	2.27	5403	3691	0.0507	0.0468	0.0151	0.0007	0.0076	0.0204	0.0033	0.0017	0.0004	0.0324	0.0711
282	2035	ALT1	WB	AM	Mainline	0.72	0.94	19.58	3.29	7812	5341	0.0772	0.0712	0.0225	0.0011	0.0110	0.0296	0.0049	0.0024	0.0005	0.0510	0.0995
283	2035	ALT1	WB	AM	Mainline	0.67	0.88	19.36	3.12	7465	5095	0.0693	0.0640	0.0209	0.0010	0.0104	0.0280	0.0046	0.0023	0.0005	0.0440	0.0962

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
284	2035	ALT1	WB	AM	Mainline	0.82	1.08	25.36	3.92	9398	6404	0.0811	0.0749	0.0256	0.0012	0.0133	0.0353	0.0055	0.0030	0.0006	0.0482	0.1266
285	2035	ALT1	WB	AM	Mainline	0.60	0.79	17.46	2.73	6689	4544	0.0591	0.0546	0.0189	0.0009	0.0088	0.0241	0.0041	0.0021	0.0004	0.0361	0.0778
286	2035	ALT1	WB	AM	Mainline	0.53	0.70	16.48	2.47	6046	4102	0.0497	0.0459	0.0165	0.0008	0.0081	0.0218	0.0036	0.0019	0.0004	0.0283	0.0740
287	2035	ALT1	WB	AM	Mainline	0.96	1.26	27.23	4.29	10546	7161	0.0941	0.0868	0.0302	0.0015	0.0137	0.0378	0.0066	0.0033	0.0007	0.0578	0.1192
288	2035	ALT1	WB	AM	Mainline	0.11	0.14	2.85	0.45	1131	766	0.0101	0.0093	0.0033	0.0002	0.0014	0.0040	0.0007	0.0004	0.0001	0.0062	0.0115
289	2035	ALT1	WB	AM	Mainline	1.04	1.36	30.53	4.66	11552	7829	0.0982	0.0907	0.0325	0.0016	0.0147	0.0407	0.0071	0.0036	0.0007	0.0581	0.1285
290	2035	ALT1	WB	AM	Ramp	0.11	0.15	3.74	0.42	1308	863	0.0080	0.0074	0.0036	0.0002	0.0012	0.0036	0.0008	0.0005	0.0001	0.0018	0.0084
291	2035	ALT1	WB	AM	Ramp	0.03	0.05	1.09	0.12	397	261	0.0024	0.0023	0.0011	0.0001	0.0003	0.0010	0.0002	0.0002	0.0000	0.0004	0.0018
292	2035	ALT1	WB	AM	Ramp	0.02	0.03	0.71	0.08	247	162	0.0014	0.0013	0.0007	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0002	0.0010
293	2035	ALT1	WB	AM	Ramp	0.12	0.18	1.96	0.23	1072	703	0.0093	0.0086	0.0040	0.0002	0.0015	0.0044	0.0009	0.0008	0.0001	0.0008	0.0124
294	2035	ALT1	WB	AM	Ramp	0.04	0.06	1.20	0.14	488	321	0.0034	0.0032	0.0015	0.0001	0.0004	0.0014	0.0003	0.0003	0.0000	0.0006	0.0030
295	2035	ALT1	WB	AM	Ramp	0.08	0.11	1.39	0.18	704	466	0.0059	0.0055	0.0025	0.0001	0.0012	0.0033	0.0005	0.0004	0.0001	0.0009	0.0119
296	2035	ALT1	WB	AM	Ramp	0.04	0.06	0.84	0.11	397	263	0.0032	0.0030	0.0013	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0006	0.0060
297	2035	ALT1	WB	AM	Ramp	0.98	1.35	21.50	4.68	10032	7102	0.1071	0.0989	0.0299	0.0012	0.0295	0.0678	0.0058	0.0041	0.0008	0.0617	0.3529
298	2035	ALT1	WB	AM	Ramp	0.00	0.01	0.14	0.01	51	34	0.0003	0.0003	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
299	2035	ALT1	WB	AM	Ramp	0.04	0.06	1.28	0.14	458	300	0.0028	0.0026	0.0013	0.0001	0.0004	0.0012	0.0003	0.0002	0.0000	0.0005	0.0022
300	2035	ALT1	WB	AM	Ramp	0.32	0.46	10.86	1.17	3856	2531	0.0230	0.0213	0.0107	0.0006	0.0030	0.0099	0.0024	0.0017	0.0003	0.0038	0.0179
301	2035	ALT1	WB	AM	Ramp	0.09	0.13	1.81	0.25	848	566	0.0070	0.0065	0.0028	0.0001	0.0015	0.0041	0.0006	0.0005	0.0001	0.0016	0.0159
302	2035	ALT1	WB	AM	Ramp	0.05	0.07	1.11	0.12	515	338	0.0039	0.0036	0.0017	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0004	0.0038
303	2035	ALT1	WB	AM	Ramp	0.02	0.02	0.43	0.07	170	117	0.0015	0.0014	0.0005	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0007	0.0037
304	2035	ALT1	WB	AM	Ramp	0.06	0.09	1.14	0.13	583	383	0.0049	0.0045	0.0021	0.0001	0.0008	0.0024	0.0004	0.0004	0.0001	0.0005	0.0072
305	2035	ALT1	WB	AM	Ramp	0.03	0.04	0.83	0.12	328	221	0.0026	0.0024	0.0009	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0010	0.0051
306	2035	ALT1	WB	AM	Ramp	0.07	0.10	1.43	0.15	675	440	0.0051	0.0047	0.0022	0.0001	0.0005	0.0019	0.0005	0.0004	0.0001	0.0003	0.0028
307	2035	ALT1	WB	AM	Ramp	0.04	0.06	0.77	0.10	390	259	0.0033	0.0031	0.0014	0.0001	0.0008	0.0020	0.0003	0.0002	0.0000	0.0006	0.0079
308	2035	ALT1	WB	AM	Ramp	0.09	0.13	1.68	0.20	823	543	0.0067	0.0062	0.0028	0.0001	0.0012	0.0035	0.0006	0.0005	0.0001	0.0009	0.0113
309	2035	ALT1	WB	AM	Ramp	0.04	0.05	0.62	0.11	310	212	0.0029	0.0027	0.0011	0.0000	0.0010	0.0023	0.0002	0.0002	0.0000	0.0010	0.0116
310	2035	ALT1	WB	AM	Ramp	0.21	0.30	5.83	0.79	2331	1566	0.0179	0.0165	0.0067	0.0003	0.0033	0.0090	0.0014	0.0011	0.0002	0.0059	0.0321
311	2035	ALT1	WB	AM	Ramp	0.06	0.09	1.25	0.18	589	395	0.0050	0.0046	0.0020	0.0001	0.0012	0.0030	0.0004	0.0003	0.0001	0.0013	0.0125
312	2035	ALT1	WB	AM	Ramp	0.02	0.03	0.65	0.08	251	166	0.0017	0.0016	0.0007	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0004	0.0023
313	2035	ALT1	WB	AM	Ramp	0.16	0.23	5.36	0.67	1922	1282	0.0129	0.0120	0.0053	0.0003	0.0022	0.0063	0.0011	0.0008	0.0001	0.0041	0.0195
314	2035	ALT1	WB	AM	Ramp	0.04	0.06	1.09	0.12	442	291	0.0031	0.0028	0.0013	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0005	0.0025
315	2035	ALT1	WB	AM	Ramp	0.06	0.08	1.35	0.17	590	392	0.0046	0.0042	0.0018	0.0001	0.0008	0.0022	0.0004	0.0003	0.0000	0.0010	0.0070
316	2035	ALT1	WB	AM	Ramp	0.03	0.04	0.86	0.10	343	225	0.0023	0.0022	0.0010	0.0001	0.0003	0.0010	0.0002	0.0002	0.0000	0.0004	0.0019
317	2035	ALT1	WB	AM	Ramp	0.04	0.06	0.88	0.12	397	266	0.0032	0.0030	0.0013	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0008	0.0067
318	2035	ALT1	WB	AM	Ramp	0.02	0.03	0.65	0.07	240	158	0.0015	0.0014	0.0007	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0002	0.0012
319	2035	ALT1	WB	AM	Ramp	0.07	0.10	1.69	0.20	733	484	0.0055	0.0051	0.0023	0.0001	0.0008	0.0025	0.0005	0.0004	0.0001	0.0010	0.0068
320	2035	ALT1	WB	AM	Ramp	0.03	0.05	0.87	0.10	362	239	0.0026	0.0024	0.0011	0.0001	0.0004	0.0011	0.0002	0.0002	0.0000	0.0005	0.0028
321	2035	ALT1	WB	AM	Ramp	0.08	0.12	1.79	0.21	830	546	0.0064	0.0059	0.0027	0.0001	0.0010	0.0030	0.0006	0.0005	0.0001	0.0008	0.0081
322	2035	ALT1	WB	AM	Ramp	0.06	0.09	1.01	0.13	550	365	0.0049	0.0046	0.0021	0.0001	0.0012	0.0031	0.0004	0.0004	0.0001	0.0007	0.0122
323	2035	ALT1	WB	AM	Ramp	0.08	0.12	2.49	0.33	942	633	0.0069	0.0064	0.0026	0.0001	0.0013	0.0035	0.0006	0.0004	0.0001	0.0025	0.0125
324	2035	ALT1	WB	AM	Ramp	0.02	0.03	0.61	0.08	234	158	0.0018	0.0016	0.0007	0.0000	0.0003	0.0009	0.0001	0.0001	0.0000	0.0007	0.0034
325	2035	ALT1	WB	AM	Ramp	0.19	0.28	4.25	0.52	1954	1293	0.0153	0.0142	0.0064	0.0003	0.0027	0.0077	0.0014	0.0011	0.0002	0.0027	0.0248
326	2035	ALT1	WB	AM	Ramp	0.04	0.06	1.17	0.14	463	307	0.0033	0.0030	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0042
327	2035	ALT1	WB	AM	Ramp	0.12	0.18	2.36	0.28	1153	760	0.0094	0.0087	0.0040	0.0002	0.0016	0.0047	0.0009	0.0007	0.0001	0.0013	0.0148
328	2035	ALT1	WB	AM	Ramp	0.02	0.04	0.77	0.09	287	190	0.0019	0.0017	0.0008	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0004	0.0020
329	2035	ALT1	WB	AM	Ramp	0.06	0.10	1.58	0.18	691	455	0.0051	0.0048	0.0022	0.0001	0.0007	0.0023	0.0005	0.0004	0.0001	0.0008	0.0059
330	2035	ALT1	WB	AM	Ramp	0.01	0.02	0.43	0.06	162	109	0.0012	0.0011	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0020
331	2035	ALT1	WB	AM	Ramp	0.10	0.14	3.04	0.37	1133	753	0.0077	0.0071	0.0032	0.0002	0.0012	0.0036	0.0007	0.0005	0.0001	0.0021	0.0105

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
332	2035	ALT1	WB	AM	Ramp	0.02	0.03	0.77	0.10	274	184	0.0020	0.0018	0.0007	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0008	0.0035
333	2035	ALT1	WB	AM	Ramp	0.06	0.08	1.84	0.23	673	448	0.0045	0.0042	0.0019	0.0001	0.0007	0.0022	0.0004	0.0003	0.0000	0.0013	0.0064
334	2035	ALT1	WB	AM	Ramp	0.04	0.06	1.24	0.17	467	315	0.0035	0.0032	0.0013	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0013	0.0065
335	2035	ALT1	WB	AM	Ramp	0.10	0.14	3.04	0.38	1146	764	0.0080	0.0074	0.0032	0.0002	0.0014	0.0039	0.0007	0.0005	0.0001	0.0023	0.0120
336	2035	ALT1	WB	AM	Ramp	0.09	0.12	2.35	0.36	949	647	0.0079	0.0073	0.0027	0.0001	0.0017	0.0044	0.0006	0.0004	0.0001	0.0034	0.0185
337	2035	ALT1	WB	AM	Ramp	0.01	0.02	0.39	0.08	157	111	0.0016	0.0015	0.0004	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0010	0.0047
338	2035	ALT1	WB	AM	Ramp	0.03	0.04	0.74	0.12	292	200	0.0025	0.0023	0.0008	0.0000	0.0006	0.0014	0.0002	0.0001	0.0000	0.0012	0.0062
339	2035	ALT1	WB	AM	Ramp	0.11	0.14	3.61	0.49	1264	850	0.0091	0.0084	0.0034	0.0002	0.0015	0.0043	0.0007	0.0004	0.0001	0.0042	0.0138
340	2035	ALT1	WB	AM	Ramp	0.45	0.64	13.58	1.69	5186	3455	0.0366	0.0339	0.0147	0.0007	0.0061	0.0175	0.0032	0.0023	0.0004	0.0103	0.0540
341	2035	ALT1	WB	AM	Ramp	0.36	0.52	9.83	1.37	4033	2714	0.0318	0.0294	0.0118	0.0006	0.0060	0.0161	0.0025	0.0019	0.0003	0.0106	0.0587
342	2035	ALT1	WB	AM	Ramp	0.08	0.12	2.11	0.28	888	593	0.0069	0.0063	0.0027	0.0001	0.0011	0.0032	0.0006	0.0004	0.0001	0.0018	0.0105
343	2035	ALT1	WB	AM	Ramp	0.04	0.05	0.61	0.15	322	230	0.0036	0.0033	0.0012	0.0000	0.0016	0.0034	0.0002	0.0001	0.0000	0.0020	0.0196
344	2035	ALT1	WB	AM	Ramp	0.07	0.10	1.80	0.24	753	503	0.0058	0.0054	0.0023	0.0001	0.0010	0.0027	0.0005	0.0004	0.0001	0.0016	0.0088
345	2035	ALT1	WB	AM	Ramp	0.01	0.01	0.19	0.03	89	61	0.0009	0.0008	0.0003	0.0000	0.0003	0.0006	0.0001	0.0000	0.0000	0.0004	0.0030
346	2035	ALT1	WB	AM	Ramp	0.03	0.04	0.54	0.11	267	186	0.0027	0.0025	0.0009	0.0000	0.0009	0.0021	0.0002	0.0001	0.0000	0.0012	0.0109
347	2035	ALT1	WB	AM	Ramp	0.07	0.11	1.34	0.16	677	445	0.0056	0.0052	0.0024	0.0001	0.0010	0.0028	0.0005	0.0004	0.0001	0.0007	0.0086
348	2035	ALT1	WB	AM	Ramp	0.30	0.43	7.98	1.13	3298	2223	0.0264	0.0244	0.0097	0.0005	0.0051	0.0135	0.0021	0.0015	0.0003	0.0091	0.0505
349	2035	ALT1	WB	AM	Ramp	0.04	0.06	1.14	0.17	458	312	0.0038	0.0035	0.0013	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0016	0.0085
350	2035	ALT1	WB	AM	Ramp	0.04	0.06	1.46	0.18	517	345	0.0034	0.0032	0.0014	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0012	0.0052
351	2035	ALT1	WB	AM	Ramp	0.02	0.03	0.36	0.09	183	131	0.0021	0.0019	0.0006	0.0000	0.0007	0.0017	0.0001	0.0001	0.0000	0.0012	0.0093
352	2035	ALT1	WB	AM	Ramp	0.02	0.04	0.61	0.07	262	173	0.0019	0.0018	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0022
353	2035	ALT1	WB	AM	Ramp	0.06	0.08	1.68	0.22	644	431	0.0047	0.0043	0.0018	0.0001	0.0008	0.0023	0.0004	0.0003	0.0000	0.0015	0.0076
354	2035	ALT1	WB	AM	Ramp	0.19	0.27	3.53	0.46	1745	1158	0.0146	0.0136	0.0061	0.0003	0.0032	0.0085	0.0013	0.0011	0.0002	0.0026	0.0319
355	2035	ALT1	WB	AM	Ramp	0.04	0.06	0.99	0.13	424	284	0.0034	0.0031	0.0013	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0010	0.0056
356	2035	ALT1	WB	AM	Ramp	0.09	0.13	1.68	0.20	834	548	0.0068	0.0063	0.0029	0.0001	0.0011	0.0033	0.0006	0.0005	0.0001	0.0008	0.0097
357	2035	ALT1	WB	AM	Ramp	0.17	0.25	3.02	0.36	1569	1033	0.0133	0.0123	0.0057	0.0003	0.0024	0.0068	0.0012	0.0010	0.0002	0.0015	0.0220
358	2035	ALT1	WB	AM	Ramp	0.09	0.13	1.24	0.24	685	471	0.0069	0.0064	0.0028	0.0001	0.0032	0.0072	0.0005	0.0004	0.0001	0.0024	0.0395
359	2035	ALT1	WB	AM	Ramp	0.11	0.17	1.83	0.23	993	654	0.0087	0.0081	0.0037	0.0002	0.0017	0.0046	0.0008	0.0007	0.0001	0.0010	0.0159
360	2035	ALT1	WB	AM	Ramp	0.07	0.10	1.15	0.16	601	401	0.0053	0.0050	0.0022	0.0001	0.0014	0.0036	0.0005	0.0004	0.0001	0.0010	0.0157
361	2035	ALT1	WB	AM	Ramp	0.08	0.11	1.17	0.15	659	435	0.0060	0.0056	0.0025	0.0001	0.0013	0.0035	0.0005	0.0005	0.0001	0.0007	0.0133
362	2035	ALT1	WB	AM	Ramp	0.04	0.05	0.92	0.14	393	266	0.0033	0.0030	0.0012	0.0001	0.0007	0.0017	0.0002	0.0002	0.0000	0.0012	0.0068
363	2035	ALT1	WB	AM	Ramp	0.11	0.17	2.26	0.26	1114	732	0.0090	0.0084	0.0039	0.0002	0.0014	0.0043	0.0008	0.0007	0.0001	0.0010	0.0124
364	2035	ALT1	WB	AM	HOV																	
365	2035	ALT1	WB	AM	HOV																	
366	2035	ALT1	WB	AM	HOV																	
367	2035	ALT1	WB	AM	HOV																	
368	2035	ALT1	WB	AM	HOV																	
369	2035	ALT1	WB	AM	HOV																	
370	2035	ALT1	WB	AM	HOV																	
371	2035	ALT1	WB	AM	HOV																	
372	2035	ALT1	WB	AM	HOV																	
373	2035	ALT1	WB	AM	HOV																	
374	2035	ALT1	WB	AM	HOV																	
375	2035	ALT1	WB	AM	HOV																	
376	2035	ALT1	WB	AM	HOV																	
377	2035	ALT1	WB	AM	HOV																	
378	2035	ALT1	WB	AM	HOV																	
379	2035	ALT1	WB	AM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
380	2035	ALT1	WB	AM	HOV																	
381	2035	ALT1	WB	AM	HOV																	
382	2035	ALT1	WB	AM	HOV																	
383	2035	ALT1	WB	AM	HOV																	
384	2035	ALT1	WB	AM	HOV																	
385	2035	ALT1	WB	AM	HOV																	
386	2035	ALT1	WB	AM	HOV																	
387	2035	ALT1	WB	AM	HOV																	
388	2035	ALT1	WB	AM	HOV																	
389	2035	ALT1	WB	AM	HOV																	
390	2035	ALT1	WB	AM	HOV																	
391	2035	ALT1	WB	AM	HOV																	
392	2035	ALT1	WB	AM	HOV																	
393	2035	ALT1	WB	AM	HOV																	
394	2035	ALT1	WB	AM	HOV																	
395	2035	ALT1	WB	AM	HOV																	
396	2035	ALT1	WB	AM	HOV																	
397	2035	ALT1	WB	AM	HOV																	
398	2035	ALT1	WB	AM	HOV																	
399	2035	ALT1	WB	AM	HOV																	
400	2035	ALT1	WB	AM	HOV																	
401	2035	ALT1	WB	AM	HOV																	
402	2035	ALT1	WB	AM	HOV																	
403	2035	ALT1	WB	AM	HOV																	
404	2035	ALT1	WB	AM	HOV																	
405	2035	ALT1	WB	AM	HOV																	
406	2035	ALT1	WB	AM	HOV																	
407	2035	ALT1	WB	AM	HOV																	
408	2035	ALT1	WB	AM	HOV																	
409	2035	ALT1	WB	AM	HOV																	
410	2035	ALT1	WB	AM	HOV																	
411	2035	ALT1	WB	AM	HOV																	
412	2035	ALT1	WB	AM	HOV																	
413	2035	ALT1	WB	AM	HOV																	
414	2035	ALT1	WB	AM	HOV																	
415	2035	ALT1	WB	AM	HOV																	
416	2035	ALT1	WB	AM	HOV																	
417	2035	ALT1	WB	AM	HOV																	
418	2035	ALT1	WB	AM	HOV																	
419	2035	ALT1	WB	AM	HOV	0.11	0.15	4.13	0.43	1346	875	0.0061	0.0056	0.0037	0.0002	0.0007	0.0028	0.0008	0.0005	0.0001	0.0005	0.0013
420	2035	ALT1	WB	AM	HOV	0.08	0.11	2.90	0.30	945	614	0.0043	0.0040	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0001	0.0003	0.0009
421	2035	ALT1	WB	AM	HOV	0.08	0.10	2.80	0.29	911	592	0.0041	0.0038	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0009
422	2035	ALT1	WB	AM	HOV	0.08	0.11	2.83	0.30	932	606	0.0041	0.0038	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0009
423	2035	ALT1	WB	AM	HOV	0.15	0.21	5.46	0.58	1797	1168	0.0079	0.0073	0.0050	0.0003	0.0010	0.0038	0.0011	0.0006	0.0001	0.0006	0.0017
424	2035	ALT1	WB	AM	HOV	0.04	0.05	1.33	0.14	439	285	0.0019	0.0018	0.0012	0.0001	0.0002	0.0009	0.0003	0.0002	0.0000	0.0002	0.0004
425	2035	ALT1	WB	AM	HOV	0.09	0.12	3.15	0.34	1038	675	0.0046	0.0042	0.0029	0.0002	0.0006	0.0022	0.0007	0.0004	0.0001	0.0004	0.0010
426	2035	ALT1	WB	AM	HOV	0.05	0.06	1.63	0.18	545	354	0.0024	0.0022	0.0015	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0005
427	2035	ALT1	WB	AM	HOV	0.09	0.12	3.11	0.34	1043	678	0.0045	0.0042	0.0029	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0010

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
428	2035	ALT1	WB	AM	HOV	0.10	0.13	3.32	0.36	1113	723	0.0048	0.0045	0.0031	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0010
429	2035	ALT1	WB	AM	HOV	0.06	0.09	2.21	0.24	742	483	0.0032	0.0030	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0007
430	2035	ALT1	WB	AM	HOV	0.11	0.15	3.84	0.41	1264	822	0.0056	0.0052	0.0035	0.0002	0.0007	0.0027	0.0008	0.0005	0.0001	0.0004	0.0012
431	2035	ALT1	WB	AM	HOV	0.10	0.13	3.46	0.37	1140	741	0.0050	0.0047	0.0032	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0011
432	2035	ALT1	WB	AM	HOV	0.11	0.15	4.08	0.43	1341	872	0.0059	0.0055	0.0037	0.0002	0.0007	0.0029	0.0008	0.0005	0.0001	0.0005	0.0013
433	2035	ALT1	WB	AM	HOV	0.09	0.12	3.15	0.33	1036	673	0.0046	0.0042	0.0029	0.0002	0.0006	0.0022	0.0007	0.0004	0.0001	0.0004	0.0010
434	2035	ALT1	WB	AM	HOV	0.07	0.10	2.65	0.28	871	566	0.0038	0.0036	0.0024	0.0001	0.0005	0.0019	0.0005	0.0003	0.0000	0.0003	0.0008
435	2035	ALT1	WB	AM	HOV	0.17	0.23	6.32	0.64	2043	1328	0.0094	0.0087	0.0055	0.0003	0.0011	0.0042	0.0013	0.0008	0.0001	0.0007	0.0021
436	2035	ALT1	WB	AM	HOV	0.02	0.02	0.61	0.06	196	128	0.0009	0.0008	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0002
437	2035	ALT1	WB	AM	HOV	0.18	0.25	6.72	0.68	2173	1413	0.0100	0.0093	0.0059	0.0003	0.0011	0.0045	0.0013	0.0008	0.0001	0.0007	0.0022
216	2035	ALT1	WB	MD	Mainline	1.37	1.73	28.05	7.85	14188	10339	0.2891	0.2663	0.0409	0.0018	0.0331	0.0787	0.0084	0.0036	0.0015	0.2514	0.3666
217	2035	ALT1	WB	MD	Mainline	2.47	3.11	50.93	14.77	25960	19029	0.5432	0.5003	0.0733	0.0032	0.0632	0.1484	0.0150	0.0065	0.0029	0.4759	0.7129
218	2035	ALT1	WB	MD	Mainline	2.09	2.66	46.14	10.83	21628	15392	0.3538	0.3260	0.0634	0.0029	0.0429	0.1062	0.0134	0.0059	0.0020	0.2908	0.4495
219	2035	ALT1	WB	MD	Mainline	2.73	3.49	65.98	15.51	29835	21364	0.4667	0.4300	0.0821	0.0037	0.0643	0.1541	0.0170	0.0080	0.0027	0.3817	0.7098
220	2035	ALT1	WB	MD	Mainline	1.60	2.05	37.28	8.49	16986	12067	0.2622	0.2416	0.0486	0.0022	0.0337	0.0830	0.0102	0.0047	0.0015	0.2123	0.3573
221	2035	ALT1	WB	MD	Mainline	1.35	1.73	33.13	7.64	14841	10601	0.2264	0.2086	0.0408	0.0018	0.0314	0.0756	0.0085	0.0040	0.0013	0.1837	0.3454
222	2035	ALT1	WB	MD	Mainline	1.61	2.06	37.96	8.51	17127	12148	0.2580	0.2378	0.0488	0.0023	0.0337	0.0830	0.0103	0.0047	0.0015	0.2074	0.3564
223	2035	ALT1	WB	MD	Mainline	0.76	0.97	18.33	4.05	8161	5784	0.1196	0.1103	0.0230	0.0011	0.0161	0.0395	0.0048	0.0023	0.0007	0.0955	0.1706
224	2035	ALT1	WB	MD	Mainline	0.88	1.13	21.03	4.06	9102	6314	0.1132	0.1044	0.0271	0.0013	0.0146	0.0384	0.0059	0.0027	0.0007	0.0841	0.1394
225	2035	ALT1	WB	MD	Mainline	0.56	0.72	13.25	2.60	5784	4019	0.0737	0.0680	0.0173	0.0008	0.0094	0.0246	0.0037	0.0017	0.0005	0.0553	0.0901
226	2035	ALT1	WB	MD	Mainline	2.63	3.36	58.44	11.56	26198	18196	0.3466	0.3196	0.0809	0.0040	0.0423	0.1118	0.0176	0.0077	0.0022	0.2632	0.3940
227	2035	ALT1	WB	MD	Mainline	1.01	1.29	22.25	4.23	9920	6852	0.1248	0.1150	0.0312	0.0015	0.0152	0.0410	0.0068	0.0029	0.0008	0.0926	0.1360
228	2035	ALT1	WB	MD	Mainline	0.57	0.73	12.66	2.33	5594	3848	0.0671	0.0619	0.0177	0.0009	0.0082	0.0225	0.0039	0.0017	0.0004	0.0487	0.0717
229	2035	ALT1	WB	MD	Mainline	3.43	4.42	82.92	15.55	35535	24554	0.4231	0.3901	0.1061	0.0052	0.0550	0.1459	0.0231	0.0105	0.0027	0.3082	0.5124
230	2035	ALT1	WB	MD	Mainline	0.87	1.11	20.19	3.78	8786	6062	0.1057	0.0975	0.0269	0.0013	0.0133	0.0358	0.0059	0.0026	0.0007	0.0771	0.1206
231	2035	ALT1	WB	MD	Mainline	0.89	1.14	21.36	4.06	9197	6368	0.1120	0.1032	0.0274	0.0013	0.0145	0.0383	0.0059	0.0027	0.0007	0.0824	0.1369
232	2035	ALT1	WB	MD	Mainline	0.96	1.23	22.54	4.26	9771	6750	0.1181	0.1089	0.0296	0.0015	0.0150	0.0401	0.0064	0.0029	0.0008	0.0865	0.1383
233	2035	ALT1	WB	MD	Mainline	2.81	3.66	79.14	14.50	31620	21996	0.3519	0.3245	0.0864	0.0040	0.0550	0.1384	0.0183	0.0092	0.0023	0.2507	0.5698
234	2035	ALT1	WB	MD	Mainline	0.47	0.61	12.37	2.28	5089	3526	0.0580	0.0534	0.0144	0.0007	0.0082	0.0213	0.0031	0.0015	0.0004	0.0416	0.0811
235	2035	ALT1	WB	MD	Mainline	1.77	2.32	50.93	9.19	20123	13984	0.2185	0.2015	0.0546	0.0025	0.0349	0.0877	0.0116	0.0059	0.0014	0.1537	0.3622
236	2035	ALT1	WB	MD	Mainline	1.19	1.54	31.64	5.85	12993	9008	0.1483	0.1367	0.0367	0.0018	0.0213	0.0547	0.0079	0.0038	0.0010	0.1066	0.2108
237	2035	ALT1	WB	MD	Mainline	2.01	2.59	47.88	8.91	20615	14218	0.2436	0.2247	0.0623	0.0031	0.0312	0.0836	0.0136	0.0061	0.0016	0.1766	0.2849
238	2035	ALT1	WB	MD	Mainline	0.63	0.81	15.28	2.81	6515	4489	0.0754	0.0695	0.0195	0.0010	0.0098	0.0263	0.0043	0.0019	0.0005	0.0541	0.0898
239	2035	ALT1	WB	MD	Mainline	0.56	0.72	13.60	2.49	5780	3982	0.0665	0.0613	0.0173	0.0009	0.0087	0.0233	0.0038	0.0017	0.0004	0.0476	0.0796
240	2035	ALT1	WB	MD	Mainline	0.70	0.90	17.08	3.04	7201	4942	0.0793	0.0731	0.0217	0.0011	0.0104	0.0282	0.0047	0.0022	0.0005	0.0555	0.0927
241	2035	ALT1	WB	MD	Mainline	2.50	3.23	62.59	11.28	26218	18042	0.2924	0.2696	0.0776	0.0038	0.0391	0.1046	0.0169	0.0078	0.0020	0.2064	0.3593
242	2035	ALT1	WB	MD	Mainline	0.18	0.23	4.31	0.77	1834	1259	0.0205	0.0189	0.0056	0.0003	0.0026	0.0072	0.0012	0.0006	0.0001	0.0145	0.0234
243	2035	ALT1	WB	MD	Mainline	2.14	2.77	53.63	9.74	22496	15498	0.2537	0.2339	0.0664	0.0033	0.0340	0.0904	0.0144	0.0067	0.0017	0.1802	0.3147
244	2035	ALT1	WB	MD	Mainline	0.34	0.43	7.97	1.46	3422	2353	0.0393	0.0362	0.0104	0.0005	0.0050	0.0136	0.0023	0.0010	0.0003	0.0281	0.0448
245	2035	ALT1	WB	MD	Mainline	2.02	2.61	50.50	9.24	21239	14649	0.2425	0.2236	0.0626	0.0031	0.0324	0.0860	0.0136	0.0063	0.0016	0.1734	0.3026
246	2035	ALT1	WB	MD	Mainline	1.61	2.07	38.38	7.01	16445	11312	0.1889	0.1742	0.0499	0.0025	0.0242	0.0655	0.0109	0.0049	0.0012	0.1350	0.2173
247	2035	ALT1	WB	MD	Mainline	2.04	2.64	50.68	9.35	21415	14782	0.2478	0.2285	0.0633	0.0031	0.0329	0.0873	0.0137	0.0064	0.0016	0.1783	0.3083
248	2035	ALT1	WB	MD	Mainline	0.65	0.84	15.39	2.83	6621	4558	0.0770	0.0711	0.0201	0.0010	0.0098	0.0265	0.0044	0.0020	0.0005	0.0554	0.0885
249	2035	ALT1	WB	MD	Mainline	2.12	2.72	48.71	9.06	21261	14650	0.2543	0.2345	0.0656	0.0032	0.0318	0.0860	0.0144	0.0063	0.0017	0.1849	0.2846
250	2035	ALT1	WB	MD	Mainline	3.31	4.25	78.72	14.54	33828	23306	0.3953	0.3646	0.1025	0.0051	0.0507	0.1362	0.0224	0.0101	0.0026	0.2849	0.4592
251	2035	ALT1	WB	MD	Mainline	2.51	3.23	62.21	11.52	26295	18161	0.3057	0.2819	0.0775	0.0038	0.0407	0.1076	0.0168	0.0078	0.0020	0.2205	0.3825
252	2035	ALT1	WB	MD	Mainline	2.07	2.67	49.69	9.17	21284	14668	0.2481	0.2288	0.0642	0.0032	0.0320	0.0858	0.0140	0.0063	0.0016	0.1787	0.2917
253	2035	ALT1	WB	MD	Mainline	1.48	1.91	35.59	6.57	15242	10504	0.1776	0.1638	0.0460	0.0023	0.0229	0.0615	0.0100	0.0045	0.0012	0.1279	0.2089

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
254	2035	ALT1	WB	MD	Mainline	1.43	1.84	34.30	6.33	14693	10126	0.1713	0.1579	0.0443	0.0022	0.0221	0.0593	0.0097	0.0044	0.0011	0.1233	0.2014
255	2035	ALT1	WB	MD	Mainline	2.41	3.11	59.83	11.35	25425	17625	0.3058	0.2820	0.0744	0.0036	0.0409	0.1067	0.0161	0.0075	0.0020	0.2244	0.3933
256	2035	ALT1	WB	MD	Mainline	1.53	1.97	36.41	6.87	15726	10868	0.1897	0.1749	0.0473	0.0023	0.0243	0.0646	0.0103	0.0047	0.0012	0.1389	0.2252
257	2035	ALT1	WB	MD	Mainline	1.89	2.43	46.88	8.87	19899	13790	0.2385	0.2199	0.0582	0.0028	0.0319	0.0833	0.0126	0.0058	0.0015	0.1747	0.3068
258	2035	ALT1	WB	MD	Mainline	1.82	2.33	41.46	7.77	18181	12539	0.2206	0.2034	0.0563	0.0028	0.0275	0.0741	0.0123	0.0054	0.0014	0.1614	0.2464
259	2035	ALT1	WB	MD	Mainline	2.67	3.42	60.37	11.31	26574	18325	0.3237	0.2985	0.0827	0.0041	0.0401	0.1084	0.0181	0.0079	0.0021	0.2371	0.3579
260	2035	ALT1	WB	MD	Mainline	1.75	2.25	40.30	7.58	17625	12164	0.2141	0.1974	0.0542	0.0027	0.0268	0.0720	0.0118	0.0052	0.0014	0.1569	0.2424
261	2035	ALT1	WB	MD	Mainline	2.13	2.74	50.75	9.54	21901	15127	0.2627	0.2423	0.0660	0.0032	0.0337	0.0897	0.0144	0.0065	0.0017	0.1918	0.3105
262	2035	ALT1	WB	MD	Mainline	5.73	7.35	132.70	25.47	58159	40253	0.7249	0.6684	0.1770	0.0087	0.0909	0.2417	0.0385	0.0171	0.0046	0.5379	0.8408
263	2035	ALT1	WB	MD	Mainline	2.74	3.53	66.51	12.66	28538	19770	0.3468	0.3198	0.0846	0.0041	0.0454	0.1192	0.0183	0.0084	0.0022	0.2553	0.4307
264	2035	ALT1	WB	MD	Mainline	0.97	1.26	27.09	5.07	10904	7606	0.1246	0.1149	0.0297	0.0014	0.0195	0.0487	0.0063	0.0032	0.0008	0.0901	0.2044
265	2035	ALT1	WB	MD	Mainline	0.55	0.71	13.85	2.71	5887	4104	0.0734	0.0677	0.0168	0.0008	0.0101	0.0257	0.0036	0.0017	0.0005	0.0549	0.1007
266	2035	ALT1	WB	MD	Mainline	1.91	2.45	46.82	9.75	20417	14348	0.2778	0.2560	0.0582	0.0027	0.0374	0.0938	0.0124	0.0058	0.0017	0.2154	0.3856
267	2035	ALT1	WB	MD	Mainline	0.56	0.72	13.99	2.98	6097	4304	0.0846	0.0780	0.0171	0.0008	0.0117	0.0289	0.0036	0.0017	0.0005	0.0663	0.1239
268	2035	ALT1	WB	MD	Mainline	0.11	0.14	2.47	0.53	1120	787	0.0163	0.0150	0.0033	0.0002	0.0020	0.0051	0.0007	0.0003	0.0001	0.0128	0.0200
269	2035	ALT1	WB	MD	Mainline	2.47	3.18	62.29	13.28	27026	19097	0.3738	0.3445	0.0751	0.0035	0.0525	0.1289	0.0158	0.0075	0.0023	0.2928	0.5590
270	2035	ALT1	WB	MD	Mainline	1.11	1.43	28.88	6.10	12314	8717	0.1662	0.1532	0.0336	0.0015	0.0248	0.0603	0.0070	0.0034	0.0010	0.1293	0.2698
271	2035	ALT1	WB	MD	Mainline	1.45	1.85	34.35	8.53	15907	11475	0.2656	0.2447	0.0435	0.0019	0.0361	0.0856	0.0089	0.0042	0.0015	0.2216	0.4053
272	2035	ALT1	WB	MD	Mainline	1.04	1.33	25.15	6.19	11531	8319	0.1889	0.1740	0.0312	0.0014	0.0264	0.0623	0.0064	0.0030	0.0011	0.1569	0.2982
273	2035	ALT1	WB	MD	Mainline	1.11	1.41	25.32	6.28	11872	8540	0.2017	0.1858	0.0332	0.0015	0.0260	0.0624	0.0069	0.0031	0.0011	0.1685	0.2866
274	2035	ALT1	WB	MD	Mainline	1.28	1.63	28.94	7.27	13695	9864	0.2378	0.2190	0.0385	0.0017	0.0301	0.0722	0.0080	0.0036	0.0013	0.1996	0.3318
275	2035	ALT1	WB	MD	Mainline	2.25	2.85	47.91	12.35	23334	16821	0.4293	0.3955	0.0675	0.0031	0.0508	0.1227	0.0141	0.0062	0.0024	0.3645	0.5511
276	2035	ALT1	WB	MD	Mainline	0.64	0.81	13.56	3.45	6604	4750	0.1206	0.1111	0.0193	0.0009	0.0141	0.0343	0.0040	0.0018	0.0007	0.1021	0.1515
277	2035	ALT1	WB	MD	Mainline	1.35	1.71	28.78	7.67	14142	10247	0.2685	0.2473	0.0404	0.0018	0.0320	0.0764	0.0084	0.0037	0.0015	0.2300	0.3524
278	2035	ALT1	WB	MD	Mainline	0.74	0.93	15.93	4.25	7794	5651	0.1470	0.1354	0.0221	0.0010	0.0177	0.0423	0.0045	0.0020	0.0008	0.1259	0.1967
279	2035	ALT1	WB	MD	Mainline	1.37	1.75	31.98	8.15	14992	10853	0.2584	0.2381	0.0409	0.0018	0.0349	0.0822	0.0084	0.0039	0.0014	0.2175	0.3939
280	2035	ALT1	WB	MD	Mainline	1.36	1.73	30.11	8.21	14692	10709	0.2783	0.2564	0.0405	0.0018	0.0352	0.0826	0.0083	0.0037	0.0015	0.2394	0.3990
281	2035	ALT1	WB	MD	Mainline	0.99	1.26	23.12	5.91	10820	7839	0.1862	0.1715	0.0294	0.0013	0.0254	0.0597	0.0060	0.0028	0.0010	0.1567	0.2880
282	2035	ALT1	WB	MD	Mainline	1.44	1.83	32.34	8.69	15621	11373	0.2893	0.2664	0.0429	0.0019	0.0374	0.0876	0.0087	0.0040	0.0016	0.2476	0.4238
283	2035	ALT1	WB	MD	Mainline	1.34	1.70	30.80	8.02	14601	10595	0.2586	0.2383	0.0399	0.0017	0.0344	0.0809	0.0081	0.0038	0.0014	0.2192	0.3895
284	2035	ALT1	WB	MD	Mainline	1.63	2.08	39.19	9.76	18038	13036	0.2987	0.2751	0.0487	0.0021	0.0419	0.0986	0.0099	0.0047	0.0017	0.2491	0.4753
285	2035	ALT1	WB	MD	Mainline	1.20	1.52	27.39	7.05	12971	9391	0.2283	0.2103	0.0357	0.0016	0.0300	0.0708	0.0073	0.0034	0.0013	0.1929	0.3369
286	2035	ALT1	WB	MD	Mainline	1.05	1.33	24.94	6.17	11491	8290	0.1899	0.1750	0.0313	0.0014	0.0262	0.0620	0.0064	0.0030	0.0011	0.1581	0.2951
287	2035	ALT1	WB	MD	Mainline	1.87	2.37	41.80	11.15	20184	14673	0.3724	0.3431	0.0558	0.0024	0.0476	0.1121	0.0114	0.0052	0.0020	0.3183	0.5373
288	2035	ALT1	WB	MD	Mainline	0.20	0.26	4.53	1.14	2161	1556	0.0380	0.0351	0.0061	0.0003	0.0047	0.0113	0.0013	0.0006	0.0002	0.0320	0.0515
289	2035	ALT1	WB	MD	Mainline	2.05	2.61	47.12	11.98	22200	16045	0.3853	0.3549	0.0613	0.0027	0.0507	0.1201	0.0126	0.0058	0.0022	0.3243	0.5670
290	2035	ALT1	WB	MD	Ramp	0.07	0.10	2.42	0.29	838	557	0.0054	0.0050	0.0023	0.0001	0.0009	0.0026	0.0005	0.0003	0.0001	0.0017	0.0073
291	2035	ALT1	WB	MD	Ramp	0.07	0.10	2.19	0.26	819	544	0.0056	0.0052	0.0023	0.0001	0.0009	0.0026	0.0005	0.0004	0.0001	0.0014	0.0074
292	2035	ALT1	WB	MD	Ramp	0.03	0.04	0.86	0.10	299	198	0.0019	0.0017	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0005	0.0023
293	2035	ALT1	WB	MD	Ramp	0.23	0.33	3.62	0.51	1951	1299	0.0176	0.0163	0.0074	0.0003	0.0047	0.0120	0.0015	0.0013	0.0002	0.0031	0.0517
294	2035	ALT1	WB	MD	Ramp	0.07	0.10	2.00	0.26	811	541	0.0061	0.0056	0.0024	0.0001	0.0010	0.0029	0.0005	0.0004	0.0001	0.0016	0.0090
295	2035	ALT1	WB	MD	Ramp	0.16	0.24	2.89	0.38	1485	985	0.0128	0.0119	0.0054	0.0003	0.0029	0.0077	0.0011	0.0009	0.0001	0.0021	0.0298
296	2035	ALT1	WB	MD	Ramp	0.07	0.10	1.35	0.22	650	442	0.0059	0.0054	0.0022	0.0001	0.0017	0.0041	0.0004	0.0003	0.0001	0.0020	0.0191
297	2035	ALT1	WB	MD	Ramp	1.65	2.17	32.57	9.65	16340	12092	0.2126	0.1960	0.0474	0.0016	0.0676	0.1471	0.0085	0.0053	0.0014	0.1550	0.8557
298	2035	ALT1	WB	MD	Ramp	0.01	0.01	0.28	0.03	105	69	0.0007	0.0006	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0007
299	2035	ALT1	WB	MD	Ramp	0.04	0.05	1.34	0.16	467	309	0.0029	0.0027	0.0013	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0008	0.0034
300	2035	ALT1	WB	MD	Ramp	0.38	0.54	12.43	1.50	4487	2982	0.0296	0.0274	0.0124	0.0006	0.0048	0.0141	0.0027	0.0019	0.0003	0.0083	0.0403
301	2035	ALT1	WB	MD	Ramp	0.17	0.25	3.56	0.52	1678	1129	0.0144	0.0133	0.0056	0.0003	0.0035	0.0090	0.0012	0.0009	0.0001	0.0040	0.0384

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
302	2035	ALT1	WB	MD	Ramp	0.02	0.03	0.78	0.10	285	189	0.0019	0.0018	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0005	0.0027
303	2035	ALT1	WB	MD	Ramp	0.04	0.06	1.21	0.19	487	334	0.0042	0.0039	0.0014	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0019	0.0102
304	2035	ALT1	WB	MD	Ramp	0.05	0.07	1.36	0.17	555	370	0.0042	0.0039	0.0016	0.0001	0.0007	0.0020	0.0004	0.0003	0.0000	0.0011	0.0062
305	2035	ALT1	WB	MD	Ramp	0.10	0.14	2.48	0.38	1043	709	0.0088	0.0081	0.0031	0.0001	0.0018	0.0047	0.0006	0.0005	0.0001	0.0034	0.0193
306	2035	ALT1	WB	MD	Ramp	0.06	0.09	1.67	0.18	679	445	0.0047	0.0043	0.0020	0.0001	0.0005	0.0019	0.0005	0.0004	0.0001	0.0006	0.0034
307	2035	ALT1	WB	MD	Ramp	0.11	0.16	1.84	0.25	977	649	0.0087	0.0080	0.0036	0.0002	0.0021	0.0055	0.0008	0.0006	0.0001	0.0015	0.0228
308	2035	ALT1	WB	MD	Ramp	0.10	0.15	2.35	0.33	1061	712	0.0088	0.0081	0.0034	0.0002	0.0019	0.0049	0.0007	0.0006	0.0001	0.0025	0.0192
309	2035	ALT1	WB	MD	Ramp	0.11	0.16	1.72	0.29	908	617	0.0086	0.0080	0.0035	0.0001	0.0031	0.0074	0.0007	0.0005	0.0001	0.0025	0.0374
310	2035	ALT1	WB	MD	Ramp	0.40	0.56	10.63	1.85	4402	3046	0.0402	0.0371	0.0126	0.0006	0.0097	0.0233	0.0026	0.0018	0.0003	0.0204	0.1092
311	2035	ALT1	WB	MD	Ramp	0.14	0.20	2.73	0.41	1307	881	0.0114	0.0105	0.0044	0.0002	0.0030	0.0075	0.0009	0.0007	0.0001	0.0032	0.0330
312	2035	ALT1	WB	MD	Ramp	0.04	0.05	1.00	0.14	397	267	0.0030	0.0028	0.0011	0.0001	0.0006	0.0015	0.0002	0.0002	0.0000	0.0010	0.0055
313	2035	ALT1	WB	MD	Ramp	0.30	0.42	9.53	1.32	3498	2363	0.0261	0.0242	0.0096	0.0005	0.0051	0.0135	0.0020	0.0014	0.0002	0.0108	0.0508
314	2035	ALT1	WB	MD	Ramp	0.07	0.11	2.03	0.24	828	548	0.0060	0.0055	0.0025	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0013	0.0071
315	2035	ALT1	WB	MD	Ramp	0.11	0.16	2.55	0.35	1129	756	0.0092	0.0085	0.0035	0.0002	0.0018	0.0048	0.0008	0.0006	0.0001	0.0025	0.0178
316	2035	ALT1	WB	MD	Ramp	0.07	0.10	1.84	0.21	743	490	0.0052	0.0048	0.0022	0.0001	0.0007	0.0022	0.0005	0.0004	0.0001	0.0009	0.0048
317	2035	ALT1	WB	MD	Ramp	0.08	0.11	1.65	0.25	759	513	0.0065	0.0060	0.0025	0.0001	0.0015	0.0039	0.0005	0.0004	0.0001	0.0021	0.0167
318	2035	ALT1	WB	MD	Ramp	0.04	0.06	1.28	0.14	478	315	0.0031	0.0029	0.0014	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0006	0.0030
319	2035	ALT1	WB	MD	Ramp	0.10	0.15	2.50	0.34	1098	734	0.0088	0.0081	0.0034	0.0002	0.0016	0.0045	0.0007	0.0006	0.0001	0.0023	0.0159
320	2035	ALT1	WB	MD	Ramp	0.07	0.10	1.72	0.21	719	477	0.0054	0.0050	0.0022	0.0001	0.0008	0.0024	0.0005	0.0004	0.0001	0.0012	0.0067
321	2035	ALT1	WB	MD	Ramp	0.12	0.17	2.53	0.34	1161	775	0.0095	0.0088	0.0038	0.0002	0.0020	0.0053	0.0008	0.0006	0.0001	0.0023	0.0202
322	2035	ALT1	WB	MD	Ramp	0.09	0.12	1.58	0.24	780	525	0.0069	0.0064	0.0027	0.0001	0.0019	0.0048	0.0006	0.0004	0.0001	0.0018	0.0216
323	2035	ALT1	WB	MD	Ramp	0.15	0.21	4.37	0.67	1702	1161	0.0140	0.0129	0.0048	0.0002	0.0030	0.0076	0.0010	0.0007	0.0001	0.0063	0.0322
324	2035	ALT1	WB	MD	Ramp	0.04	0.05	1.06	0.15	407	275	0.0031	0.0029	0.0011	0.0001	0.0006	0.0016	0.0002	0.0002	0.0000	0.0012	0.0063
325	2035	ALT1	WB	MD	Ramp	0.26	0.38	5.68	0.87	2616	1771	0.0228	0.0211	0.0085	0.0004	0.0055	0.0139	0.0018	0.0014	0.0002	0.0075	0.0603
326	2035	ALT1	WB	MD	Ramp	0.09	0.14	2.61	0.33	1056	703	0.0078	0.0072	0.0031	0.0002	0.0013	0.0036	0.0007	0.0005	0.0001	0.0020	0.0111
327	2035	ALT1	WB	MD	Ramp	0.20	0.29	3.73	0.63	1833	1250	0.0169	0.0156	0.0064	0.0003	0.0053	0.0127	0.0013	0.0010	0.0002	0.0058	0.0621
328	2035	ALT1	WB	MD	Ramp	0.04	0.06	1.33	0.16	498	331	0.0034	0.0032	0.0014	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0010	0.0049
329	2035	ALT1	WB	MD	Ramp	0.10	0.14	2.33	0.32	1033	692	0.0084	0.0078	0.0032	0.0002	0.0017	0.0045	0.0007	0.0005	0.0001	0.0024	0.0168
330	2035	ALT1	WB	MD	Ramp	0.03	0.04	0.84	0.12	320	216	0.0024	0.0023	0.0009	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0010	0.0049
331	2035	ALT1	WB	MD	Ramp	0.13	0.18	3.93	0.57	1506	1021	0.0118	0.0109	0.0042	0.0002	0.0024	0.0062	0.0009	0.0006	0.0001	0.0049	0.0246
332	2035	ALT1	WB	MD	Ramp	0.04	0.06	1.31	0.21	493	340	0.0043	0.0040	0.0013	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0024	0.0103
333	2035	ALT1	WB	MD	Ramp	0.11	0.16	3.18	0.54	1269	878	0.0114	0.0105	0.0035	0.0002	0.0027	0.0065	0.0007	0.0005	0.0001	0.0060	0.0303
334	2035	ALT1	WB	MD	Ramp	0.05	0.07	1.41	0.24	549	381	0.0050	0.0046	0.0015	0.0001	0.0012	0.0028	0.0003	0.0002	0.0000	0.0028	0.0131
335	2035	ALT1	WB	MD	Ramp	0.17	0.23	4.29	0.87	1831	1294	0.0188	0.0174	0.0052	0.0002	0.0050	0.0115	0.0010	0.0007	0.0001	0.0114	0.0592
336	2035	ALT1	WB	MD	Ramp	0.15	0.20	3.84	0.71	1601	1117	0.0153	0.0141	0.0045	0.0002	0.0038	0.0091	0.0009	0.0006	0.0001	0.0084	0.0443
337	2035	ALT1	WB	MD	Ramp	0.05	0.07	1.22	0.33	566	416	0.0072	0.0066	0.0016	0.0001	0.0021	0.0046	0.0003	0.0002	0.0000	0.0053	0.0261
338	2035	ALT1	WB	MD	Ramp	0.04	0.05	0.77	0.27	406	309	0.0061	0.0056	0.0011	0.0000	0.0019	0.0041	0.0002	0.0001	0.0000	0.0049	0.0247
339	2035	ALT1	WB	MD	Ramp	0.20	0.27	6.64	0.93	2352	1588	0.0176	0.0162	0.0063	0.0003	0.0030	0.0082	0.0014	0.0008	0.0001	0.0088	0.0277
340	2035	ALT1	WB	MD	Ramp	0.74	0.99	18.55	4.03	7984	5698	0.0866	0.0799	0.0222	0.0009	0.0235	0.0534	0.0043	0.0027	0.0006	0.0564	0.2834
341	2035	ALT1	WB	MD	Ramp	0.65	0.90	16.56	2.96	6994	4852	0.0651	0.0601	0.0201	0.0009	0.0160	0.0384	0.0041	0.0028	0.0005	0.0333	0.1827
342	2035	ALT1	WB	MD	Ramp	0.10	0.14	2.71	0.46	1132	779	0.0101	0.0093	0.0033	0.0001	0.0024	0.0058	0.0007	0.0005	0.0001	0.0048	0.0264
343	2035	ALT1	WB	MD	Ramp	0.19	0.26	2.38	0.58	1334	942	0.0146	0.0135	0.0056	0.0002	0.0081	0.0177	0.0010	0.0007	0.0001	0.0067	0.1035
344	2035	ALT1	WB	MD	Ramp	0.08	0.12	2.21	0.37	914	630	0.0082	0.0076	0.0026	0.0001	0.0019	0.0047	0.0005	0.0004	0.0001	0.0040	0.0216
345	2035	ALT1	WB	MD	Ramp	0.04	0.05	0.60	0.13	304	213	0.0032	0.0029	0.0011	0.0000	0.0012	0.0027	0.0002	0.0001	0.0000	0.0015	0.0145
346	2035	ALT1	WB	MD	Ramp	0.10	0.14	1.62	0.36	840	592	0.0089	0.0082	0.0031	0.0001	0.0037	0.0083	0.0006	0.0004	0.0001	0.0044	0.0466
347	2035	ALT1	WB	MD	Ramp	0.16	0.23	2.73	0.36	1408	934	0.0122	0.0113	0.0051	0.0002	0.0028	0.0074	0.0011	0.0009	0.0001	0.0020	0.0290
348	2035	ALT1	WB	MD	Ramp	0.41	0.55	10.55	2.09	4435	3126	0.0449	0.0414	0.0124	0.0005	0.0117	0.0271	0.0025	0.0016	0.0003	0.0270	0.1379
349	2035	ALT1	WB	MD	Ramp	0.13	0.17	2.85	0.63	1306	927	0.0140	0.0129	0.0038	0.0002	0.0039	0.0089	0.0007	0.0005	0.0001	0.0084	0.0469

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
350	2035	ALT1	WB	MD	Ramp	0.09	0.13	3.07	0.42	1111	749	0.0081	0.0075	0.0030	0.0001	0.0015	0.0041	0.0006	0.0004	0.0001	0.0033	0.0149
351	2035	ALT1	WB	MD	Ramp	0.09	0.12	1.40	0.33	730	518	0.0080	0.0074	0.0026	0.0001	0.0034	0.0075	0.0005	0.0003	0.0001	0.0042	0.0423
352	2035	ALT1	WB	MD	Ramp	0.07	0.10	1.74	0.20	744	490	0.0054	0.0050	0.0023	0.0001	0.0007	0.0023	0.0005	0.0004	0.0001	0.0008	0.0054
353	2035	ALT1	WB	MD	Ramp	0.13	0.19	3.81	0.51	1486	998	0.0112	0.0103	0.0042	0.0002	0.0021	0.0057	0.0009	0.0007	0.0001	0.0038	0.0201
354	2035	ALT1	WB	MD	Ramp	0.27	0.38	5.25	0.83	2513	1704	0.0224	0.0207	0.0085	0.0004	0.0063	0.0153	0.0017	0.0013	0.0002	0.0072	0.0707
355	2035	ALT1	WB	MD	Ramp	0.09	0.12	2.06	0.31	913	618	0.0078	0.0072	0.0028	0.0001	0.0016	0.0042	0.0006	0.0005	0.0001	0.0027	0.0170
356	2035	ALT1	WB	MD	Ramp	0.09	0.13	1.88	0.25	861	573	0.0069	0.0064	0.0028	0.0001	0.0014	0.0038	0.0006	0.0005	0.0001	0.0015	0.0137
357	2035	ALT1	WB	MD	Ramp	0.26	0.37	4.82	0.66	2379	1587	0.0203	0.0188	0.0083	0.0004	0.0049	0.0126	0.0018	0.0014	0.0002	0.0042	0.0514
358	2035	ALT1	WB	MD	Ramp	0.17	0.24	2.40	0.47	1308	901	0.0131	0.0122	0.0053	0.0002	0.0059	0.0134	0.0010	0.0008	0.0001	0.0046	0.0731
359	2035	ALT1	WB	MD	Ramp	0.15	0.21	2.62	0.38	1311	879	0.0115	0.0107	0.0047	0.0002	0.0032	0.0079	0.0010	0.0008	0.0001	0.0028	0.0349
360	2035	ALT1	WB	MD	Ramp	0.12	0.17	2.11	0.31	1068	717	0.0095	0.0088	0.0039	0.0002	0.0027	0.0066	0.0008	0.0006	0.0001	0.0022	0.0297
361	2035	ALT1	WB	MD	Ramp	0.15	0.22	2.25	0.31	1242	824	0.0113	0.0104	0.0048	0.0002	0.0029	0.0074	0.0010	0.0008	0.0001	0.0017	0.0306
362	2035	ALT1	WB	MD	Ramp	0.07	0.09	1.61	0.29	704	487	0.0066	0.0061	0.0021	0.0001	0.0016	0.0039	0.0004	0.0003	0.0001	0.0032	0.0182
363	2035	ALT1	WB	MD	Ramp	0.20	0.30	4.03	0.50	1943	1285	0.0158	0.0146	0.0066	0.0003	0.0030	0.0084	0.0014	0.0012	0.0002	0.0025	0.0286
364	2035	ALT1	WB	MD	HOV																	
365	2035	ALT1	WB	MD	HOV																	
366	2035	ALT1	WB	MD	HOV																	
367	2035	ALT1	WB	MD	HOV																	
368	2035	ALT1	WB	MD	HOV																	
369	2035	ALT1	WB	MD	HOV																	
370	2035	ALT1	WB	MD	HOV																	
371	2035	ALT1	WB	MD	HOV																	
372	2035	ALT1	WB	MD	HOV																	
373	2035	ALT1	WB	MD	HOV																	
374	2035	ALT1	WB	MD	HOV																	
375	2035	ALT1	WB	MD	HOV																	
376	2035	ALT1	WB	MD	HOV																	
377	2035	ALT1	WB	MD	HOV																	
378	2035	ALT1	WB	MD	HOV																	
379	2035	ALT1	WB	MD	HOV																	
380	2035	ALT1	WB	MD	HOV																	
381	2035	ALT1	WB	MD	HOV																	
382	2035	ALT1	WB	MD	HOV																	
383	2035	ALT1	WB	MD	HOV																	
384	2035	ALT1	WB	MD	HOV																	
385	2035	ALT1	WB	MD	HOV																	
386	2035	ALT1	WB	MD	HOV																	
387	2035	ALT1	WB	MD	HOV																	
388	2035	ALT1	WB	MD	HOV																	
389	2035	ALT1	WB	MD	HOV																	
390	2035	ALT1	WB	MD	HOV																	
391	2035	ALT1	WB	MD	HOV																	
392	2035	ALT1	WB	MD	HOV																	
393	2035	ALT1	WB	MD	HOV																	
394	2035	ALT1	WB	MD	HOV																	
395	2035	ALT1	WB	MD	HOV																	
396	2035	ALT1	WB	MD	HOV																	
397	2035	ALT1	WB	MD	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
398	2035	ALT1	WB	MD	HOV																	
399	2035	ALT1	WB	MD	HOV																	
400	2035	ALT1	WB	MD	HOV																	
401	2035	ALT1	WB	MD	HOV																	
402	2035	ALT1	WB	MD	HOV																	
403	2035	ALT1	WB	MD	HOV																	
404	2035	ALT1	WB	MD	HOV																	
405	2035	ALT1	WB	MD	HOV																	
406	2035	ALT1	WB	MD	HOV																	
407	2035	ALT1	WB	MD	HOV																	
408	2035	ALT1	WB	MD	HOV																	
409	2035	ALT1	WB	MD	HOV																	
410	2035	ALT1	WB	MD	HOV																	
411	2035	ALT1	WB	MD	HOV																	
412	2035	ALT1	WB	MD	HOV																	
413	2035	ALT1	WB	MD	HOV																	
414	2035	ALT1	WB	MD	HOV																	
415	2035	ALT1	WB	MD	HOV																	
416	2035	ALT1	WB	MD	HOV																	
417	2035	ALT1	WB	MD	HOV																	
418	2035	ALT1	WB	MD	HOV																	
419	2035	ALT1	WB	MD	HOV	0.29	0.41	10.87	1.08	3551	2308	0.0172	0.0159	0.0096	0.0005	0.0018	0.0073	0.0022	0.0014	0.0002	0.0011	0.0038
420	2035	ALT1	WB	MD	HOV	0.20	0.29	7.63	0.76	2492	1620	0.0121	0.0112	0.0067	0.0004	0.0013	0.0051	0.0015	0.0010	0.0001	0.0008	0.0027
421	2035	ALT1	WB	MD	HOV	0.20	0.28	7.36	0.73	2407	1564	0.0117	0.0109	0.0065	0.0003	0.0012	0.0050	0.0015	0.0010	0.0001	0.0007	0.0026
422	2035	ALT1	WB	MD	HOV	0.19	0.26	7.12	0.73	2302	1496	0.0106	0.0098	0.0062	0.0003	0.0012	0.0048	0.0014	0.0009	0.0001	0.0008	0.0023
423	2035	ALT1	WB	MD	HOV	0.36	0.51	13.72	1.40	4438	2885	0.0204	0.0189	0.0120	0.0006	0.0023	0.0092	0.0027	0.0017	0.0002	0.0015	0.0045
424	2035	ALT1	WB	MD	HOV	0.09	0.12	3.36	0.34	1086	706	0.0050	0.0046	0.0029	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0011
425	2035	ALT1	WB	MD	HOV	0.21	0.29	7.93	0.81	2566	1668	0.0118	0.0109	0.0069	0.0004	0.0014	0.0053	0.0016	0.0010	0.0001	0.0008	0.0026
426	2035	ALT1	WB	MD	HOV	0.10	0.14	3.71	0.39	1218	792	0.0054	0.0050	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0012
427	2035	ALT1	WB	MD	HOV	0.20	0.27	7.09	0.75	2330	1515	0.0103	0.0095	0.0064	0.0003	0.0013	0.0049	0.0015	0.0008	0.0001	0.0008	0.0022
428	2035	ALT1	WB	MD	HOV	0.21	0.29	7.57	0.80	2488	1617	0.0110	0.0102	0.0069	0.0004	0.0013	0.0053	0.0016	0.0009	0.0001	0.0009	0.0024
429	2035	ALT1	WB	MD	HOV	0.14	0.19	5.04	0.53	1658	1078	0.0073	0.0068	0.0046	0.0002	0.0009	0.0035	0.0010	0.0006	0.0001	0.0006	0.0016
430	2035	ALT1	WB	MD	HOV	0.24	0.33	8.88	0.92	2888	1877	0.0131	0.0121	0.0079	0.0004	0.0015	0.0060	0.0018	0.0011	0.0002	0.0010	0.0029
431	2035	ALT1	WB	MD	HOV	0.22	0.30	8.00	0.83	2603	1692	0.0118	0.0109	0.0071	0.0004	0.0014	0.0054	0.0016	0.0010	0.0001	0.0009	0.0026
432	2035	ALT1	WB	MD	HOV	0.25	0.35	9.42	0.97	3066	1993	0.0139	0.0129	0.0084	0.0004	0.0016	0.0064	0.0019	0.0011	0.0002	0.0010	0.0030
433	2035	ALT1	WB	MD	HOV	0.20	0.27	7.27	0.75	2366	1538	0.0107	0.0099	0.0065	0.0003	0.0013	0.0049	0.0015	0.0009	0.0001	0.0008	0.0023
434	2035	ALT1	WB	MD	HOV	0.17	0.23	6.11	0.63	1989	1293	0.0090	0.0084	0.0054	0.0003	0.0011	0.0042	0.0012	0.0007	0.0001	0.0007	0.0020
435	2035	ALT1	WB	MD	HOV	0.39	0.54	14.50	1.45	4727	3073	0.0227	0.0210	0.0128	0.0007	0.0025	0.0098	0.0029	0.0019	0.0003	0.0015	0.0050
436	2035	ALT1	WB	MD	HOV	0.04	0.05	1.39	0.14	454	295	0.0022	0.0020	0.0012	0.0001	0.0002	0.0009	0.0003	0.0002	0.0000	0.0001	0.0005
437	2035	ALT1	WB	MD	HOV	0.41	0.58	15.42	1.54	5028	3268	0.0241	0.0224	0.0136	0.0007	0.0026	0.0104	0.0031	0.0020	0.0003	0.0016	0.0053
216	2035	ALT1	WB	PM	Mainline	0.94	1.20	20.02	4.96	9665	6925	0.1713	0.1578	0.0285	0.0013	0.0201	0.0492	0.0060	0.0026	0.0010	0.1438	0.2133
217	2035	ALT1	WB	PM	Mainline	1.69	2.14	36.06	9.27	17549	12646	0.3219	0.2965	0.0508	0.0023	0.0381	0.0921	0.0106	0.0046	0.0018	0.2731	0.4129
218	2035	ALT1	WB	PM	Mainline	1.42	1.82	33.19	6.99	14828	10407	0.2087	0.1924	0.0436	0.0021	0.0265	0.0672	0.0093	0.0042	0.0013	0.1633	0.2655
219	2035	ALT1	WB	PM	Mainline	1.86	2.40	48.12	10.02	20518	14478	0.2734	0.2520	0.0565	0.0026	0.0399	0.0978	0.0118	0.0057	0.0017	0.2114	0.4270
220	2035	ALT1	WB	PM	Mainline	1.09	1.41	26.83	5.49	11655	8169	0.1555	0.1433	0.0335	0.0016	0.0208	0.0526	0.0071	0.0033	0.0010	0.1195	0.2121
221	2035	ALT1	WB	PM	Mainline	0.92	1.19	24.09	4.94	10187	7176	0.1328	0.1224	0.0280	0.0013	0.0196	0.0481	0.0059	0.0029	0.0008	0.1018	0.2087
222	2035	ALT1	WB	PM	Mainline	1.09	1.41	27.59	5.52	11792	8250	0.1514	0.1396	0.0335	0.0016	0.0208	0.0526	0.0071	0.0034	0.0010	0.1148	0.2121
223	2035	ALT1	WB	PM	Mainline	0.51	0.66	13.46	2.64	5637	3941	0.0698	0.0643	0.0157	0.0007	0.0100	0.0252	0.0033	0.0016	0.0004	0.0522	0.1034

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
224	2035	ALT1	WB	PM	Mainline	0.57	0.74	14.05	2.41	5876	4011	0.0610	0.0562	0.0179	0.0009	0.0080	0.0222	0.0039	0.0018	0.0004	0.0412	0.0682
225	2035	ALT1	WB	PM	Mainline	0.37	0.48	8.96	1.55	3767	2573	0.0396	0.0365	0.0115	0.0006	0.0052	0.0143	0.0025	0.0011	0.0003	0.0269	0.0441
226	2035	ALT1	WB	PM	Mainline	1.73	2.22	39.42	6.83	17016	11613	0.1837	0.1694	0.0540	0.0027	0.0231	0.0649	0.0119	0.0052	0.0013	0.1263	0.1897
227	2035	ALT1	WB	PM	Mainline	0.69	0.88	15.56	2.60	6685	4542	0.0685	0.0632	0.0215	0.0011	0.0087	0.0248	0.0048	0.0021	0.0005	0.0457	0.0678
228	2035	ALT1	WB	PM	Mainline	0.39	0.51	8.99	1.46	3825	2590	0.0371	0.0343	0.0123	0.0006	0.0048	0.0138	0.0027	0.0012	0.0003	0.0239	0.0359
229	2035	ALT1	WB	PM	Mainline	2.31	3.00	59.17	9.67	24055	16337	0.2288	0.2111	0.0723	0.0036	0.0309	0.0870	0.0160	0.0074	0.0017	0.1466	0.2564
230	2035	ALT1	WB	PM	Mainline	0.60	0.78	15.15	2.44	6198	4198	0.0578	0.0533	0.0189	0.0010	0.0077	0.0221	0.0042	0.0019	0.0004	0.0365	0.0614
231	2035	ALT1	WB	PM	Mainline	0.60	0.78	16.18	2.60	6431	4366	0.0592	0.0546	0.0189	0.0009	0.0082	0.0230	0.0042	0.0020	0.0004	0.0372	0.0697
232	2035	ALT1	WB	PM	Mainline	0.66	0.86	17.58	2.80	6989	4737	0.0632	0.0583	0.0206	0.0010	0.0088	0.0247	0.0046	0.0022	0.0005	0.0391	0.0725
233	2035	ALT1	WB	PM	Mainline	2.16	2.93	71.21	10.32	25482	17314	0.1989	0.1837	0.0681	0.0033	0.0378	0.0987	0.0146	0.0088	0.0017	0.1008	0.3764
234	2035	ALT1	WB	PM	Mainline	0.33	0.44	10.63	1.56	3830	2597	0.0305	0.0282	0.0103	0.0005	0.0052	0.0139	0.0022	0.0012	0.0002	0.0166	0.0485
235	2035	ALT1	WB	PM	Mainline	1.56	2.15	50.19	7.05	18269	12365	0.1378	0.1274	0.0496	0.0024	0.0271	0.0712	0.0106	0.0069	0.0012	0.0604	0.2710
236	2035	ALT1	WB	PM	Mainline	0.88	1.19	29.26	4.18	10386	7037	0.0796	0.0735	0.0278	0.0013	0.0144	0.0383	0.0060	0.0035	0.0007	0.0404	0.1385
237	2035	ALT1	WB	PM	Mainline	1.56	2.03	42.45	6.71	16723	11334	0.1496	0.1381	0.0488	0.0025	0.0210	0.0590	0.0108	0.0052	0.0011	0.0921	0.1756
238	2035	ALT1	WB	PM	Mainline	0.49	0.64	13.97	2.14	5344	3618	0.0456	0.0421	0.0153	0.0008	0.0067	0.0187	0.0034	0.0017	0.0003	0.0271	0.0570
239	2035	ALT1	WB	PM	Mainline	0.43	0.56	12.37	1.89	4711	3190	0.0400	0.0370	0.0134	0.0007	0.0059	0.0165	0.0029	0.0015	0.0003	0.0237	0.0506
240	2035	ALT1	WB	PM	Mainline	0.52	0.68	15.78	2.32	5849	3951	0.0470	0.0434	0.0163	0.0008	0.0072	0.0200	0.0036	0.0018	0.0004	0.0265	0.0615
241	2035	ALT1	WB	PM	Mainline	1.87	2.50	60.14	8.77	21707	14692	0.1708	0.1578	0.0589	0.0029	0.0283	0.0769	0.0128	0.0070	0.0014	0.0924	0.2586
242	2035	ALT1	WB	PM	Mainline	0.13	0.18	3.95	0.59	1490	1007	0.0122	0.0113	0.0042	0.0002	0.0018	0.0051	0.0009	0.0005	0.0001	0.0070	0.0153
243	2035	ALT1	WB	PM	Mainline	1.61	2.16	52.48	7.64	18848	12766	0.1479	0.1366	0.0509	0.0025	0.0250	0.0676	0.0110	0.0062	0.0012	0.0793	0.2327
244	2035	ALT1	WB	PM	Mainline	0.25	0.33	7.38	1.12	2810	1900	0.0235	0.0217	0.0080	0.0004	0.0035	0.0097	0.0018	0.0009	0.0002	0.0137	0.0292
245	2035	ALT1	WB	PM	Mainline	1.52	2.03	49.22	7.22	17719	12009	0.1403	0.1296	0.0478	0.0023	0.0237	0.0639	0.0104	0.0058	0.0011	0.0761	0.2214
246	2035	ALT1	WB	PM	Mainline	1.21	1.59	35.65	5.37	13454	9099	0.1119	0.1033	0.0380	0.0019	0.0167	0.0466	0.0084	0.0042	0.0009	0.0649	0.1425
247	2035	ALT1	WB	PM	Mainline	1.54	2.05	49.43	7.30	17884	12126	0.1432	0.1322	0.0484	0.0024	0.0240	0.0646	0.0105	0.0058	0.0011	0.0788	0.2231
248	2035	ALT1	WB	PM	Mainline	0.49	0.65	14.16	2.16	5415	3665	0.0460	0.0425	0.0155	0.0008	0.0067	0.0189	0.0034	0.0017	0.0004	0.0272	0.0571
249	2035	ALT1	WB	PM	Mainline	1.60	2.10	44.88	6.98	17422	11798	0.1519	0.1402	0.0503	0.0025	0.0218	0.0611	0.0111	0.0054	0.0011	0.0916	0.1832
250	2035	ALT1	WB	PM	Mainline	2.48	3.26	73.25	11.08	27638	18706	0.2315	0.2137	0.0779	0.0039	0.0346	0.0964	0.0171	0.0087	0.0018	0.1351	0.2990
251	2035	ALT1	WB	PM	Mainline	1.85	2.46	57.97	8.67	21283	14437	0.1749	0.1615	0.0583	0.0029	0.0282	0.0765	0.0127	0.0068	0.0014	0.0995	0.2588
252	2035	ALT1	WB	PM	Mainline	1.52	2.00	44.60	6.81	16924	11464	0.1439	0.1328	0.0479	0.0024	0.0214	0.0595	0.0105	0.0053	0.0011	0.0850	0.1855
253	2035	ALT1	WB	PM	Mainline	1.09	1.43	31.94	4.88	12121	8210	0.1030	0.0951	0.0343	0.0017	0.0153	0.0426	0.0075	0.0038	0.0008	0.0609	0.1329
254	2035	ALT1	WB	PM	Mainline	1.05	1.38	30.80	4.70	11685	7915	0.0993	0.0917	0.0330	0.0016	0.0148	0.0411	0.0072	0.0037	0.0008	0.0587	0.1281
255	2035	ALT1	WB	PM	Mainline	1.74	2.30	53.07	8.21	19842	13505	0.1722	0.1590	0.0546	0.0027	0.0272	0.0731	0.0118	0.0062	0.0013	0.1035	0.2524
256	2035	ALT1	WB	PM	Mainline	1.12	1.46	30.97	4.92	12120	8228	0.1094	0.1009	0.0350	0.0017	0.0156	0.0434	0.0077	0.0038	0.0008	0.0678	0.1341
257	2035	ALT1	WB	PM	Mainline	1.34	1.77	39.72	6.24	15087	10272	0.1344	0.1241	0.0421	0.0021	0.0205	0.0555	0.0091	0.0047	0.0010	0.0827	0.1876
258	2035	ALT1	WB	PM	Mainline	1.33	1.72	33.67	5.46	13716	9303	0.1290	0.1191	0.0415	0.0021	0.0174	0.0492	0.0092	0.0043	0.0009	0.0820	0.1413
259	2035	ALT1	WB	PM	Mainline	1.96	2.53	48.18	7.90	19913	13508	0.1910	0.1762	0.0613	0.0031	0.0252	0.0718	0.0136	0.0062	0.0014	0.1227	0.2019
260	2035	ALT1	WB	PM	Mainline	1.25	1.63	32.00	5.20	13013	8831	0.1227	0.1133	0.0393	0.0020	0.0166	0.0468	0.0087	0.0040	0.0009	0.0782	0.1358
261	2035	ALT1	WB	PM	Mainline	1.49	1.94	39.73	6.42	15855	10769	0.1474	0.1360	0.0467	0.0023	0.0204	0.0571	0.0103	0.0049	0.0011	0.0932	0.1730
262	2035	ALT1	WB	PM	Mainline	4.04	5.24	103.69	16.79	42025	28510	0.3936	0.3632	0.1264	0.0064	0.0533	0.1508	0.0279	0.0130	0.0029	0.2496	0.4376
263	2035	ALT1	WB	PM	Mainline	1.86	2.44	53.18	8.27	20440	13863	0.1787	0.1649	0.0583	0.0029	0.0262	0.0726	0.0128	0.0064	0.0013	0.1081	0.2271
264	2035	ALT1	WB	PM	Mainline	0.75	1.02	24.77	3.57	8865	6021	0.0688	0.0636	0.0237	0.0011	0.0131	0.0343	0.0051	0.0031	0.0006	0.0343	0.1309
265	2035	ALT1	WB	PM	Mainline	0.38	0.51	11.77	1.79	4364	2965	0.0369	0.0340	0.0120	0.0006	0.0059	0.0159	0.0026	0.0014	0.0003	0.0216	0.0540
266	2035	ALT1	WB	PM	Mainline	1.35	1.78	40.49	6.13	15169	10282	0.1277	0.1179	0.0423	0.0021	0.0195	0.0536	0.0092	0.0047	0.0010	0.0749	0.1726
267	2035	ALT1	WB	PM	Mainline	0.38	0.50	11.74	1.77	4341	2944	0.0361	0.0333	0.0120	0.0006	0.0057	0.0155	0.0026	0.0014	0.0003	0.0208	0.0517
268	2035	ALT1	WB	PM	Mainline	0.08	0.10	1.99	0.31	806	545	0.0072	0.0066	0.0025	0.0001	0.0010	0.0028	0.0005	0.0003	0.0001	0.0044	0.0075
269	2035	ALT1	WB	PM	Mainline	1.72	2.31	56.40	8.08	20132	13611	0.1543	0.1425	0.0543	0.0027	0.0262	0.0711	0.0118	0.0066	0.0013	0.0802	0.2410
270	2035	ALT1	WB	PM	Mainline	0.86	1.18	28.78	3.95	10220	6901	0.0750	0.0693	0.0274	0.0013	0.0142	0.0379	0.0059	0.0037	0.0007	0.0333	0.1378
271	2035	ALT1	WB	PM	Mainline	1.01	1.34	31.15	4.81	11582	7887	0.1000	0.0923	0.0317	0.0015	0.0161	0.0431	0.0069	0.0036	0.0008	0.0596	0.1514

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
272	2035	ALT1	WB	PM	Mainline	0.76	1.02	24.67	3.68	8904	6059	0.0723	0.0668	0.0239	0.0012	0.0129	0.0339	0.0051	0.0029	0.0006	0.0398	0.1256
273	2035	ALT1	WB	PM	Mainline	0.77	1.02	23.44	3.59	8767	5955	0.0750	0.0692	0.0243	0.0012	0.0116	0.0316	0.0053	0.0027	0.0006	0.0446	0.1054
274	2035	ALT1	WB	PM	Mainline	0.91	1.20	26.41	4.12	10101	6861	0.0890	0.0822	0.0285	0.0014	0.0133	0.0364	0.0062	0.0031	0.0007	0.0542	0.1176
275	2035	ALT1	WB	PM	Mainline	1.68	2.18	43.81	6.87	17523	11841	0.1548	0.1429	0.0527	0.0027	0.0212	0.0608	0.0117	0.0055	0.0012	0.0940	0.1675
276	2035	ALT1	WB	PM	Mainline	0.48	0.63	12.59	1.93	5020	3381	0.0425	0.0392	0.0152	0.0008	0.0058	0.0170	0.0034	0.0016	0.0003	0.0249	0.0438
277	2035	ALT1	WB	PM	Mainline	0.97	1.27	26.45	4.07	10370	7000	0.0884	0.0816	0.0306	0.0015	0.0124	0.0354	0.0068	0.0033	0.0007	0.0523	0.0986
278	2035	ALT1	WB	PM	Mainline	0.52	0.68	14.79	2.26	5672	3835	0.0480	0.0443	0.0163	0.0008	0.0070	0.0196	0.0036	0.0018	0.0004	0.0282	0.0583
279	2035	ALT1	WB	PM	Mainline	0.98	1.33	32.72	4.63	11604	7846	0.0878	0.0811	0.0311	0.0015	0.0154	0.0416	0.0067	0.0039	0.0007	0.0442	0.1445
280	2035	ALT1	WB	PM	Mainline	0.96	1.26	27.86	4.27	10596	7179	0.0905	0.0835	0.0300	0.0015	0.0134	0.0373	0.0066	0.0033	0.0007	0.0537	0.1164
281	2035	ALT1	WB	PM	Mainline	0.69	0.92	22.38	3.25	8023	5436	0.0629	0.0581	0.0216	0.0011	0.0108	0.0291	0.0047	0.0026	0.0005	0.0335	0.1017
282	2035	ALT1	WB	PM	Mainline	0.99	1.30	29.36	4.51	11080	7520	0.0952	0.0879	0.0310	0.0015	0.0144	0.0396	0.0068	0.0035	0.0007	0.0568	0.1285
283	2035	ALT1	WB	PM	Mainline	0.91	1.21	28.48	4.26	10473	7103	0.0861	0.0795	0.0287	0.0014	0.0138	0.0375	0.0062	0.0033	0.0007	0.0491	0.1261
284	2035	ALT1	WB	PM	Mainline	1.15	1.55	38.03	5.46	13545	9177	0.1046	0.0966	0.0363	0.0018	0.0186	0.0496	0.0078	0.0045	0.0009	0.0540	0.1769
285	2035	ALT1	WB	PM	Mainline	0.81	1.07	24.95	3.68	9211	6226	0.0741	0.0685	0.0256	0.0013	0.0114	0.0318	0.0056	0.0029	0.0006	0.0417	0.0997
286	2035	ALT1	WB	PM	Mainline	0.72	0.96	23.61	3.37	8417	5688	0.0642	0.0593	0.0227	0.0011	0.0109	0.0296	0.0049	0.0028	0.0005	0.0331	0.0996
287	2035	ALT1	WB	PM	Mainline	1.29	1.71	38.79	5.72	14482	9775	0.1165	0.1076	0.0408	0.0020	0.0175	0.0492	0.0090	0.0046	0.0009	0.0656	0.1475
288	2035	ALT1	WB	PM	Mainline	0.14	0.19	4.05	0.60	1554	1046	0.0125	0.0115	0.0045	0.0002	0.0018	0.0052	0.0010	0.0005	0.0001	0.0070	0.0140
289	2035	ALT1	WB	PM	Mainline	1.38	1.83	42.54	6.11	15614	10516	0.1205	0.1113	0.0435	0.0022	0.0183	0.0520	0.0096	0.0050	0.0010	0.0650	0.1534
290	2035	ALT1	WB	PM	Ramp	0.06	0.08	2.08	0.25	717	475	0.0045	0.0041	0.0019	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0013	0.0055
291	2035	ALT1	WB	PM	Ramp	0.05	0.07	1.54	0.18	573	379	0.0038	0.0035	0.0016	0.0001	0.0006	0.0017	0.0004	0.0003	0.0000	0.0009	0.0045
292	2035	ALT1	WB	PM	Ramp	0.02	0.03	0.66	0.08	230	152	0.0014	0.0013	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0003	0.0015
293	2035	ALT1	WB	PM	Ramp	0.16	0.24	2.53	0.34	1382	917	0.0124	0.0115	0.0053	0.0002	0.0031	0.0080	0.0011	0.0009	0.0001	0.0019	0.0329
294	2035	ALT1	WB	PM	Ramp	0.06	0.08	1.50	0.18	614	407	0.0045	0.0042	0.0018	0.0001	0.0007	0.0020	0.0004	0.0003	0.0000	0.0010	0.0056
295	2035	ALT1	WB	PM	Ramp	0.17	0.26	2.59	0.32	1489	979	0.0136	0.0126	0.0057	0.0003	0.0026	0.0072	0.0012	0.0011	0.0002	0.0013	0.0247
296	2035	ALT1	WB	PM	Ramp	0.06	0.08	1.12	0.17	544	367	0.0048	0.0044	0.0019	0.0001	0.0013	0.0033	0.0004	0.0003	0.0000	0.0014	0.0150
297	2035	ALT1	WB	PM	Ramp	1.88	2.55	34.03	8.52	17323	12419	0.1989	0.1837	0.0559	0.0021	0.0670	0.1494	0.0105	0.0073	0.0015	0.1182	0.8300
298	2035	ALT1	WB	PM	Ramp	0.00	0.01	0.13	0.01	46	30	0.0003	0.0003	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0003
299	2035	ALT1	WB	PM	Ramp	0.03	0.04	0.97	0.12	347	232	0.0024	0.0022	0.0009	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0008	0.0039
300	2035	ALT1	WB	PM	Ramp	0.35	0.49	11.28	1.35	4083	2711	0.0269	0.0249	0.0113	0.0006	0.0043	0.0127	0.0025	0.0017	0.0003	0.0073	0.0356
301	2035	ALT1	WB	PM	Ramp	0.18	0.26	3.00	0.40	1566	1040	0.0137	0.0127	0.0058	0.0003	0.0033	0.0086	0.0012	0.0010	0.0002	0.0023	0.0347
302	2035	ALT1	WB	PM	Ramp	0.02	0.02	0.53	0.07	194	129	0.0013	0.0012	0.0005	0.0000	0.0002	0.0007	0.0001	0.0001	0.0000	0.0004	0.0020
303	2035	ALT1	WB	PM	Ramp	0.06	0.09	1.67	0.21	694	461	0.0052	0.0048	0.0021	0.0001	0.0008	0.0024	0.0005	0.0003	0.0001	0.0012	0.0069
304	2035	ALT1	WB	PM	Ramp	0.03	0.05	0.92	0.12	378	252	0.0028	0.0026	0.0011	0.0001	0.0005	0.0013	0.0002	0.0002	0.0000	0.0007	0.0042
305	2035	ALT1	WB	PM	Ramp	0.13	0.19	2.74	0.37	1279	854	0.0105	0.0098	0.0042	0.0002	0.0023	0.0061	0.0009	0.0007	0.0001	0.0024	0.0234
306	2035	ALT1	WB	PM	Ramp	0.03	0.04	0.82	0.09	322	212	0.0022	0.0020	0.0009	0.0000	0.0003	0.0009	0.0002	0.0002	0.0000	0.0004	0.0019
307	2035	ALT1	WB	PM	Ramp	0.14	0.22	1.90	0.23	1225	802	0.0120	0.0112	0.0049	0.0002	0.0019	0.0056	0.0011	0.0010	0.0001	0.0008	0.0171
308	2035	ALT1	WB	PM	Ramp	0.06	0.09	1.52	0.20	675	451	0.0054	0.0050	0.0021	0.0001	0.0010	0.0028	0.0005	0.0004	0.0001	0.0014	0.0100
309	2035	ALT1	WB	PM	Ramp	0.18	0.26	2.08	0.31	1352	897	0.0138	0.0128	0.0058	0.0003	0.0040	0.0100	0.0012	0.0011	0.0002	0.0018	0.0458
310	2035	ALT1	WB	PM	Ramp	0.33	0.48	8.57	1.16	3609	2418	0.0284	0.0263	0.0108	0.0005	0.0050	0.0138	0.0023	0.0018	0.0003	0.0083	0.0472
311	2035	ALT1	WB	PM	Ramp	0.20	0.29	3.35	0.43	1772	1171	0.0154	0.0143	0.0065	0.0003	0.0032	0.0088	0.0014	0.0012	0.0002	0.0021	0.0322
312	2035	ALT1	WB	PM	Ramp	0.02	0.03	0.52	0.07	202	135	0.0015	0.0014	0.0006	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0005	0.0025
313	2035	ALT1	WB	PM	Ramp	0.29	0.41	9.22	1.14	3370	2246	0.0229	0.0212	0.0094	0.0005	0.0039	0.0111	0.0020	0.0014	0.0002	0.0068	0.0337
314	2035	ALT1	WB	PM	Ramp	0.07	0.10	1.71	0.19	722	475	0.0052	0.0048	0.0022	0.0001	0.0007	0.0022	0.0005	0.0004	0.0001	0.0008	0.0048
315	2035	ALT1	WB	PM	Ramp	0.09	0.14	2.24	0.28	986	655	0.0076	0.0071	0.0031	0.0002	0.0013	0.0037	0.0007	0.0005	0.0001	0.0016	0.0119
316	2035	ALT1	WB	PM	Ramp	0.05	0.08	1.40	0.15	577	378	0.0040	0.0037	0.0017	0.0001	0.0005	0.0016	0.0004	0.0003	0.0000	0.0005	0.0027
317	2035	ALT1	WB	PM	Ramp	0.07	0.10	1.58	0.20	721	480	0.0058	0.0053	0.0023	0.0001	0.0011	0.0031	0.0005	0.0004	0.0001	0.0012	0.0109
318	2035	ALT1	WB	PM	Ramp	0.04	0.06	1.29	0.14	503	330	0.0033	0.0031	0.0015	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0005	0.0027
319	2035	ALT1	WB	PM	Ramp	0.10	0.14	2.34	0.29	1021	676	0.0078	0.0072	0.0032	0.0002	0.0012	0.0036	0.0007	0.0006	0.0001	0.0015	0.0107

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
320	2035	ALT1	WB	PM	Ramp	0.07	0.10	1.56	0.18	711	468	0.0054	0.0050	0.0023	0.0001	0.0008	0.0025	0.0005	0.0004	0.0001	0.0008	0.0070
321	2035	ALT1	WB	PM	Ramp	0.09	0.13	1.91	0.24	876	581	0.0070	0.0065	0.0029	0.0001	0.0013	0.0037	0.0006	0.0005	0.0001	0.0014	0.0126
322	2035	ALT1	WB	PM	Ramp	0.08	0.12	1.29	0.18	691	459	0.0062	0.0057	0.0026	0.0001	0.0016	0.0040	0.0005	0.0005	0.0001	0.0010	0.0167
323	2035	ALT1	WB	PM	Ramp	0.12	0.17	3.66	0.47	1371	916	0.0097	0.0090	0.0038	0.0002	0.0017	0.0048	0.0008	0.0006	0.0001	0.0030	0.0154
324	2035	ALT1	WB	PM	Ramp	0.05	0.07	1.42	0.17	543	361	0.0038	0.0035	0.0015	0.0001	0.0006	0.0018	0.0003	0.0002	0.0000	0.0010	0.0052
325	2035	ALT1	WB	PM	Ramp	0.22	0.32	4.74	0.65	2175	1455	0.0179	0.0166	0.0071	0.0003	0.0038	0.0101	0.0015	0.0012	0.0002	0.0045	0.0392
326	2035	ALT1	WB	PM	Ramp	0.10	0.14	2.50	0.28	1065	701	0.0077	0.0071	0.0033	0.0002	0.0010	0.0033	0.0007	0.0006	0.0001	0.0011	0.0075
327	2035	ALT1	WB	PM	Ramp	0.11	0.16	2.19	0.32	1034	695	0.0088	0.0082	0.0035	0.0002	0.0022	0.0055	0.0007	0.0006	0.0001	0.0024	0.0234
328	2035	ALT1	WB	PM	Ramp	0.04	0.06	1.33	0.15	503	331	0.0033	0.0031	0.0014	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0006	0.0032
329	2035	ALT1	WB	PM	Ramp	0.07	0.10	1.72	0.21	746	493	0.0056	0.0052	0.0023	0.0001	0.0009	0.0026	0.0005	0.0004	0.0001	0.0010	0.0074
330	2035	ALT1	WB	PM	Ramp	0.03	0.05	1.02	0.12	386	256	0.0026	0.0024	0.0011	0.0001	0.0004	0.0012	0.0002	0.0002	0.0000	0.0006	0.0033
331	2035	ALT1	WB	PM	Ramp	0.10	0.14	3.06	0.39	1143	765	0.0081	0.0075	0.0032	0.0002	0.0015	0.0040	0.0007	0.0005	0.0001	0.0027	0.0134
332	2035	ALT1	WB	PM	Ramp	0.05	0.07	1.56	0.20	555	373	0.0039	0.0036	0.0015	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0015	0.0067
333	2035	ALT1	WB	PM	Ramp	0.07	0.10	2.25	0.31	846	571	0.0064	0.0059	0.0024	0.0001	0.0013	0.0033	0.0005	0.0003	0.0001	0.0025	0.0125
334	2035	ALT1	WB	PM	Ramp	0.05	0.06	1.42	0.20	533	362	0.0041	0.0038	0.0015	0.0001	0.0008	0.0022	0.0003	0.0002	0.0000	0.0018	0.0086
335	2035	ALT1	WB	PM	Ramp	0.12	0.16	3.46	0.48	1329	897	0.0102	0.0094	0.0037	0.0002	0.0020	0.0053	0.0008	0.0006	0.0001	0.0039	0.0200
336	2035	ALT1	WB	PM	Ramp	0.10	0.14	2.62	0.50	1109	777	0.0109	0.0100	0.0031	0.0001	0.0028	0.0066	0.0006	0.0004	0.0001	0.0062	0.0327
337	2035	ALT1	WB	PM	Ramp	0.05	0.07	1.34	0.20	527	359	0.0043	0.0040	0.0015	0.0001	0.0009	0.0024	0.0003	0.0002	0.0000	0.0019	0.0100
338	2035	ALT1	WB	PM	Ramp	0.05	0.06	1.37	0.20	527	357	0.0041	0.0038	0.0015	0.0001	0.0008	0.0022	0.0003	0.0002	0.0000	0.0017	0.0087
339	2035	ALT1	WB	PM	Ramp	0.15	0.20	4.84	0.76	1772	1214	0.0152	0.0141	0.0047	0.0002	0.0028	0.0073	0.0010	0.0006	0.0001	0.0088	0.0292
340	2035	ALT1	WB	PM	Ramp	0.41	0.57	12.63	1.80	4751	3217	0.0365	0.0337	0.0131	0.0006	0.0074	0.0192	0.0028	0.0019	0.0003	0.0151	0.0747
341	2035	ALT1	WB	PM	Ramp	0.59	0.86	15.56	1.97	6525	4340	0.0493	0.0457	0.0196	0.0010	0.0078	0.0226	0.0043	0.0033	0.0005	0.0119	0.0674
342	2035	ALT1	WB	PM	Ramp	0.05	0.07	1.36	0.26	577	403	0.0056	0.0051	0.0016	0.0001	0.0014	0.0033	0.0003	0.0002	0.0000	0.0031	0.0164
343	2035	ALT1	WB	PM	Ramp	0.16	0.23	2.16	0.34	1241	831	0.0119	0.0110	0.0050	0.0002	0.0040	0.0096	0.0010	0.0008	0.0001	0.0023	0.0459
344	2035	ALT1	WB	PM	Ramp	0.06	0.08	1.64	0.24	663	450	0.0054	0.0050	0.0019	0.0001	0.0011	0.0029	0.0004	0.0003	0.0000	0.0021	0.0117
345	2035	ALT1	WB	PM	Ramp	0.06	0.09	1.01	0.14	544	362	0.0049	0.0045	0.0021	0.0001	0.0013	0.0033	0.0004	0.0004	0.0001	0.0008	0.0138
346	2035	ALT1	WB	PM	Ramp	0.10	0.14	1.70	0.22	869	576	0.0074	0.0069	0.0031	0.0001	0.0017	0.0044	0.0007	0.0006	0.0001	0.0012	0.0169
347	2035	ALT1	WB	PM	Ramp	0.11	0.16	1.88	0.23	977	644	0.0083	0.0077	0.0035	0.0002	0.0015	0.0043	0.0008	0.0006	0.0001	0.0010	0.0144
348	2035	ALT1	WB	PM	Ramp	0.30	0.41	8.07	1.39	3294	2279	0.0298	0.0276	0.0093	0.0004	0.0071	0.0172	0.0019	0.0013	0.0002	0.0153	0.0802
349	2035	ALT1	WB	PM	Ramp	0.16	0.23	3.60	0.42	1624	1070	0.0124	0.0115	0.0052	0.0003	0.0019	0.0057	0.0011	0.0009	0.0001	0.0018	0.0156
350	2035	ALT1	WB	PM	Ramp	0.11	0.16	3.62	0.44	1301	864	0.0085	0.0079	0.0036	0.0002	0.0014	0.0041	0.0008	0.0005	0.0001	0.0024	0.0114
351	2035	ALT1	WB	PM	Ramp	0.06	0.09	1.14	0.19	559	380	0.0051	0.0047	0.0020	0.0001	0.0016	0.0038	0.0004	0.0003	0.0000	0.0017	0.0183
352	2035	ALT1	WB	PM	Ramp	0.06	0.09	1.58	0.18	685	452	0.0051	0.0047	0.0021	0.0001	0.0007	0.0023	0.0005	0.0004	0.0001	0.0008	0.0058
353	2035	ALT1	WB	PM	Ramp	0.16	0.24	4.31	0.50	1789	1180	0.0128	0.0119	0.0054	0.0003	0.0017	0.0054	0.0012	0.0009	0.0001	0.0023	0.0126
354	2035	ALT1	WB	PM	Ramp	0.21	0.31	4.25	0.58	2043	1364	0.0171	0.0158	0.0070	0.0003	0.0039	0.0103	0.0015	0.0012	0.0002	0.0038	0.0412
355	2035	ALT1	WB	PM	Ramp	0.14	0.20	2.37	0.30	1237	818	0.0107	0.0099	0.0045	0.0002	0.0023	0.0062	0.0010	0.0008	0.0001	0.0015	0.0229
356	2035	ALT1	WB	PM	Ramp	0.07	0.11	1.61	0.19	748	493	0.0058	0.0054	0.0025	0.0001	0.0009	0.0028	0.0005	0.0004	0.0001	0.0008	0.0082
357	2035	ALT1	WB	PM	Ramp	0.21	0.31	3.75	0.48	1915	1268	0.0163	0.0151	0.0069	0.0003	0.0035	0.0094	0.0015	0.0012	0.0002	0.0025	0.0349
358	2035	ALT1	WB	PM	Ramp	0.22	0.31	2.23	0.43	1431	970	0.0152	0.0141	0.0066	0.0003	0.0073	0.0166	0.0013	0.0010	0.0002	0.0034	0.0907
359	2035	ALT1	WB	PM	Ramp	0.13	0.19	2.19	0.29	1151	764	0.0101	0.0094	0.0043	0.0002	0.0024	0.0063	0.0009	0.0007	0.0001	0.0017	0.0253
360	2035	ALT1	WB	PM	Ramp	0.14	0.20	1.82	0.30	1059	713	0.0104	0.0096	0.0044	0.0002	0.0039	0.0092	0.0009	0.0007	0.0001	0.0023	0.0466
361	2035	ALT1	WB	PM	Ramp	0.14	0.21	1.85	0.23	1157	759	0.0112	0.0104	0.0046	0.0002	0.0020	0.0056	0.0010	0.0009	0.0001	0.0009	0.0187
362	2035	ALT1	WB	PM	Ramp	0.12	0.18	2.28	0.33	1125	754	0.0098	0.0090	0.0040	0.0002	0.0026	0.0065	0.0008	0.0007	0.0001	0.0024	0.0284
363	2035	ALT1	WB	PM	Ramp	0.21	0.31	3.70	0.42	1944	1273	0.0164	0.0152	0.0070	0.0004	0.0023	0.0072	0.0015	0.0013	0.0002	0.0013	0.0184
364	2035	ALT1	WB	PM	HOV																	
365	2035	ALT1	WB	PM	HOV																	
366	2035	ALT1	WB	PM	HOV																	
367	2035	ALT1	WB	PM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
368	2035	ALT1	WB	PM	HOV																	
369	2035	ALT1	WB	PM	HOV																	
370	2035	ALT1	WB	PM	HOV																	
371	2035	ALT1	WB	PM	HOV																	
372	2035	ALT1	WB	PM	HOV																	
373	2035	ALT1	WB	PM	HOV																	
374	2035	ALT1	WB	PM	HOV																	
375	2035	ALT1	WB	PM	HOV																	
376	2035	ALT1	WB	PM	HOV																	
377	2035	ALT1	WB	PM	HOV																	
378	2035	ALT1	WB	PM	HOV																	
379	2035	ALT1	WB	PM	HOV																	
380	2035	ALT1	WB	PM	HOV																	
381	2035	ALT1	WB	PM	HOV																	
382	2035	ALT1	WB	PM	HOV																	
383	2035	ALT1	WB	PM	HOV																	
384	2035	ALT1	WB	PM	HOV																	
385	2035	ALT1	WB	PM	HOV																	
386	2035	ALT1	WB	PM	HOV																	
387	2035	ALT1	WB	PM	HOV																	
388	2035	ALT1	WB	PM	HOV																	
389	2035	ALT1	WB	PM	HOV																	
390	2035	ALT1	WB	PM	HOV																	
391	2035	ALT1	WB	PM	HOV																	
392	2035	ALT1	WB	PM	HOV																	
393	2035	ALT1	WB	PM	HOV																	
394	2035	ALT1	WB	PM	HOV																	
395	2035	ALT1	WB	PM	HOV																	
396	2035	ALT1	WB	PM	HOV																	
397	2035	ALT1	WB	PM	HOV																	
398	2035	ALT1	WB	PM	HOV																	
399	2035	ALT1	WB	PM	HOV																	
400	2035	ALT1	WB	PM	HOV																	
401	2035	ALT1	WB	PM	HOV																	
402	2035	ALT1	WB	PM	HOV																	
403	2035	ALT1	WB	PM	HOV																	
404	2035	ALT1	WB	PM	HOV																	
405	2035	ALT1	WB	PM	HOV																	
406	2035	ALT1	WB	PM	HOV																	
407	2035	ALT1	WB	PM	HOV																	
408	2035	ALT1	WB	PM	HOV																	
409	2035	ALT1	WB	PM	HOV																	
410	2035	ALT1	WB	PM	HOV																	
411	2035	ALT1	WB	PM	HOV																	
412	2035	ALT1	WB	PM	HOV																	
413	2035	ALT1	WB	PM	HOV																	
414	2035	ALT1	WB	PM	HOV																	
415	2035	ALT1	WB	PM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
416	2035	ALT1	WB	PM	HOV																	
417	2035	ALT1	WB	PM	HOV																	
418	2035	ALT1	WB	PM	HOV																	
419	2035	ALT1	WB	PM	HOV	0.27	0.40	9.44	0.92	3312	2152	0.0181	0.0168	0.0092	0.0005	0.0017	0.0070	0.0021	0.0015	0.0002	0.0010	0.0037
420	2035	ALT1	WB	PM	HOV	0.19	0.28	6.63	0.65	2325	1511	0.0127	0.0118	0.0065	0.0003	0.0012	0.0049	0.0015	0.0011	0.0002	0.0007	0.0026
421	2035	ALT1	WB	PM	HOV	0.19	0.27	6.36	0.62	2240	1456	0.0123	0.0114	0.0063	0.0003	0.0012	0.0047	0.0014	0.0010	0.0001	0.0007	0.0025
422	2035	ALT1	WB	PM	HOV	0.18	0.25	6.46	0.64	2166	1408	0.0111	0.0103	0.0059	0.0003	0.0011	0.0045	0.0013	0.0009	0.0001	0.0007	0.0024
423	2035	ALT1	WB	PM	HOV	0.34	0.49	12.46	1.23	4177	2714	0.0213	0.0198	0.0114	0.0006	0.0022	0.0087	0.0026	0.0018	0.0003	0.0013	0.0046
424	2035	ALT1	WB	PM	HOV	0.08	0.12	3.05	0.30	1022	664	0.0052	0.0048	0.0028	0.0001	0.0005	0.0021	0.0006	0.0004	0.0001	0.0003	0.0011
425	2035	ALT1	WB	PM	HOV	0.20	0.28	7.20	0.71	2413	1569	0.0123	0.0114	0.0066	0.0004	0.0013	0.0050	0.0015	0.0010	0.0001	0.0007	0.0026
426	2035	ALT1	WB	PM	HOV	0.09	0.13	3.45	0.34	1123	730	0.0054	0.0050	0.0030	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0012
427	2035	ALT1	WB	PM	HOV	0.18	0.25	6.59	0.66	2148	1396	0.0103	0.0095	0.0058	0.0003	0.0011	0.0044	0.0013	0.0008	0.0001	0.0007	0.0023
428	2035	ALT1	WB	PM	HOV	0.19	0.26	7.04	0.70	2293	1491	0.0110	0.0102	0.0062	0.0003	0.0012	0.0047	0.0014	0.0009	0.0001	0.0007	0.0024
429	2035	ALT1	WB	PM	HOV	0.12	0.17	4.69	0.47	1529	994	0.0073	0.0068	0.0041	0.0002	0.0008	0.0032	0.0009	0.0006	0.0001	0.0005	0.0016
430	2035	ALT1	WB	PM	HOV	0.24	0.34	8.57	0.84	2882	1873	0.0148	0.0137	0.0079	0.0004	0.0015	0.0060	0.0018	0.0012	0.0002	0.0009	0.0032
431	2035	ALT1	WB	PM	HOV	0.21	0.30	7.72	0.76	2598	1688	0.0134	0.0124	0.0071	0.0004	0.0013	0.0054	0.0016	0.0011	0.0002	0.0008	0.0028
432	2035	ALT1	WB	PM	HOV	0.25	0.36	9.09	0.89	3059	1988	0.0157	0.0146	0.0084	0.0004	0.0016	0.0064	0.0019	0.0013	0.0002	0.0009	0.0033
433	2035	ALT1	WB	PM	HOV	0.19	0.28	7.02	0.69	2361	1535	0.0121	0.0113	0.0064	0.0003	0.0012	0.0049	0.0015	0.0010	0.0001	0.0007	0.0026
434	2035	ALT1	WB	PM	HOV	0.16	0.23	5.90	0.58	1985	1290	0.0102	0.0095	0.0054	0.0003	0.0010	0.0041	0.0012	0.0008	0.0001	0.0006	0.0022
435	2035	ALT1	WB	PM	HOV	0.37	0.53	12.64	1.23	4417	2870	0.0241	0.0223	0.0123	0.0007	0.0023	0.0093	0.0028	0.0020	0.0003	0.0013	0.0049
436	2035	ALT1	WB	PM	HOV	0.04	0.05	1.21	0.12	423	275	0.0023	0.0021	0.0012	0.0001	0.0002	0.0009	0.0003	0.0002	0.0000	0.0001	0.0005
437	2035	ALT1	WB	PM	HOV	0.39	0.56	13.44	1.31	4698	3053	0.0256	0.0237	0.0131	0.0007	0.0024	0.0099	0.0030	0.0021	0.0003	0.0014	0.0052
216	2035	ALT1	WB	NT	Mainline	0.93	1.14	16.19	7.77	10376	8163	0.3476	0.3199	0.0259	0.0009	0.0362	0.0788	0.0048	0.0020	0.0016	0.3293	0.4505
217	2035	ALT1	WB	NT	Mainline	1.73	2.12	29.86	15.00	19559	15490	0.6750	0.6213	0.0481	0.0016	0.0705	0.1523	0.0087	0.0037	0.0032	0.6420	0.8830
218	2035	ALT1	WB	NT	Mainline	1.38	1.71	25.49	9.84	14792	11276	0.4177	0.3845	0.0397	0.0016	0.0443	0.0994	0.0077	0.0033	0.0021	0.3860	0.5299
219	2035	ALT1	WB	NT	Mainline	1.99	2.46	36.91	14.58	21572	16513	0.6137	0.5650	0.0570	0.0022	0.0664	0.1481	0.0110	0.0047	0.0030	0.5685	0.8015
220	2035	ALT1	WB	NT	Mainline	1.13	1.41	21.41	7.73	12060	9108	0.3199	0.2945	0.0329	0.0013	0.0345	0.0782	0.0065	0.0028	0.0016	0.2927	0.4072
221	2035	ALT1	WB	NT	Mainline	1.01	1.26	19.09	7.16	10905	8284	0.2971	0.2735	0.0293	0.0012	0.0323	0.0726	0.0057	0.0024	0.0015	0.2732	0.3850
222	2035	ALT1	WB	NT	Mainline	1.16	1.45	22.11	7.74	12292	9241	0.3168	0.2917	0.0338	0.0014	0.0343	0.0782	0.0067	0.0029	0.0016	0.2884	0.4021
223	2035	ALT1	WB	NT	Mainline	0.55	0.68	10.46	3.62	5787	4343	0.1474	0.1357	0.0160	0.0007	0.0160	0.0365	0.0032	0.0014	0.0007	0.1339	0.1870
224	2035	ALT1	WB	NT	Mainline	0.72	0.90	13.73	4.82	7632	5742	0.1965	0.1809	0.0209	0.0009	0.0214	0.0487	0.0041	0.0018	0.0010	0.1790	0.2517
225	2035	ALT1	WB	NT	Mainline	0.46	0.57	8.78	3.13	4916	3707	0.1285	0.1183	0.0134	0.0005	0.0140	0.0317	0.0026	0.0011	0.0006	0.1173	0.1647
226	2035	ALT1	WB	NT	Mainline	2.06	2.56	38.75	14.03	21876	16521	0.5837	0.5373	0.0598	0.0024	0.0624	0.1416	0.0118	0.0050	0.0029	0.5343	0.7360
227	2035	ALT1	WB	NT	Mainline	0.75	0.94	14.27	4.84	7854	5874	0.1980	0.1823	0.0220	0.0009	0.0212	0.0487	0.0044	0.0019	0.0010	0.1794	0.2457
228	2035	ALT1	WB	NT	Mainline	0.43	0.54	8.37	2.56	4427	3262	0.1012	0.0932	0.0127	0.0006	0.0109	0.0257	0.0026	0.0011	0.0005	0.0900	0.1232
229	2035	ALT1	WB	NT	Mainline	2.92	3.66	57.15	17.79	30336	22423	0.7005	0.6451	0.0863	0.0037	0.0767	0.1791	0.0175	0.0075	0.0036	0.6246	0.8714
230	2035	ALT1	WB	NT	Mainline	0.71	0.89	13.94	4.21	7332	5395	0.1651	0.1520	0.0211	0.0009	0.0180	0.0424	0.0043	0.0018	0.0009	0.1463	0.2023
231	2035	ALT1	WB	NT	Mainline	0.77	0.96	15.04	4.71	7997	5916	0.1856	0.1709	0.0227	0.0010	0.0203	0.0474	0.0046	0.0020	0.0010	0.1657	0.2314
232	2035	ALT1	WB	NT	Mainline	0.79	0.99	15.47	4.68	8133	5985	0.1830	0.1685	0.0234	0.0010	0.0200	0.0470	0.0048	0.0020	0.0010	0.1622	0.2246
233	2035	ALT1	WB	NT	Mainline	2.68	3.36	53.68	16.65	28209	20867	0.6368	0.5864	0.0789	0.0034	0.0724	0.1680	0.0159	0.0069	0.0033	0.5666	0.8295
234	2035	ALT1	WB	NT	Mainline	0.44	0.55	8.81	2.59	4550	3338	0.0982	0.0904	0.0130	0.0006	0.0110	0.0260	0.0027	0.0011	0.0005	0.0864	0.1241
235	2035	ALT1	WB	NT	Mainline	1.75	2.20	35.43	10.64	18364	13523	0.4005	0.3689	0.0517	0.0022	0.0459	0.1071	0.0105	0.0046	0.0021	0.3539	0.5215
236	2035	ALT1	WB	NT	Mainline	1.11	1.39	22.28	6.59	11537	8472	0.2504	0.2306	0.0329	0.0014	0.0282	0.0663	0.0067	0.0029	0.0013	0.2207	0.3170
237	2035	ALT1	WB	NT	Mainline	1.76	2.21	34.40	11.22	18549	13808	0.4454	0.4101	0.0518	0.0022	0.0490	0.1132	0.0104	0.0045	0.0023	0.4005	0.5664
238	2035	ALT1	WB	NT	Mainline	0.55	0.69	10.90	3.46	5811	4309	0.1357	0.1250	0.0163	0.0007	0.0150	0.0349	0.0033	0.0014	0.0007	0.1214	0.1724
239	2035	ALT1	WB	NT	Mainline	0.49	0.61	9.63	3.04	5120	3795	0.1190	0.1096	0.0144	0.0006	0.0132	0.0306	0.0029	0.0012	0.0006	0.1063	0.1511
240	2035	ALT1	WB	NT	Mainline	0.59	0.74	11.79	3.45	6102	4471	0.1317	0.1213	0.0176	0.0008	0.0146	0.0346	0.0036	0.0015	0.0007	0.1159	0.1635
241	2035	ALT1	WB	NT	Mainline	2.23	2.79	44.34	13.25	23097	16981	0.5085	0.4683	0.0660	0.0029	0.0567	0.1333	0.0135	0.0058	0.0027	0.4494	0.6391

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
242	2035	ALT1	WB	NT	Mainline	0.15	0.19	3.01	0.87	1557	1140	0.0335	0.0308	0.0045	0.0002	0.0037	0.0088	0.0009	0.0004	0.0002	0.0294	0.0412
243	2035	ALT1	WB	NT	Mainline	1.88	2.36	37.33	11.30	19542	14393	0.4359	0.4014	0.0557	0.0024	0.0485	0.1137	0.0113	0.0049	0.0023	0.3862	0.5488
244	2035	ALT1	WB	NT	Mainline	0.28	0.35	5.58	1.66	2910	2137	0.0642	0.0591	0.0084	0.0004	0.0071	0.0167	0.0017	0.0007	0.0003	0.0567	0.0793
245	2035	ALT1	WB	NT	Mainline	1.81	2.27	35.91	10.85	18780	13829	0.4180	0.3849	0.0535	0.0023	0.0466	0.1092	0.0109	0.0047	0.0022	0.3702	0.5268
246	2035	ALT1	WB	NT	Mainline	1.36	1.71	26.97	7.96	14025	10289	0.3068	0.2825	0.0404	0.0018	0.0339	0.0800	0.0083	0.0035	0.0016	0.2705	0.3788
247	2035	ALT1	WB	NT	Mainline	1.80	2.26	35.74	10.97	18810	13882	0.4255	0.3919	0.0534	0.0023	0.0473	0.1105	0.0108	0.0046	0.0022	0.3782	0.5372
248	2035	ALT1	WB	NT	Mainline	0.55	0.69	10.89	3.24	5682	4174	0.1255	0.1155	0.0164	0.0007	0.0138	0.0326	0.0033	0.0014	0.0007	0.1108	0.1551
249	2035	ALT1	WB	NT	Mainline	1.77	2.21	34.46	10.68	18282	13503	0.4215	0.3882	0.0522	0.0023	0.0459	0.1075	0.0106	0.0045	0.0022	0.3756	0.5207
250	2035	ALT1	WB	NT	Mainline	2.79	3.50	55.05	16.46	28766	21141	0.6374	0.5870	0.0827	0.0036	0.0703	0.1655	0.0169	0.0072	0.0033	0.5636	0.7892
251	2035	ALT1	WB	NT	Mainline	2.22	2.78	43.92	13.55	23160	17106	0.5264	0.4848	0.0656	0.0028	0.0585	0.1365	0.0133	0.0057	0.0027	0.4683	0.6656
252	2035	ALT1	WB	NT	Mainline	1.74	2.18	34.37	10.31	17978	13219	0.3996	0.3680	0.0516	0.0023	0.0441	0.1037	0.0106	0.0045	0.0021	0.3535	0.4955
253	2035	ALT1	WB	NT	Mainline	1.25	1.56	24.61	7.38	12875	9467	0.2862	0.2635	0.0370	0.0016	0.0316	0.0742	0.0076	0.0032	0.0015	0.2532	0.3549
254	2035	ALT1	WB	NT	Mainline	1.20	1.51	23.73	7.12	12412	9127	0.2759	0.2541	0.0356	0.0016	0.0304	0.0716	0.0073	0.0031	0.0014	0.2441	0.3421
255	2035	ALT1	WB	NT	Mainline	2.12	2.65	41.47	13.34	22224	16513	0.5257	0.4841	0.0623	0.0026	0.0582	0.1346	0.0125	0.0054	0.0027	0.4715	0.6700
256	2035	ALT1	WB	NT	Mainline	1.27	1.59	24.90	7.78	13230	9784	0.3061	0.2819	0.0376	0.0016	0.0336	0.0783	0.0076	0.0033	0.0016	0.2731	0.3822
257	2035	ALT1	WB	NT	Mainline	1.64	2.06	32.14	10.39	17259	12833	0.4103	0.3778	0.0483	0.0020	0.0454	0.1048	0.0097	0.0042	0.0021	0.3683	0.5230
258	2035	ALT1	WB	NT	Mainline	1.41	1.77	27.46	8.56	14618	10803	0.3396	0.3128	0.0418	0.0018	0.0368	0.0861	0.0085	0.0036	0.0018	0.3030	0.4173
259	2035	ALT1	WB	NT	Mainline	2.05	2.57	39.69	12.57	21263	15750	0.5023	0.4625	0.0605	0.0026	0.0543	0.1265	0.0123	0.0052	0.0026	0.4496	0.6183
260	2035	ALT1	WB	NT	Mainline	1.37	1.71	26.61	8.27	14148	10451	0.3277	0.3018	0.0405	0.0018	0.0356	0.0832	0.0082	0.0035	0.0017	0.2922	0.4029
261	2035	ALT1	WB	NT	Mainline	1.75	2.19	33.94	10.83	18198	13497	0.4309	0.3968	0.0515	0.0022	0.0469	0.1090	0.0104	0.0044	0.0022	0.3861	0.5367
262	2035	ALT1	WB	NT	Mainline	4.53	5.67	87.68	27.87	47007	34840	1.1126	1.0245	0.1335	0.0057	0.1205	0.2805	0.0271	0.0115	0.0057	0.9964	1.3749
263	2035	ALT1	WB	NT	Mainline	2.29	2.86	44.48	14.26	23885	17730	0.5677	0.5228	0.0674	0.0029	0.0619	0.1437	0.0136	0.0058	0.0029	0.5091	0.7099
264	2035	ALT1	WB	NT	Mainline	0.89	1.11	17.57	5.78	9460	7057	0.2264	0.2084	0.0261	0.0011	0.0255	0.0585	0.0052	0.0023	0.0012	0.2037	0.2966
265	2035	ALT1	WB	NT	Mainline	0.47	0.59	9.13	3.00	4936	3680	0.1194	0.1099	0.0137	0.0006	0.0132	0.0303	0.0028	0.0012	0.0006	0.1075	0.1526
266	2035	ALT1	WB	NT	Mainline	1.58	1.96	29.93	11.02	16946	12843	0.4527	0.4168	0.0456	0.0018	0.0496	0.1118	0.0089	0.0038	0.0022	0.4153	0.5908
267	2035	ALT1	WB	NT	Mainline	0.49	0.61	9.32	3.43	5276	3999	0.1410	0.1298	0.0142	0.0006	0.0154	0.0348	0.0028	0.0012	0.0007	0.1293	0.1840
268	2035	ALT1	WB	NT	Mainline	0.09	0.11	1.65	0.58	914	687	0.0232	0.0214	0.0025	0.0001	0.0026	0.0058	0.0005	0.0002	0.0001	0.0211	0.0301
269	2035	ALT1	WB	NT	Mainline	2.30	2.87	44.30	15.53	24540	18469	0.6260	0.5763	0.0669	0.0027	0.0693	0.1574	0.0132	0.0057	0.0031	0.5697	0.8165
270	2035	ALT1	WB	NT	Mainline	1.05	1.31	20.32	7.10	11233	8451	0.2849	0.2623	0.0306	0.0012	0.0317	0.0720	0.0060	0.0026	0.0014	0.2591	0.3739
271	2035	ALT1	WB	NT	Mainline	1.40	1.73	25.68	10.88	15447	11954	0.4593	0.4228	0.0396	0.0015	0.0506	0.1114	0.0074	0.0032	0.0022	0.4289	0.6208
272	2035	ALT1	WB	NT	Mainline	1.01	1.26	18.77	7.85	11219	8668	0.3296	0.3034	0.0288	0.0011	0.0365	0.0804	0.0054	0.0024	0.0016	0.3074	0.4469
273	2035	ALT1	WB	NT	Mainline	1.02	1.27	18.89	7.74	11211	8630	0.3272	0.3012	0.0292	0.0011	0.0356	0.0789	0.0056	0.0024	0.0016	0.3044	0.4333
274	2035	ALT1	WB	NT	Mainline	1.17	1.44	21.31	9.02	12839	9927	0.3851	0.3545	0.0332	0.0012	0.0416	0.0919	0.0063	0.0027	0.0019	0.3597	0.5093
275	2035	ALT1	WB	NT	Mainline	2.00	2.47	35.83	15.96	22141	17237	0.6975	0.6420	0.0566	0.0021	0.0738	0.1620	0.0106	0.0045	0.0033	0.6555	0.9086
276	2035	ALT1	WB	NT	Mainline	0.56	0.70	10.36	4.15	6108	4682	0.1775	0.1634	0.0162	0.0006	0.0188	0.0420	0.0031	0.0013	0.0009	0.1648	0.2273
277	2035	ALT1	WB	NT	Mainline	1.24	1.54	22.61	9.57	13645	10546	0.4126	0.3798	0.0354	0.0013	0.0440	0.0972	0.0067	0.0029	0.0020	0.3855	0.5367
278	2035	ALT1	WB	NT	Mainline	0.68	0.84	12.28	5.24	7439	5757	0.2262	0.2083	0.0192	0.0007	0.0241	0.0533	0.0036	0.0016	0.0011	0.2116	0.2951
279	2035	ALT1	WB	NT	Mainline	1.33	1.65	24.70	10.13	14645	11278	0.4254	0.3916	0.0380	0.0014	0.0467	0.1034	0.0072	0.0031	0.0021	0.3957	0.5698
280	2035	ALT1	WB	NT	Mainline	1.31	1.62	23.68	10.57	14613	11389	0.4550	0.4188	0.0370	0.0013	0.0494	0.1080	0.0069	0.0030	0.0022	0.4275	0.6097
281	2035	ALT1	WB	NT	Mainline	0.96	1.19	17.90	7.34	10609	8170	0.3078	0.2834	0.0275	0.0010	0.0339	0.0750	0.0052	0.0023	0.0015	0.2864	0.4131
282	2035	ALT1	WB	NT	Mainline	1.38	1.70	24.96	11.06	15350	11952	0.4748	0.4371	0.0390	0.0014	0.0516	0.1131	0.0073	0.0031	0.0023	0.4458	0.6373
283	2035	ALT1	WB	NT	Mainline	1.29	1.59	23.56	10.11	14268	11060	0.4300	0.3958	0.0365	0.0014	0.0470	0.1034	0.0069	0.0030	0.0021	0.4023	0.5775
284	2035	ALT1	WB	NT	Mainline	1.61	1.99	29.90	12.12	17629	13555	0.5064	0.4662	0.0458	0.0017	0.0559	0.1238	0.0087	0.0038	0.0025	0.4704	0.6803
285	2035	ALT1	WB	NT	Mainline	1.15	1.42	20.94	9.07	12740	9888	0.3871	0.3563	0.0325	0.0012	0.0422	0.0927	0.0061	0.0026	0.0019	0.3625	0.5192
286	2035	ALT1	WB	NT	Mainline	1.03	1.27	19.12	7.79	11300	8695	0.3262	0.3003	0.0294	0.0011	0.0359	0.0796	0.0056	0.0024	0.0016	0.3032	0.4378
287	2035	ALT1	WB	NT	Mainline	1.84	2.27	33.53	14.57	20428	15862	0.6223	0.5728	0.0522	0.0019	0.0678	0.1489	0.0098	0.0042	0.0030	0.5830	0.8345
288	2035	ALT1	WB	NT	Mainline	0.19	0.24	3.53	1.44	2095	1611	0.0612	0.0563	0.0055	0.0002	0.0066	0.0147	0.0010	0.0004	0.0003	0.0569	0.0802
289	2035	ALT1	WB	NT	Mainline	2.03	2.51	37.35	15.61	22344	17255	0.6594	0.6070	0.0577	0.0022	0.0723	0.1595	0.0109	0.0047	0.0032	0.6150	0.8841

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
290	2035	ALT1	WB	NT	Ramp	0.03	0.05	1.17	0.15	407	272	0.0027	0.0025	0.0011	0.0001	0.0005	0.0013	0.0002	0.0002	0.0000	0.0010	0.0043
291	2035	ALT1	WB	NT	Ramp	0.03	0.04	0.96	0.13	353	237	0.0025	0.0023	0.0010	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0009	0.0043
292	2035	ALT1	WB	NT	Ramp	0.01	0.02	0.41	0.05	142	95	0.0009	0.0009	0.0004	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0003	0.0014
293	2035	ALT1	WB	NT	Ramp	0.10	0.14	2.17	0.32	998	672	0.0085	0.0079	0.0032	0.0002	0.0020	0.0051	0.0007	0.0005	0.0001	0.0025	0.0211
294	2035	ALT1	WB	NT	Ramp	0.03	0.05	1.00	0.15	388	263	0.0031	0.0029	0.0011	0.0001	0.0006	0.0017	0.0002	0.0002	0.0000	0.0013	0.0067
295	2035	ALT1	WB	NT	Ramp	0.07	0.11	1.63	0.23	739	496	0.0062	0.0057	0.0024	0.0001	0.0013	0.0035	0.0005	0.0004	0.0001	0.0017	0.0138
296	2035	ALT1	WB	NT	Ramp	0.02	0.02	0.38	0.07	177	123	0.0018	0.0016	0.0006	0.0000	0.0005	0.0011	0.0001	0.0001	0.0000	0.0009	0.0056
297	2035	ALT1	WB	NT	Ramp	0.44	0.57	9.19	2.79	4510	3368	0.0617	0.0569	0.0126	0.0004	0.0188	0.0407	0.0022	0.0013	0.0004	0.0477	0.2391
298	2035	ALT1	WB	NT	Ramp	0.00	0.00	0.10	0.01	36	24	0.0003	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0004
299	2035	ALT1	WB	NT	Ramp	0.02	0.02	0.51	0.07	185	125	0.0014	0.0013	0.0005	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0006	0.0026
300	2035	ALT1	WB	NT	Ramp	0.19	0.27	6.04	0.80	2213	1485	0.0158	0.0146	0.0061	0.0003	0.0029	0.0080	0.0013	0.0009	0.0002	0.0057	0.0278
301	2035	ALT1	WB	NT	Ramp	0.08	0.11	2.13	0.37	882	611	0.0081	0.0075	0.0025	0.0001	0.0020	0.0047	0.0005	0.0004	0.0001	0.0041	0.0221
302	2035	ALT1	WB	NT	Ramp	0.01	0.01	0.29	0.04	105	71	0.0008	0.0008	0.0003	0.0000	0.0002	0.0004	0.0001	0.0000	0.0000	0.0004	0.0017
303	2035	ALT1	WB	NT	Ramp	0.03	0.04	0.82	0.16	343	241	0.0034	0.0032	0.0010	0.0000	0.0009	0.0020	0.0002	0.0001	0.0000	0.0020	0.0103
304	2035	ALT1	WB	NT	Ramp	0.02	0.03	0.62	0.09	230	157	0.0018	0.0017	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0009	0.0039
305	2035	ALT1	WB	NT	Ramp	0.04	0.06	1.17	0.23	488	343	0.0048	0.0044	0.0014	0.0001	0.0012	0.0029	0.0003	0.0002	0.0000	0.0028	0.0144
306	2035	ALT1	WB	NT	Ramp	0.02	0.03	0.64	0.08	235	157	0.0016	0.0015	0.0007	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0004	0.0022
307	2035	ALT1	WB	NT	Ramp	0.07	0.10	1.46	0.22	689	465	0.0060	0.0055	0.0023	0.0001	0.0016	0.0039	0.0005	0.0004	0.0001	0.0018	0.0171
308	2035	ALT1	WB	NT	Ramp	0.04	0.06	1.17	0.20	483	334	0.0044	0.0041	0.0014	0.0001	0.0011	0.0026	0.0003	0.0002	0.0000	0.0023	0.0121
309	2035	ALT1	WB	NT	Ramp	0.04	0.06	0.75	0.16	372	262	0.0039	0.0036	0.0012	0.0000	0.0013	0.0030	0.0002	0.0002	0.0000	0.0020	0.0159
310	2035	ALT1	WB	NT	Ramp	0.20	0.26	5.36	1.27	2303	1670	0.0317	0.0292	0.0060	0.0002	0.0063	0.0143	0.0012	0.0006	0.0002	0.0251	0.0754
311	2035	ALT1	WB	NT	Ramp	0.08	0.11	1.56	0.28	734	506	0.0070	0.0065	0.0024	0.0001	0.0019	0.0046	0.0005	0.0004	0.0001	0.0030	0.0223
312	2035	ALT1	WB	NT	Ramp	0.01	0.02	0.38	0.06	157	108	0.0014	0.0013	0.0005	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0007	0.0038
313	2035	ALT1	WB	NT	Ramp	0.18	0.24	5.32	0.92	2046	1422	0.0189	0.0174	0.0055	0.0002	0.0043	0.0104	0.0011	0.0007	0.0001	0.0111	0.0485
314	2035	ALT1	WB	NT	Ramp	0.02	0.03	0.73	0.10	273	183	0.0020	0.0018	0.0008	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0007	0.0034
315	2035	ALT1	WB	NT	Ramp	0.06	0.08	1.37	0.21	608	412	0.0052	0.0048	0.0019	0.0001	0.0011	0.0028	0.0004	0.0003	0.0000	0.0018	0.0114
316	2035	ALT1	WB	NT	Ramp	0.04	0.06	1.20	0.16	457	306	0.0033	0.0031	0.0013	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0011	0.0055
317	2035	ALT1	WB	NT	Ramp	0.06	0.08	1.21	0.22	567	391	0.0054	0.0050	0.0018	0.0001	0.0014	0.0035	0.0004	0.0003	0.0000	0.0024	0.0167
318	2035	ALT1	WB	NT	Ramp	0.01	0.02	0.47	0.05	167	111	0.0011	0.0010	0.0005	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0003	0.0013
319	2035	ALT1	WB	NT	Ramp	0.05	0.08	1.31	0.20	579	392	0.0050	0.0046	0.0018	0.0001	0.0010	0.0027	0.0004	0.0003	0.0000	0.0018	0.0109
320	2035	ALT1	WB	NT	Ramp	0.03	0.05	0.98	0.13	374	251	0.0028	0.0026	0.0011	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0010	0.0051
321	2035	ALT1	WB	NT	Ramp	0.08	0.11	1.73	0.26	779	526	0.0066	0.0061	0.0024	0.0001	0.0015	0.0038	0.0005	0.0004	0.0001	0.0022	0.0155
322	2035	ALT1	WB	NT	Ramp	0.03	0.04	0.80	0.13	328	226	0.0029	0.0027	0.0009	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0014	0.0076
323	2035	ALT1	WB	NT	Ramp	0.09	0.12	2.42	0.45	988	692	0.0096	0.0088	0.0027	0.0001	0.0024	0.0056	0.0005	0.0004	0.0001	0.0056	0.0279
324	2035	ALT1	WB	NT	Ramp	0.02	0.03	0.60	0.09	227	155	0.0018	0.0017	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0008	0.0040
325	2035	ALT1	WB	NT	Ramp	0.13	0.19	2.83	0.54	1327	922	0.0131	0.0121	0.0041	0.0002	0.0034	0.0082	0.0008	0.0006	0.0001	0.0062	0.0400
326	2035	ALT1	WB	NT	Ramp	0.05	0.08	1.63	0.22	622	418	0.0046	0.0043	0.0017	0.0001	0.0009	0.0024	0.0004	0.0003	0.0000	0.0017	0.0085
327	2035	ALT1	WB	NT	Ramp	0.12	0.17	2.36	0.50	1158	812	0.0120	0.0111	0.0038	0.0002	0.0038	0.0088	0.0007	0.0005	0.0001	0.0061	0.0464
328	2035	ALT1	WB	NT	Ramp	0.03	0.04	0.83	0.11	306	205	0.0022	0.0020	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0007	0.0036
329	2035	ALT1	WB	NT	Ramp	0.05	0.07	1.20	0.19	534	363	0.0047	0.0043	0.0016	0.0001	0.0010	0.0026	0.0003	0.0003	0.0000	0.0018	0.0109
330	2035	ALT1	WB	NT	Ramp	0.02	0.02	0.51	0.08	198	135	0.0016	0.0015	0.0005	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0008	0.0038
331	2035	ALT1	WB	NT	Ramp	0.07	0.09	1.89	0.35	767	537	0.0074	0.0068	0.0021	0.0001	0.0018	0.0043	0.0004	0.0003	0.0001	0.0043	0.0212
332	2035	ALT1	WB	NT	Ramp	0.03	0.04	0.90	0.17	353	248	0.0035	0.0032	0.0009	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0022	0.0094
333	2035	ALT1	WB	NT	Ramp	0.07	0.10	1.89	0.41	807	576	0.0087	0.0081	0.0022	0.0001	0.0024	0.0054	0.0004	0.0003	0.0001	0.0057	0.0285
334	2035	ALT1	WB	NT	Ramp	0.03	0.04	0.81	0.17	336	240	0.0037	0.0034	0.0009	0.0000	0.0009	0.0021	0.0002	0.0001	0.0000	0.0026	0.0113
335	2035	ALT1	WB	NT	Ramp	0.11	0.15	2.41	0.72	1174	874	0.0158	0.0146	0.0033	0.0001	0.0048	0.0104	0.0006	0.0003	0.0001	0.0121	0.0609
336	2035	ALT1	WB	NT	Ramp	0.08	0.11	1.93	0.49	867	634	0.0110	0.0101	0.0023	0.0001	0.0030	0.0066	0.0004	0.0003	0.0001	0.0082	0.0373
337	2035	ALT1	WB	NT	Ramp	0.04	0.05	0.66	0.32	408	325	0.0077	0.0071	0.0011	0.0000	0.0023	0.0049	0.0002	0.0001	0.0000	0.0069	0.0309

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
338	2035	ALT1	WB	NT	Ramp	0.01	0.01	0.16	0.08	102	81	0.0018	0.0017	0.0003	0.0000	0.0006	0.0013	0.0000	0.0000	0.0000	0.0016	0.0080
339	2035	ALT1	WB	NT	Ramp	0.16	0.20	4.36	0.88	1776	1257	0.0217	0.0200	0.0047	0.0002	0.0038	0.0090	0.0010	0.0005	0.0001	0.0162	0.0425
340	2035	ALT1	WB	NT	Ramp	0.62	0.79	12.21	4.35	6378	4882	0.1006	0.0927	0.0172	0.0005	0.0297	0.0631	0.0029	0.0015	0.0006	0.0843	0.3825
341	2035	ALT1	WB	NT	Ramp	0.46	0.61	12.09	2.46	5017	3556	0.0523	0.0483	0.0138	0.0006	0.0135	0.0311	0.0027	0.0017	0.0004	0.0334	0.1609
342	2035	ALT1	WB	NT	Ramp	0.04	0.05	0.89	0.25	426	315	0.0056	0.0051	0.0012	0.0000	0.0017	0.0036	0.0002	0.0001	0.0000	0.0042	0.0211
343	2035	ALT1	WB	NT	Ramp	0.10	0.14	1.44	0.47	813	603	0.0106	0.0098	0.0029	0.0001	0.0049	0.0105	0.0005	0.0003	0.0001	0.0072	0.0639
344	2035	ALT1	WB	NT	Ramp	0.04	0.05	0.93	0.24	430	313	0.0052	0.0048	0.0012	0.0000	0.0015	0.0034	0.0002	0.0001	0.0000	0.0037	0.0190
345	2035	ALT1	WB	NT	Ramp	0.02	0.03	0.38	0.11	204	149	0.0025	0.0024	0.0007	0.0000	0.0010	0.0021	0.0001	0.0001	0.0000	0.0017	0.0122
346	2035	ALT1	WB	NT	Ramp	0.07	0.09	1.11	0.28	576	413	0.0066	0.0061	0.0019	0.0001	0.0025	0.0055	0.0004	0.0002	0.0001	0.0039	0.0309
347	2035	ALT1	WB	NT	Ramp	0.07	0.10	1.83	0.25	753	505	0.0059	0.0054	0.0022	0.0001	0.0011	0.0029	0.0005	0.0004	0.0001	0.0019	0.0104
348	2035	ALT1	WB	NT	Ramp	0.25	0.33	5.80	1.59	2676	1978	0.0358	0.0330	0.0072	0.0003	0.0099	0.0216	0.0013	0.0008	0.0002	0.0276	0.1238
349	2035	ALT1	WB	NT	Ramp	0.09	0.12	2.35	0.42	963	669	0.0089	0.0082	0.0027	0.0001	0.0022	0.0052	0.0006	0.0004	0.0001	0.0048	0.0248
350	2035	ALT1	WB	NT	Ramp	0.06	0.08	1.79	0.27	656	448	0.0053	0.0049	0.0018	0.0001	0.0011	0.0028	0.0004	0.0002	0.0000	0.0027	0.0115
351	2035	ALT1	WB	NT	Ramp	0.05	0.06	0.68	0.26	400	303	0.0058	0.0053	0.0013	0.0000	0.0024	0.0050	0.0002	0.0001	0.0000	0.0043	0.0307
352	2035	ALT1	WB	NT	Ramp	0.05	0.08	1.24	0.20	559	381	0.0050	0.0046	0.0017	0.0001	0.0011	0.0029	0.0004	0.0003	0.0000	0.0020	0.0125
353	2035	ALT1	WB	NT	Ramp	0.07	0.10	2.25	0.32	851	575	0.0065	0.0060	0.0024	0.0001	0.0013	0.0034	0.0005	0.0003	0.0001	0.0026	0.0130
354	2035	ALT1	WB	NT	Ramp	0.15	0.21	3.18	0.56	1473	1012	0.0138	0.0127	0.0046	0.0002	0.0035	0.0086	0.0009	0.0007	0.0001	0.0058	0.0402
355	2035	ALT1	WB	NT	Ramp	0.04	0.06	1.13	0.18	454	311	0.0039	0.0036	0.0013	0.0001	0.0009	0.0022	0.0003	0.0002	0.0000	0.0018	0.0095
356	2035	ALT1	WB	NT	Ramp	0.05	0.07	1.07	0.19	495	341	0.0046	0.0043	0.0016	0.0001	0.0012	0.0029	0.0003	0.0002	0.0000	0.0020	0.0137
357	2035	ALT1	WB	NT	Ramp	0.13	0.19	2.99	0.44	1358	915	0.0115	0.0106	0.0043	0.0002	0.0026	0.0066	0.0009	0.0007	0.0001	0.0035	0.0270
358	2035	ALT1	WB	NT	Ramp	0.05	0.07	1.25	0.21	520	357	0.0046	0.0042	0.0015	0.0001	0.0011	0.0026	0.0003	0.0002	0.0000	0.0021	0.0118
359	2035	ALT1	WB	NT	Ramp	0.08	0.12	1.75	0.27	808	547	0.0070	0.0065	0.0026	0.0001	0.0017	0.0043	0.0005	0.0004	0.0001	0.0023	0.0188
360	2035	ALT1	WB	NT	Ramp	0.03	0.05	0.91	0.15	373	257	0.0033	0.0031	0.0011	0.0000	0.0008	0.0019	0.0002	0.0002	0.0000	0.0016	0.0088
361	2035	ALT1	WB	NT	Ramp	0.05	0.07	1.07	0.18	500	341	0.0045	0.0042	0.0016	0.0001	0.0012	0.0029	0.0003	0.0003	0.0000	0.0017	0.0135
362	2035	ALT1	WB	NT	Ramp	0.03	0.04	0.78	0.15	329	232	0.0033	0.0031	0.0009	0.0000	0.0009	0.0020	0.0002	0.0001	0.0000	0.0020	0.0103
363	2035	ALT1	WB	NT	Ramp	0.10	0.14	2.16	0.32	975	657	0.0082	0.0076	0.0031	0.0001	0.0018	0.0047	0.0006	0.0005	0.0001	0.0026	0.0191
364	2035	ALT1	WB	NT	HOV																	
365	2035	ALT1	WB	NT	HOV																	
366	2035	ALT1	WB	NT	HOV																	
367	2035	ALT1	WB	NT	HOV																	
368	2035	ALT1	WB	NT	HOV																	
369	2035	ALT1	WB	NT	HOV																	
370	2035	ALT1	WB	NT	HOV																	
371	2035	ALT1	WB	NT	HOV																	
372	2035	ALT1	WB	NT	HOV																	
373	2035	ALT1	WB	NT	HOV																	
374	2035	ALT1	WB	NT	HOV																	
375	2035	ALT1	WB	NT	HOV																	
376	2035	ALT1	WB	NT	HOV																	
377	2035	ALT1	WB	NT	HOV																	
378	2035	ALT1	WB	NT	HOV																	
379	2035	ALT1	WB	NT	HOV																	
380	2035	ALT1	WB	NT	HOV																	
381	2035	ALT1	WB	NT	HOV																	
382	2035	ALT1	WB	NT	HOV																	
383	2035	ALT1	WB	NT	HOV																	
384	2035	ALT1	WB	NT	HOV																	
385	2035	ALT1	WB	NT	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
386	2035	ALT1	WB	NT	HOV																	
387	2035	ALT1	WB	NT	HOV																	
388	2035	ALT1	WB	NT	HOV																	
389	2035	ALT1	WB	NT	HOV																	
390	2035	ALT1	WB	NT	HOV																	
391	2035	ALT1	WB	NT	HOV																	
392	2035	ALT1	WB	NT	HOV																	
393	2035	ALT1	WB	NT	HOV																	
394	2035	ALT1	WB	NT	HOV																	
395	2035	ALT1	WB	NT	HOV																	
396	2035	ALT1	WB	NT	HOV																	
397	2035	ALT1	WB	NT	HOV																	
398	2035	ALT1	WB	NT	HOV																	
399	2035	ALT1	WB	NT	HOV																	
400	2035	ALT1	WB	NT	HOV																	
401	2035	ALT1	WB	NT	HOV																	
402	2035	ALT1	WB	NT	HOV																	
403	2035	ALT1	WB	NT	HOV																	
404	2035	ALT1	WB	NT	HOV																	
405	2035	ALT1	WB	NT	HOV																	
406	2035	ALT1	WB	NT	HOV																	
407	2035	ALT1	WB	NT	HOV																	
408	2035	ALT1	WB	NT	HOV																	
409	2035	ALT1	WB	NT	HOV																	
410	2035	ALT1	WB	NT	HOV																	
411	2035	ALT1	WB	NT	HOV																	
412	2035	ALT1	WB	NT	HOV																	
413	2035	ALT1	WB	NT	HOV																	
414	2035	ALT1	WB	NT	HOV																	
415	2035	ALT1	WB	NT	HOV																	
416	2035	ALT1	WB	NT	HOV																	
417	2035	ALT1	WB	NT	HOV																	
418	2035	ALT1	WB	NT	HOV																	
419	2035	ALT1	WB	NT	HOV	0.20	0.27	5.68	0.65	2084	1355	0.0089	0.0082	0.0065	0.0003	0.0013	0.0050	0.0015	0.0007	0.0001	0.0008	0.0017
420	2035	ALT1	WB	NT	HOV	0.14	0.19	3.99	0.46	1463	951	0.0062	0.0058	0.0046	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0006	0.0012
421	2035	ALT1	WB	NT	HOV	0.14	0.18	3.86	0.44	1412	918	0.0060	0.0056	0.0044	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0011
422	2035	ALT1	WB	NT	HOV	0.15	0.19	4.05	0.47	1505	979	0.0064	0.0060	0.0048	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0012
423	2035	ALT1	WB	NT	HOV	0.29	0.37	7.81	0.90	2902	1887	0.0124	0.0115	0.0092	0.0005	0.0018	0.0070	0.0021	0.0010	0.0001	0.0012	0.0023
424	2035	ALT1	WB	NT	HOV	0.07	0.09	1.91	0.22	710	462	0.0030	0.0028	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
425	2035	ALT1	WB	NT	HOV	0.16	0.22	4.52	0.52	1678	1091	0.0072	0.0066	0.0053	0.0003	0.0010	0.0041	0.0012	0.0006	0.0001	0.0007	0.0013
426	2035	ALT1	WB	NT	HOV	0.08	0.11	2.18	0.25	828	538	0.0035	0.0033	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0006
427	2035	ALT1	WB	NT	HOV	0.16	0.21	4.17	0.48	1583	1029	0.0068	0.0063	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0012
428	2035	ALT1	WB	NT	HOV	0.17	0.22	4.45	0.52	1690	1099	0.0072	0.0067	0.0055	0.0003	0.0011	0.0042	0.0013	0.0006	0.0001	0.0007	0.0013
429	2035	ALT1	WB	NT	HOV	0.11	0.15	2.97	0.35	1127	733	0.0048	0.0045	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0009
430	2035	ALT1	WB	NT	HOV	0.20	0.26	5.43	0.63	2028	1319	0.0087	0.0080	0.0065	0.0003	0.0013	0.0049	0.0015	0.0007	0.0001	0.0008	0.0016
431	2035	ALT1	WB	NT	HOV	0.18	0.24	4.89	0.57	1828	1189	0.0078	0.0072	0.0058	0.0003	0.0011	0.0045	0.0013	0.0006	0.0001	0.0007	0.0014
432	2035	ALT1	WB	NT	HOV	0.21	0.28	5.76	0.67	2153	1400	0.0092	0.0085	0.0068	0.0004	0.0014	0.0053	0.0016	0.0007	0.0001	0.0009	0.0017
433	2035	ALT1	WB	NT	HOV	0.16	0.22	4.45	0.51	1661	1080	0.0071	0.0066	0.0053	0.0003	0.0010	0.0041	0.0012	0.0006	0.0001	0.0007	0.0013

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
434	2035	ALT1	WB	NT	HOV	0.14	0.18	3.74	0.43	1397	908	0.0060	0.0055	0.0044	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0011
435	2035	ALT1	WB	NT	HOV	0.28	0.37	7.64	0.88	2835	1843	0.0121	0.0112	0.0089	0.0005	0.0018	0.0069	0.0021	0.0010	0.0001	0.0011	0.0022
436	2035	ALT1	WB	NT	HOV	0.03	0.04	0.73	0.08	272	177	0.0012	0.0011	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
437	2035	ALT1	WB	NT	HOV	0.30	0.39	8.13	0.94	3016	1961	0.0129	0.0119	0.0095	0.0005	0.0019	0.0073	0.0022	0.0010	0.0002	0.0012	0.0024
1	2035	ALT2	EB	AM	Mainline	0.49	0.64	13.04	2.66	5494	3870	0.0711	0.0655	0.0151	0.0007	0.0106	0.0260	0.0032	0.0015	0.0004	0.0544	0.1133
2	2035	ALT2	EB	AM	Mainline	1.26	1.61	31.47	6.72	13692	9673	0.1902	0.1752	0.0382	0.0018	0.0265	0.0652	0.0080	0.0038	0.0012	0.1491	0.2813
3	2035	ALT2	EB	AM	Mainline	0.06	0.08	1.54	0.32	671	471	0.0090	0.0083	0.0019	0.0001	0.0012	0.0030	0.0004	0.0002	0.0001	0.0069	0.0122
4	2035	ALT2	EB	AM	Mainline	1.07	1.38	27.25	5.76	11767	8309	0.1610	0.1483	0.0326	0.0015	0.0228	0.0560	0.0068	0.0033	0.0010	0.1256	0.2427
5	2035	ALT2	EB	AM	Mainline	0.45	0.57	10.79	2.25	4735	3325	0.0649	0.0598	0.0136	0.0006	0.0086	0.0216	0.0029	0.0013	0.0004	0.0504	0.0879
6	2035	ALT2	EB	AM	Mainline	0.65	0.84	16.10	3.45	7049	4980	0.0990	0.0912	0.0198	0.0009	0.0136	0.0335	0.0042	0.0020	0.0006	0.0779	0.1436
7	2035	ALT2	EB	AM	Mainline	0.94	1.22	25.38	5.11	10533	7418	0.1326	0.1222	0.0286	0.0013	0.0206	0.0502	0.0060	0.0030	0.0008	0.1004	0.2220
8	2035	ALT2	EB	AM	Mainline	1.21	1.55	30.41	6.49	13197	9328	0.1828	0.1685	0.0366	0.0017	0.0257	0.0631	0.0077	0.0037	0.0011	0.1433	0.2741
9	2035	ALT2	EB	AM	Mainline	1.00	1.30	27.18	5.45	11263	7928	0.1411	0.1301	0.0306	0.0014	0.0219	0.0535	0.0064	0.0032	0.0009	0.1065	0.2354
10	2035	ALT2	EB	AM	Mainline	0.31	0.40	7.49	1.65	3339	2366	0.0491	0.0452	0.0094	0.0004	0.0066	0.0161	0.0020	0.0009	0.0003	0.0392	0.0696
11	2035	ALT2	EB	AM	Mainline	0.64	0.83	16.93	3.43	7093	4992	0.0906	0.0836	0.0194	0.0009	0.0136	0.0335	0.0041	0.0020	0.0006	0.0689	0.1455
12	2035	ALT2	EB	AM	Mainline	0.45	0.58	11.41	2.37	4913	3457	0.0658	0.0606	0.0138	0.0006	0.0092	0.0228	0.0029	0.0014	0.0004	0.0508	0.0959
13	2035	ALT2	EB	AM	Mainline	0.46	0.59	10.81	2.13	4722	3284	0.0606	0.0559	0.0140	0.0007	0.0078	0.0202	0.0030	0.0014	0.0004	0.0456	0.0746
14	2035	ALT2	EB	AM	Mainline	0.68	0.88	16.50	3.24	7150	4974	0.0908	0.0837	0.0211	0.0010	0.0118	0.0307	0.0045	0.0021	0.0006	0.0682	0.1149
15	2035	ALT2	EB	AM	Mainline	0.83	1.08	22.06	4.22	9141	6370	0.1091	0.1006	0.0256	0.0012	0.0158	0.0400	0.0054	0.0027	0.0007	0.0803	0.1609
16	2035	ALT2	EB	AM	Mainline	0.48	0.63	13.10	2.47	5359	3734	0.0626	0.0577	0.0149	0.0007	0.0093	0.0235	0.0032	0.0016	0.0004	0.0456	0.0958
17	2035	ALT2	EB	AM	Mainline	0.77	0.99	20.65	4.05	8536	5982	0.1045	0.0963	0.0234	0.0011	0.0158	0.0392	0.0049	0.0024	0.0007	0.0780	0.1668
18	2035	ALT2	EB	AM	Mainline	0.64	0.83	16.20	3.20	6910	4824	0.0874	0.0805	0.0197	0.0009	0.0120	0.0304	0.0042	0.0020	0.0006	0.0658	0.1203
19	2035	ALT2	EB	AM	Mainline	0.50	0.65	11.92	2.41	5238	3656	0.0695	0.0640	0.0155	0.0007	0.0089	0.0229	0.0033	0.0015	0.0004	0.0531	0.0874
20	2035	ALT2	EB	AM	Mainline	1.01	1.30	24.01	4.94	10592	7414	0.1438	0.1325	0.0311	0.0015	0.0185	0.0473	0.0067	0.0030	0.0009	0.1110	0.1846
21	2035	ALT2	EB	AM	Mainline	0.11	0.14	2.62	0.54	1166	815	0.0159	0.0146	0.0035	0.0002	0.0020	0.0051	0.0007	0.0003	0.0001	0.0122	0.0194
22	2035	ALT2	EB	AM	Mainline	0.45	0.57	10.52	2.06	4600	3194	0.0585	0.0539	0.0138	0.0007	0.0074	0.0195	0.0030	0.0013	0.0004	0.0439	0.0706
23	2035	ALT2	EB	AM	Mainline	0.45	0.57	10.49	2.11	4624	3224	0.0611	0.0564	0.0137	0.0007	0.0078	0.0201	0.0030	0.0013	0.0004	0.0466	0.0755
24	2035	ALT2	EB	AM	Mainline	0.42	0.54	9.74	1.90	4276	2967	0.0545	0.0502	0.0129	0.0006	0.0069	0.0180	0.0028	0.0013	0.0003	0.0408	0.0646
25	2035	ALT2	EB	AM	Mainline	0.27	0.34	6.38	1.24	2763	1918	0.0346	0.0319	0.0082	0.0004	0.0045	0.0117	0.0018	0.0008	0.0002	0.0258	0.0428
26	2035	ALT2	EB	AM	Mainline	2.33	2.99	53.57	10.29	23554	16302	0.2949	0.2719	0.0720	0.0035	0.0368	0.0980	0.0157	0.0069	0.0019	0.2191	0.3392
27	2035	ALT2	EB	AM	Mainline	1.86	2.38	41.25	7.89	18371	12701	0.2325	0.2144	0.0574	0.0028	0.0284	0.0763	0.0125	0.0054	0.0015	0.1732	0.2567
28	2035	ALT2	EB	AM	Mainline	1.03	1.31	23.04	4.37	10195	7042	0.1267	0.1169	0.0317	0.0016	0.0156	0.0420	0.0069	0.0030	0.0008	0.0937	0.1407
29	2035	ALT2	EB	AM	Mainline	0.71	0.91	15.86	2.94	7002	4820	0.0844	0.0779	0.0220	0.0011	0.0104	0.0283	0.0048	0.0021	0.0005	0.0615	0.0911
30	2035	ALT2	EB	AM	Mainline	1.22	1.56	27.03	4.97	11941	8211	0.1427	0.1316	0.0378	0.0019	0.0175	0.0480	0.0083	0.0036	0.0009	0.1034	0.1520
31	2035	ALT2	EB	AM	Mainline	0.91	1.17	20.45	3.72	8964	6156	0.1047	0.0966	0.0282	0.0014	0.0130	0.0357	0.0062	0.0027	0.0007	0.0751	0.1120
32	2035	ALT2	EB	AM	Mainline	0.98	1.25	22.65	4.17	9830	6765	0.1155	0.1065	0.0303	0.0015	0.0145	0.0394	0.0066	0.0029	0.0008	0.0832	0.1293
33	2035	ALT2	EB	AM	Mainline	0.90	1.15	21.36	3.86	9137	6276	0.1034	0.0954	0.0278	0.0014	0.0133	0.0361	0.0061	0.0027	0.0007	0.0733	0.1175
34	2035	ALT2	EB	AM	Mainline	1.06	1.36	25.78	4.73	10958	7551	0.1262	0.1164	0.0328	0.0016	0.0165	0.0442	0.0071	0.0033	0.0008	0.0905	0.1517
35	2035	ALT2	EB	AM	Mainline	0.59	0.76	14.22	2.53	6047	4144	0.0666	0.0614	0.0185	0.0009	0.0086	0.0235	0.0041	0.0018	0.0004	0.0465	0.0748
36	2035	ALT2	EB	AM	Mainline	0.71	0.92	17.04	3.03	7245	4966	0.0798	0.0736	0.0221	0.0011	0.0103	0.0282	0.0049	0.0022	0.0005	0.0557	0.0896
37	2035	ALT2	EB	AM	Mainline	0.96	1.23	22.95	4.08	9758	6688	0.1075	0.0991	0.0298	0.0015	0.0138	0.0379	0.0065	0.0029	0.0007	0.0751	0.1207
38	2035	ALT2	EB	AM	Mainline	1.42	1.84	35.50	6.14	14761	10095	0.1546	0.1426	0.0444	0.0022	0.0205	0.0564	0.0097	0.0045	0.0011	0.1052	0.1795
39	2035	ALT2	EB	AM	Mainline	1.51	1.95	36.37	6.22	15312	10440	0.1584	0.1461	0.0472	0.0024	0.0205	0.0574	0.0104	0.0047	0.0011	0.1067	0.1711
40	2035	ALT2	EB	AM	Mainline	1.01	1.30	23.28	4.04	9997	6825	0.1076	0.0992	0.0314	0.0016	0.0136	0.0381	0.0069	0.0031	0.0007	0.0740	0.1130
41	2035	ALT2	EB	AM	Mainline	0.37	0.48	8.92	1.53	3766	2568	0.0391	0.0361	0.0116	0.0006	0.0050	0.0141	0.0026	0.0012	0.0003	0.0264	0.0420
42	2035	ALT2	EB	AM	Mainline	1.09	1.41	27.11	4.67	11289	7715	0.1177	0.1086	0.0341	0.0017	0.0156	0.0429	0.0075	0.0034	0.0008	0.0799	0.1348
43	2035	ALT2	EB	AM	Mainline	0.48	0.62	11.34	1.95	4805	3276	0.0501	0.0462	0.0149	0.0008	0.0064	0.0180	0.0033	0.0015	0.0003	0.0339	0.0533
44	2035	ALT2	EB	AM	Mainline	0.76	0.97	17.94	3.08	7600	5181	0.0792	0.0731	0.0236	0.0012	0.0102	0.0285	0.0052	0.0023	0.0005	0.0536	0.0843

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
45	2035	ALT2	EB	AM	Mainline	0.33	0.43	8.01	1.37	3379	2302	0.0348	0.0321	0.0104	0.0005	0.0045	0.0126	0.0023	0.0010	0.0002	0.0234	0.0371
46	2035	ALT2	EB	AM	Mainline	0.88	1.14	22.06	3.75	9136	6234	0.0932	0.0860	0.0276	0.0014	0.0124	0.0343	0.0061	0.0028	0.0006	0.0624	0.1062
47	2035	ALT2	EB	AM	Mainline	0.05	0.07	1.22	0.21	516	351	0.0053	0.0049	0.0016	0.0001	0.0007	0.0019	0.0004	0.0002	0.0000	0.0036	0.0056
48	2035	ALT2	EB	AM	Mainline	1.07	1.37	24.96	4.27	10634	7246	0.1111	0.1025	0.0333	0.0017	0.0142	0.0399	0.0074	0.0033	0.0008	0.0751	0.1161
49	2035	ALT2	EB	AM	Mainline	0.08	0.11	2.03	0.35	855	583	0.0088	0.0081	0.0026	0.0001	0.0011	0.0032	0.0006	0.0003	0.0001	0.0059	0.0095
50	2035	ALT2	EB	AM	Mainline	1.32	1.70	31.61	5.47	13348	9115	0.1408	0.1299	0.0410	0.0021	0.0182	0.0506	0.0090	0.0041	0.0010	0.0959	0.1539
51	2035	ALT2	EB	AM	Mainline	0.21	0.28	5.37	0.92	2218	1515	0.0227	0.0210	0.0066	0.0003	0.0030	0.0084	0.0015	0.0007	0.0002	0.0153	0.0265
52	2035	ALT2	EB	AM	Mainline	0.31	0.40	8.05	1.35	3257	2224	0.0324	0.0299	0.0096	0.0005	0.0045	0.0122	0.0021	0.0010	0.0002	0.0215	0.0396
53	2035	ALT2	EB	AM	Mainline	0.22	0.29	6.08	1.04	2443	1676	0.0250	0.0231	0.0070	0.0003	0.0036	0.0095	0.0015	0.0007	0.0002	0.0169	0.0331
54	2035	ALT2	EB	AM	Mainline	1.14	1.50	32.81	5.58	12823	8824	0.1291	0.1191	0.0355	0.0017	0.0198	0.0515	0.0076	0.0039	0.0009	0.0866	0.1935
55	2035	ALT2	EB	AM	Mainline	0.57	0.73	14.54	2.58	6011	4132	0.0651	0.0601	0.0176	0.0009	0.0089	0.0237	0.0038	0.0018	0.0004	0.0453	0.0817
56	2035	ALT2	EB	AM	Mainline	0.70	0.91	18.56	3.36	7587	5241	0.0840	0.0774	0.0216	0.0010	0.0119	0.0311	0.0046	0.0023	0.0006	0.0594	0.1155
57	2035	ALT2	EB	AM	Mainline	0.44	0.56	9.97	1.82	4357	2995	0.0512	0.0472	0.0136	0.0007	0.0064	0.0174	0.0030	0.0013	0.0003	0.0368	0.0556
58	2035	ALT2	EB	AM	Mainline	1.42	1.83	32.71	6.15	14319	9882	0.1742	0.1606	0.0441	0.0022	0.0218	0.0585	0.0096	0.0043	0.0011	0.1276	0.1967
59	2035	ALT2	EB	AM	Mainline	0.37	0.47	8.18	1.52	3610	2486	0.0436	0.0402	0.0114	0.0006	0.0054	0.0146	0.0025	0.0011	0.0003	0.0318	0.0471
60	2035	ALT2	EB	AM	Mainline	1.44	1.84	32.42	6.23	14377	9948	0.1819	0.1677	0.0445	0.0022	0.0224	0.0599	0.0097	0.0042	0.0012	0.1356	0.2045
61	2035	ALT2	EB	AM	Mainline	0.32	0.41	7.04	1.34	3151	2177	0.0400	0.0368	0.0099	0.0005	0.0048	0.0131	0.0022	0.0009	0.0003	0.0297	0.0432
62	2035	ALT2	EB	AM	Mainline	0.64	0.81	13.66	2.71	6218	4317	0.0840	0.0774	0.0196	0.0010	0.0100	0.0266	0.0043	0.0018	0.0005	0.0642	0.0916
63	2035	ALT2	EB	AM	Mainline	0.24	0.31	5.18	1.07	2379	1661	0.0339	0.0312	0.0074	0.0004	0.0040	0.0105	0.0016	0.0007	0.0002	0.0264	0.0380
64	2035	ALT2	EB	AM	Mainline	0.71	0.90	15.24	3.32	7088	4986	0.1080	0.0995	0.0217	0.0010	0.0128	0.0327	0.0047	0.0020	0.0006	0.0863	0.1258
65	2035	ALT2	EB	AM	Mainline	0.23	0.29	4.89	1.05	2264	1591	0.0339	0.0313	0.0069	0.0003	0.0040	0.0103	0.0015	0.0006	0.0002	0.0270	0.0395
66	2035	ALT2	EB	AM	Mainline	0.09	0.11	1.85	0.44	877	625	0.0148	0.0136	0.0026	0.0001	0.0018	0.0043	0.0005	0.0002	0.0001	0.0123	0.0184
67	2035	ALT2	EB	AM	Mainline	0.57	0.73	12.00	3.31	6003	4369	0.1193	0.1099	0.0172	0.0008	0.0139	0.0331	0.0035	0.0015	0.0006	0.1033	0.1545
68	2035	ALT2	EB	AM	Mainline	0.43	0.54	8.85	2.37	4409	3192	0.0857	0.0790	0.0129	0.0006	0.0098	0.0237	0.0027	0.0012	0.0005	0.0737	0.1070
69	2035	ALT2	EB	AM	Mainline	0.97	1.22	19.70	5.81	10145	7451	0.2176	0.2004	0.0287	0.0013	0.0249	0.0584	0.0059	0.0025	0.0011	0.1915	0.2812
70	2035	ALT2	EB	AM	Mainline	0.60	0.75	11.90	3.43	6144	4492	0.1315	0.1211	0.0179	0.0008	0.0145	0.0345	0.0037	0.0016	0.0007	0.1154	0.1608
71	2035	ALT2	EB	AM	Mainline	0.77	0.97	15.27	4.68	8041	5931	0.1820	0.1676	0.0229	0.0010	0.0201	0.0471	0.0047	0.0020	0.0009	0.1617	0.2280
72	2035	ALT2	EB	AM	Mainline	0.77	0.97	15.22	4.40	7873	5757	0.1694	0.1560	0.0229	0.0010	0.0186	0.0442	0.0047	0.0020	0.0009	0.1487	0.2061
73	2035	ALT2	EB	AM	Ramp	0.05	0.08	1.21	0.15	553	367	0.0044	0.0041	0.0018	0.0001	0.0008	0.0023	0.0004	0.0003	0.0000	0.0009	0.0080
74	2035	ALT2	EB	AM	Ramp	0.05	0.07	0.86	0.12	429	287	0.0037	0.0034	0.0015	0.0001	0.0010	0.0024	0.0003	0.0003	0.0000	0.0008	0.0104
75	2035	ALT2	EB	AM	Ramp	0.07	0.11	1.20	0.15	643	423	0.0056	0.0052	0.0024	0.0001	0.0010	0.0029	0.0005	0.0004	0.0001	0.0006	0.0098
76	2035	ALT2	EB	AM	Ramp	0.09	0.13	1.47	0.20	769	512	0.0068	0.0063	0.0028	0.0001	0.0018	0.0045	0.0006	0.0005	0.0001	0.0013	0.0189
77	2035	ALT2	EB	AM	Ramp	0.06	0.08	1.17	0.15	556	371	0.0046	0.0043	0.0019	0.0001	0.0010	0.0027	0.0004	0.0003	0.0000	0.0010	0.0102
78	2035	ALT2	EB	AM	Ramp	0.10	0.14	1.26	0.18	756	502	0.0073	0.0068	0.0031	0.0001	0.0021	0.0052	0.0006	0.0006	0.0001	0.0011	0.0232
79	2035	ALT2	EB	AM	Ramp	0.09	0.14	1.42	0.20	788	524	0.0072	0.0067	0.0030	0.0001	0.0019	0.0048	0.0006	0.0005	0.0001	0.0012	0.0206
80	2035	ALT2	EB	AM	Ramp	0.18	0.26	2.93	0.38	1558	1031	0.0137	0.0127	0.0058	0.0003	0.0030	0.0081	0.0012	0.0010	0.0002	0.0020	0.0309
81	2035	ALT2	EB	AM	Ramp	0.11	0.16	3.18	0.42	1283	858	0.0097	0.0090	0.0038	0.0002	0.0017	0.0047	0.0008	0.0006	0.0001	0.0028	0.0156
82	2035	ALT2	EB	AM	Ramp	0.15	0.22	3.05	0.37	1458	962	0.0117	0.0108	0.0049	0.0002	0.0021	0.0059	0.0011	0.0009	0.0001	0.0017	0.0187
83	2035	ALT2	EB	AM	Ramp	0.02	0.03	0.58	0.10	240	166	0.0022	0.0020	0.0007	0.0000	0.0005	0.0013	0.0001	0.0001	0.0000	0.0011	0.0060
84	2035	ALT2	EB	AM	Ramp	0.04	0.06	1.23	0.14	454	301	0.0030	0.0028	0.0013	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0007	0.0037
85	2035	ALT2	EB	AM	Ramp	0.10	0.14	2.77	0.50	1132	788	0.0106	0.0098	0.0032	0.0001	0.0026	0.0062	0.0006	0.0004	0.0001	0.0058	0.0297
86	2035	ALT2	EB	AM	Ramp	0.09	0.13	2.16	0.40	964	670	0.0093	0.0086	0.0029	0.0001	0.0023	0.0055	0.0006	0.0004	0.0001	0.0047	0.0266
87	2035	ALT2	EB	AM	Ramp	0.03	0.05	0.68	0.10	316	214	0.0028	0.0025	0.0010	0.0000	0.0007	0.0017	0.0002	0.0002	0.0000	0.0009	0.0077
88	2035	ALT2	EB	AM	Ramp	0.11	0.16	2.14	0.30	1023	685	0.0086	0.0080	0.0035	0.0002	0.0021	0.0053	0.0007	0.0006	0.0001	0.0021	0.0218
89	2035	ALT2	EB	AM	Ramp	0.02	0.02	0.36	0.05	167	112	0.0014	0.0013	0.0005	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0004	0.0039
90	2035	ALT2	EB	AM	Ramp	0.03	0.03	0.37	0.13	214	161	0.0030	0.0027	0.0007	0.0000	0.0012	0.0027	0.0001	0.0001	0.0000	0.0021	0.0161
91	2035	ALT2	EB	AM	Ramp	0.10	0.14	2.13	0.35	978	667	0.0088	0.0081	0.0031	0.0001	0.0022	0.0054	0.0006	0.0005	0.0001	0.0033	0.0241
92	2035	ALT2	EB	AM	Ramp	0.05	0.07	0.76	0.17	394	278	0.0042	0.0039	0.0014	0.0001	0.0018	0.0039	0.0003	0.0002	0.0000	0.0021	0.0219

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
93	2035	ALT2	EB	AM	Ramp	0.38	0.50	9.21	2.26	4073	2961	0.0495	0.0457	0.0111	0.0004	0.0135	0.0300	0.0021	0.0012	0.0003	0.0359	0.1667
94	2035	ALT2	EB	AM	Ramp	0.30	0.43	7.05	1.09	3140	2130	0.0272	0.0251	0.0097	0.0005	0.0058	0.0149	0.0020	0.0015	0.0003	0.0098	0.0616
95	2035	ALT2	EB	AM	Ramp	0.16	0.23	2.21	0.39	1230	836	0.0120	0.0111	0.0050	0.0002	0.0049	0.0113	0.0010	0.0008	0.0001	0.0033	0.0588
96	2035	ALT2	EB	AM	Ramp	0.02	0.03	0.72	0.10	256	172	0.0018	0.0017	0.0007	0.0000	0.0003	0.0009	0.0001	0.0001	0.0000	0.0008	0.0033
97	2035	ALT2	EB	AM	Ramp	0.04	0.06	1.04	0.21	448	316	0.0045	0.0042	0.0013	0.0001	0.0012	0.0028	0.0003	0.0002	0.0000	0.0026	0.0142
98	2035	ALT2	EB	AM	Ramp	0.02	0.03	0.57	0.14	255	184	0.0030	0.0027	0.0007	0.0000	0.0008	0.0019	0.0001	0.0001	0.0000	0.0020	0.0103
99	2035	ALT2	EB	AM	Ramp	0.06	0.08	1.66	0.31	672	470	0.0065	0.0060	0.0019	0.0001	0.0016	0.0038	0.0004	0.0002	0.0000	0.0037	0.0186
100	2035	ALT2	EB	AM	Ramp	0.09	0.12	2.56	0.37	985	667	0.0077	0.0071	0.0028	0.0001	0.0015	0.0040	0.0006	0.0004	0.0001	0.0031	0.0158
101	2035	ALT2	EB	AM	Ramp	0.03	0.04	0.77	0.15	310	219	0.0032	0.0029	0.0008	0.0000	0.0008	0.0018	0.0002	0.0001	0.0000	0.0020	0.0090
102	2035	ALT2	EB	AM	Ramp	0.04	0.05	1.22	0.16	453	304	0.0032	0.0030	0.0013	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0011	0.0056
103	2035	ALT2	EB	AM	Ramp	0.01	0.02	0.43	0.06	155	105	0.0012	0.0011	0.0004	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0005	0.0023
104	2035	ALT2	EB	AM	Ramp	0.07	0.11	1.79	0.22	788	521	0.0060	0.0055	0.0025	0.0001	0.0009	0.0028	0.0005	0.0004	0.0001	0.0011	0.0081
105	2035	ALT2	EB	AM	Ramp	0.03	0.04	0.79	0.11	306	205	0.0023	0.0021	0.0009	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0008	0.0040
106	2035	ALT2	EB	AM	Ramp	0.02	0.03	0.31	0.04	186	122	0.0018	0.0016	0.0007	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0002	0.0030
107	2035	ALT2	EB	AM	Ramp	0.04	0.06	1.13	0.20	483	333	0.0044	0.0041	0.0014	0.0001	0.0010	0.0025	0.0003	0.0002	0.0000	0.0021	0.0117
108	2035	ALT2	EB	AM	Ramp	0.09	0.14	1.95	0.23	916	603	0.0071	0.0066	0.0030	0.0002	0.0011	0.0034	0.0007	0.0005	0.0001	0.0009	0.0096
109	2035	ALT2	EB	AM	Ramp	0.04	0.06	1.23	0.19	494	337	0.0041	0.0038	0.0014	0.0001	0.0009	0.0022	0.0003	0.0002	0.0000	0.0018	0.0095
110	2035	ALT2	EB	AM	Ramp	0.09	0.14	2.25	0.28	983	651	0.0075	0.0070	0.0031	0.0002	0.0012	0.0036	0.0007	0.0005	0.0001	0.0015	0.0107
111	2035	ALT2	EB	AM	Ramp	0.03	0.04	0.94	0.12	340	228	0.0024	0.0022	0.0009	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0008	0.0041
112	2035	ALT2	EB	AM	Ramp	0.10	0.14	2.26	0.30	1017	678	0.0081	0.0075	0.0033	0.0002	0.0016	0.0043	0.0007	0.0006	0.0001	0.0019	0.0153
113	2035	ALT2	EB	AM	Ramp	0.06	0.09	1.58	0.21	682	455	0.0053	0.0049	0.0021	0.0001	0.0009	0.0026	0.0005	0.0004	0.0001	0.0013	0.0084
114	2035	ALT2	EB	AM	Ramp	0.07	0.10	1.52	0.18	689	454	0.0053	0.0049	0.0022	0.0001	0.0009	0.0025	0.0005	0.0004	0.0001	0.0008	0.0074
115	2035	ALT2	EB	AM	Ramp																	
116	2035	ALT2	EB	AM	Ramp	0.02	0.03	0.57	0.07	245	161	0.0018	0.0017	0.0008	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0003	0.0019
117	2035	ALT2	EB	AM	Ramp	0.04	0.05	0.98	0.14	409	275	0.0033	0.0030	0.0012	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0011	0.0059
118	2035	ALT2	EB	AM	Ramp	0.02	0.04	0.62	0.07	263	174	0.0019	0.0018	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0023
119	2035	ALT2	EB	AM	Ramp	0.05	0.08	1.51	0.19	609	406	0.0045	0.0042	0.0018	0.0001	0.0008	0.0021	0.0004	0.0003	0.0000	0.0012	0.0067
120	2035	ALT2	EB	AM	Ramp	0.03	0.04	0.72	0.08	305	201	0.0022	0.0021	0.0009	0.0000	0.0003	0.0010	0.0002	0.0002	0.0000	0.0004	0.0024
121	2035	ALT2	EB	AM	Ramp	0.07	0.10	2.38	0.34	866	587	0.0066	0.0061	0.0023	0.0001	0.0013	0.0034	0.0005	0.0003	0.0001	0.0030	0.0132
122	2035	ALT2	EB	AM	Ramp	0.66	0.93	18.53	2.78	7402	5034	0.0605	0.0559	0.0211	0.0010	0.0128	0.0327	0.0044	0.0031	0.0005	0.0251	0.1346
123	2035	ALT2	EB	AM	Ramp	0.45	0.63	13.32	1.94	5135	3484	0.0405	0.0375	0.0144	0.0007	0.0083	0.0216	0.0030	0.0021	0.0004	0.0169	0.0861
124	2035	ALT2	EB	AM	Ramp																	
125	2035	ALT2	EB	AM	Ramp	0.16	0.23	2.25	0.33	1279	852	0.0120	0.0111	0.0051	0.0002	0.0035	0.0087	0.0010	0.0009	0.0001	0.0021	0.0392
126	2035	ALT2	EB	AM	Ramp	0.02	0.02	0.36	0.05	165	111	0.0014	0.0013	0.0005	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0004	0.0035
127	2035	ALT2	EB	AM	Ramp	0.22	0.34	2.80	0.38	1805	1190	0.0181	0.0167	0.0074	0.0004	0.0041	0.0108	0.0016	0.0014	0.0002	0.0018	0.0434
128	2035	ALT2	EB	AM	Ramp	0.00	0.01	0.10	0.01	41	27	0.0003	0.0003	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0004
129	2035	ALT2	EB	AM	Ramp	0.26	0.38	3.47	0.53	2052	1371	0.0200	0.0185	0.0084	0.0004	0.0064	0.0156	0.0017	0.0015	0.0002	0.0035	0.0738
130	2035	ALT2	EB	AM	Ramp	0.02	0.03	0.73	0.10	276	186	0.0021	0.0019	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0008	0.0041
131	2035	ALT2	EB	AM	Ramp	0.27	0.40	4.55	0.62	2389	1590	0.0211	0.0196	0.0089	0.0004	0.0053	0.0137	0.0018	0.0015	0.0002	0.0037	0.0569
132	2035	ALT2	EB	AM	Ramp	0.02	0.02	0.53	0.08	202	137	0.0016	0.0014	0.0006	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0006	0.0032
133	2035	ALT2	EB	AM	Ramp	0.18	0.27	3.74	0.48	1770	1175	0.0144	0.0133	0.0059	0.0003	0.0029	0.0079	0.0013	0.0010	0.0002	0.0027	0.0285
134	2035	ALT2	EB	AM	Ramp	0.18	0.25	5.57	0.78	2090	1413	0.0159	0.0147	0.0058	0.0003	0.0032	0.0083	0.0012	0.0008	0.0001	0.0064	0.0318
135	2035	ALT2	EB	AM	Ramp	0.18	0.26	3.13	0.48	1576	1062	0.0141	0.0130	0.0057	0.0003	0.0042	0.0102	0.0012	0.0009	0.0001	0.0037	0.0471
136	2035	ALT2	EB	AM	Ramp	0.01	0.01	0.16	0.02	71	48	0.0006	0.0005	0.0002	0.0000	0.0001	0.0003	0.0000	0.0000	0.0000	0.0002	0.0012
137	2035	ALT2	EB	AM	Ramp	0.77	1.02	16.45	4.45	7878	5770	0.0979	0.0903	0.0225	0.0008	0.0297	0.0653	0.0041	0.0026	0.0007	0.0696	0.3721
138	2035	ALT2	EB	AM	Ramp																	
139	2035	ALT2	EB	AM	Ramp	0.03	0.05	0.72	0.10	321	214	0.0026	0.0024	0.0010	0.0000	0.0005	0.0013	0.0002	0.0002	0.0000	0.0006	0.0048
140	2035	ALT2	EB	AM	Ramp	0.13	0.20	2.33	0.32	1197	797	0.0104	0.0097	0.0044	0.0002	0.0026	0.0066	0.0009	0.0008	0.0001	0.0019	0.0273

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
141	2035	ALT2	EB	AM	Ramp	0.01	0.01	0.32	0.04	114	76	0.0007	0.0007	0.0003	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0002	0.0010
142	2035	ALT2	EB	AM	Ramp	0.05	0.08	1.52	0.17	594	391	0.0040	0.0037	0.0017	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0007	0.0036
143	2035	ALT2	EB	AM	Ramp	0.03	0.04	0.98	0.11	348	230	0.0022	0.0020	0.0010	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0005	0.0024
144	2035	ALT2	EB	AM	HOV	0.06	0.09	2.16	0.23	725	471	0.0031	0.0029	0.0020	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0007
145	2035	ALT2	EB	AM	HOV	0.17	0.22	5.69	0.61	1913	1244	0.0083	0.0077	0.0054	0.0003	0.0011	0.0042	0.0012	0.0007	0.0001	0.0007	0.0017
146	2035	ALT2	EB	AM	HOV	0.01	0.01	0.25	0.03	83	54	0.0004	0.0003	0.0002	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
147	2035	ALT2	EB	AM	HOV	0.14	0.19	4.81	0.52	1618	1052	0.0070	0.0065	0.0046	0.0002	0.0009	0.0035	0.0010	0.0006	0.0001	0.0006	0.0015
148	2035	ALT2	EB	AM	HOV	0.05	0.07	1.75	0.19	589	383	0.0026	0.0024	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
149	2035	ALT2	EB	AM	HOV	0.08	0.11	2.89	0.31	970	631	0.0042	0.0039	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0004	0.0009
150	2035	ALT2	EB	AM	HOV	0.10	0.13	3.21	0.36	1116	725	0.0048	0.0044	0.0033	0.0002	0.0006	0.0025	0.0007	0.0004	0.0001	0.0004	0.0010
151	2035	ALT2	EB	AM	HOV	0.14	0.18	4.33	0.48	1506	979	0.0064	0.0060	0.0044	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0013
152	2035	ALT2	EB	AM	HOV	0.11	0.14	3.44	0.38	1195	777	0.0051	0.0047	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0005	0.0010
153	2035	ALT2	EB	AM	HOV	0.05	0.06	1.40	0.16	497	323	0.0021	0.0020	0.0015	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0004
154	2035	ALT2	EB	AM	HOV	0.09	0.12	2.68	0.30	951	618	0.0041	0.0038	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0004	0.0008
155	2035	ALT2	EB	AM	HOV	0.07	0.09	1.99	0.22	707	460	0.0030	0.0028	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0006
156	2035	ALT2	EB	AM	HOV	0.05	0.07	1.56	0.18	556	362	0.0024	0.0022	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
157	2035	ALT2	EB	AM	HOV	0.09	0.12	2.75	0.31	978	636	0.0042	0.0039	0.0029	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0008
158	2035	ALT2	EB	AM	HOV	0.10	0.14	3.17	0.36	1128	733	0.0048	0.0045	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0009
159	2035	ALT2	EB	AM	HOV	0.06	0.08	1.82	0.20	645	420	0.0028	0.0026	0.0019	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0003	0.0005
160	2035	ALT2	EB	AM	HOV	0.11	0.15	3.38	0.38	1203	782	0.0051	0.0048	0.0036	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0010
161	2035	ALT2	EB	AM	HOV	0.05	0.06	1.30	0.15	476	310	0.0020	0.0019	0.0015	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0004
162	2035	ALT2	EB	AM	HOV	0.03	0.04	0.93	0.11	342	222	0.0015	0.0014	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
163	2035	ALT2	EB	AM	HOV	0.08	0.10	2.21	0.25	810	526	0.0035	0.0032	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0006
164	2035	ALT2	EB	AM	HOV	0.01	0.01	0.22	0.03	81	53	0.0003	0.0003	0.0003	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
165	2035	ALT2	EB	AM	HOV	0.04	0.05	1.03	0.12	379	246	0.0016	0.0015	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0003
166	2035	ALT2	EB	AM	HOV	0.05	0.06	1.28	0.15	468	304	0.0020	0.0018	0.0015	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0004
167	2035	ALT2	EB	AM	HOV	0.03	0.04	0.90	0.10	331	215	0.0014	0.0013	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
168	2035	ALT2	EB	AM	HOV	0.02	0.03	0.59	0.07	215	140	0.0009	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0002
169	2035	ALT2	EB	AM	HOV	0.19	0.25	5.32	0.61	1953	1270	0.0083	0.0077	0.0061	0.0003	0.0012	0.0047	0.0014	0.0007	0.0001	0.0008	0.0016
170	2035	ALT2	EB	AM	HOV	0.14	0.18	3.85	0.44	1411	918	0.0060	0.0056	0.0044	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0011
171	2035	ALT2	EB	AM	HOV	0.05	0.07	1.23	0.14	479	311	0.0020	0.0019	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
172	2035	ALT2	EB	AM	HOV	0.03	0.04	0.72	0.08	280	182	0.0012	0.0011	0.0009	0.0001	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
173	2035	ALT2	EB	AM	HOV	0.05	0.07	1.27	0.15	497	323	0.0021	0.0020	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0004
174	2035	ALT2	EB	AM	HOV	0.04	0.05	0.90	0.10	352	229	0.0015	0.0014	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
175	2035	ALT2	EB	AM	HOV	0.04	0.06	1.08	0.13	421	274	0.0018	0.0017	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
176	2035	ALT2	EB	AM	HOV	0.04	0.05	0.94	0.11	368	239	0.0016	0.0015	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0003
177	2035	ALT2	EB	AM	HOV	0.05	0.07	1.28	0.15	501	325	0.0021	0.0020	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0004
178	2035	ALT2	EB	AM	HOV	0.03	0.03	0.62	0.07	243	158	0.0010	0.0010	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
179	2035	ALT2	EB	AM	HOV	0.03	0.04	0.75	0.09	291	189	0.0012	0.0012	0.0010	0.0001	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
180	2035	ALT2	EB	AM	HOV	0.04	0.05	1.01	0.12	392	255	0.0017	0.0016	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
181	2035	ALT2	EB	AM	HOV	0.07	0.10	2.70	0.28	884	575	0.0039	0.0036	0.0024	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0009
182	2035	ALT2	EB	AM	HOV	0.07	0.10	2.52	0.27	828	538	0.0037	0.0034	0.0023	0.0001	0.0004	0.0018	0.0005	0.0003	0.0000	0.0003	0.0008
183	2035	ALT2	EB	AM	HOV	0.05	0.07	1.83	0.19	601	391	0.0027	0.0025	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0006
184	2035	ALT2	EB	AM	HOV	0.02	0.02	0.63	0.07	208	135	0.0009	0.0009	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0002
185	2035	ALT2	EB	AM	HOV	0.06	0.08	2.09	0.22	687	446	0.0031	0.0028	0.0019	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0002	0.0007
186	2035	ALT2	EB	AM	HOV	0.02	0.03	0.83	0.09	271	176	0.0012	0.0011	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0003
187	2035	ALT2	EB	AM	HOV	0.04	0.05	1.31	0.14	429	279	0.0019	0.0018	0.0012	0.0001	0.0002	0.0009	0.0003	0.0002	0.0000	0.0001	0.0004
188	2035	ALT2	EB	AM	HOV	0.02	0.02	0.57	0.06	187	122	0.0008	0.0008	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0002

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
189	2035	ALT2	EB	AM	HOV	0.05	0.06	1.68	0.18	551	358	0.0025	0.0023	0.0015	0.0001	0.0003	0.0012	0.0003	0.0002	0.0000	0.0002	0.0005
190	2035	ALT2	EB	AM	HOV	0.00	0.00	0.09	0.01	29	19	0.0001	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
191	2035	ALT2	EB	AM	HOV	0.07	0.09	1.89	0.22	714	464	0.0030	0.0028	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
192	2035	ALT2	EB	AM	HOV	0.01	0.01	0.15	0.02	57	37	0.0002	0.0002	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
193	2035	ALT2	EB	AM	HOV	0.11	0.15	2.93	0.34	1110	722	0.0047	0.0044	0.0036	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0005	0.0009
194	2035	ALT2	EB	AM	HOV	0.01	0.02	0.34	0.04	129	84	0.0006	0.0005	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
195	2035	ALT2	EB	AM	HOV	0.02	0.02	0.40	0.05	153	99	0.0007	0.0006	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
196	2035	ALT2	EB	AM	HOV	0.01	0.02	0.34	0.04	128	83	0.0005	0.0005	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
197	2035	ALT2	EB	AM	HOV	0.07	0.10	1.97	0.23	744	484	0.0032	0.0029	0.0024	0.0001	0.0005	0.0018	0.0006	0.0003	0.0000	0.0003	0.0006
198	2035	ALT2	EB	AM	HOV	0.03	0.04	0.88	0.10	333	216	0.0014	0.0013	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
199	2035	ALT2	EB	AM	HOV	0.07	0.09	2.07	0.23	738	480	0.0031	0.0029	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0006
200	2035	ALT2	EB	AM	HOV	0.04	0.05	1.06	0.12	380	247	0.0016	0.0015	0.0011	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
201	2035	ALT2	EB	AM	HOV	0.13	0.18	4.05	0.46	1443	938	0.0062	0.0057	0.0043	0.0002	0.0009	0.0033	0.0010	0.0005	0.0001	0.0006	0.0012
202	2035	ALT2	EB	AM	HOV	0.03	0.04	0.94	0.11	335	218	0.0014	0.0013	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
203	2035	ALT2	EB	AM	HOV	0.14	0.19	4.31	0.49	1536	999	0.0066	0.0061	0.0046	0.0002	0.0009	0.0035	0.0011	0.0005	0.0001	0.0006	0.0013
204	2035	ALT2	EB	AM	HOV	0.03	0.04	0.93	0.11	331	215	0.0014	0.0013	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
205	2035	ALT2	EB	AM	HOV	0.07	0.09	2.08	0.23	738	480	0.0032	0.0029	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0006
206	2035	ALT2	EB	AM	HOV	0.03	0.04	0.94	0.11	333	216	0.0014	0.0013	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
207	2035	ALT2	EB	AM	HOV	0.11	0.15	3.42	0.38	1213	788	0.0052	0.0048	0.0036	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0010
208	2035	ALT2	EB	AM	HOV	0.03	0.05	1.05	0.12	374	243	0.0016	0.0015	0.0011	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
209	2035	ALT2	EB	AM	HOV	0.01	0.01	0.27	0.03	95	62	0.0004	0.0004	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
210	2035	ALT2	EB	AM	HOV	0.10	0.13	3.44	0.37	1148	747	0.0050	0.0046	0.0032	0.0002	0.0006	0.0025	0.0007	0.0004	0.0001	0.0004	0.0011
211	2035	ALT2	EB	AM	HOV	0.07	0.09	2.38	0.26	793	515	0.0035	0.0032	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0007
212	2035	ALT2	EB	AM	HOV	0.18	0.25	6.36	0.68	2121	1379	0.0093	0.0086	0.0060	0.0003	0.0012	0.0046	0.0014	0.0008	0.0001	0.0008	0.0020
213	2035	ALT2	EB	AM	HOV	0.11	0.14	3.66	0.39	1221	794	0.0053	0.0049	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0011
214	2035	ALT2	EB	AM	HOV																	
215	2035	ALT2	EB	AM	HOV																	
1	2035	ALT2	EB	MD	Mainline	0.98	1.25	22.54	6.09	10797	7883	0.1971	0.1816	0.0291	0.0012	0.0267	0.0621	0.0059	0.0027	0.0011	0.1687	0.3079
2	2035	ALT2	EB	MD	Mainline	2.48	3.13	54.72	15.51	27002	19815	0.5279	0.4862	0.0732	0.0031	0.0681	0.1579	0.0147	0.0067	0.0028	0.4583	0.7862
3	2035	ALT2	EB	MD	Mainline	0.13	0.16	2.87	0.73	1363	985	0.0240	0.0221	0.0038	0.0002	0.0031	0.0073	0.0008	0.0004	0.0001	0.0202	0.0343
4	2035	ALT2	EB	MD	Mainline	2.19	2.78	50.19	13.53	24038	17547	0.4387	0.4041	0.0648	0.0028	0.0594	0.1379	0.0131	0.0061	0.0024	0.3753	0.6831
5	2035	ALT2	EB	MD	Mainline	0.87	1.10	18.98	5.15	9279	6752	0.1760	0.1621	0.0258	0.0011	0.0219	0.0515	0.0053	0.0024	0.0010	0.1512	0.2460
6	2035	ALT2	EB	MD	Mainline	1.28	1.62	27.93	7.96	13867	10175	0.2747	0.2530	0.0378	0.0016	0.0348	0.0807	0.0076	0.0035	0.0015	0.2390	0.3999
7	2035	ALT2	EB	MD	Mainline	1.85	2.35	42.86	11.59	20480	14966	0.3723	0.3429	0.0548	0.0023	0.0512	0.1186	0.0110	0.0052	0.0020	0.3185	0.5923
8	2035	ALT2	EB	MD	Mainline	2.36	2.98	51.88	14.90	25747	18926	0.5102	0.4699	0.0697	0.0030	0.0657	0.1518	0.0140	0.0064	0.0027	0.4444	0.7598
9	2035	ALT2	EB	MD	Mainline	2.02	2.58	48.22	12.49	22479	16352	0.3859	0.3554	0.0600	0.0026	0.0551	0.1280	0.0121	0.0057	0.0022	0.3256	0.6356
10	2035	ALT2	EB	MD	Mainline	0.61	0.77	13.12	3.85	6595	4857	0.1346	0.1240	0.0179	0.0008	0.0169	0.0391	0.0036	0.0016	0.0007	0.1179	0.1957
11	2035	ALT2	EB	MD	Mainline	1.25	1.58	28.35	7.75	13690	10008	0.2547	0.2346	0.0370	0.0016	0.0340	0.0790	0.0074	0.0034	0.0014	0.2188	0.3921
12	2035	ALT2	EB	MD	Mainline	0.87	1.10	19.01	5.36	9395	6883	0.1840	0.1695	0.0257	0.0011	0.0233	0.0542	0.0052	0.0024	0.0010	0.1596	0.2671
13	2035	ALT2	EB	MD	Mainline	0.86	1.09	18.32	4.70	8899	6411	0.1626	0.1498	0.0258	0.0012	0.0193	0.0466	0.0054	0.0024	0.0009	0.1378	0.2089
14	2035	ALT2	EB	MD	Mainline	1.29	1.64	28.09	7.19	13560	9772	0.2450	0.2257	0.0388	0.0018	0.0296	0.0713	0.0081	0.0036	0.0014	0.2074	0.3223
15	2035	ALT2	EB	MD	Mainline	1.64	2.09	38.26	9.43	17775	12794	0.2971	0.2737	0.0492	0.0022	0.0395	0.0941	0.0101	0.0047	0.0017	0.2474	0.4381
16	2035	ALT2	EB	MD	Mainline	0.96	1.22	22.66	5.53	10431	7506	0.1712	0.1577	0.0287	0.0013	0.0232	0.0553	0.0059	0.0028	0.0010	0.1420	0.2589
17	2035	ALT2	EB	MD	Mainline	1.50	1.91	35.23	9.16	16570	12041	0.2895	0.2667	0.0447	0.0019	0.0398	0.0931	0.0091	0.0042	0.0016	0.2449	0.4555
18	2035	ALT2	EB	MD	Mainline	1.25	1.59	28.17	7.26	13437	9717	0.2394	0.2205	0.0375	0.0017	0.0305	0.0725	0.0077	0.0035	0.0013	0.2026	0.3396
19	2035	ALT2	EB	MD	Mainline	0.97	1.23	21.20	5.51	10255	7408	0.1874	0.1726	0.0291	0.0013	0.0228	0.0546	0.0060	0.0027	0.0010	0.1592	0.2503
20	2035	ALT2	EB	MD	Mainline	1.99	2.52	43.60	11.48	21126	15301	0.3897	0.3590	0.0594	0.0026	0.0480	0.1142	0.0122	0.0055	0.0021	0.3322	0.5328
21	2035	ALT2	EB	MD	Mainline	0.22	0.28	4.88	1.24	2352	1694	0.0423	0.0389	0.0067	0.0003	0.0051	0.0123	0.0014	0.0006	0.0002	0.0357	0.0555

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
22	2035	ALT2	EB	MD	Mainline	0.85	1.08	18.71	4.52	8851	6326	0.1498	0.1380	0.0257	0.0012	0.0181	0.0445	0.0054	0.0024	0.0008	0.1244	0.1928
23	2035	ALT2	EB	MD	Mainline	0.85	1.09	18.86	4.62	8940	6402	0.1529	0.1408	0.0258	0.0012	0.0186	0.0454	0.0054	0.0024	0.0009	0.1274	0.1997
24	2035	ALT2	EB	MD	Mainline	0.80	1.02	17.65	4.14	8284	5894	0.1357	0.1250	0.0243	0.0011	0.0164	0.0406	0.0051	0.0023	0.0008	0.1115	0.1715
25	2035	ALT2	EB	MD	Mainline	0.52	0.66	11.65	2.72	5403	3845	0.0868	0.0800	0.0156	0.0007	0.0108	0.0266	0.0033	0.0015	0.0005	0.0711	0.1138
26	2035	ALT2	EB	MD	Mainline	4.57	5.82	100.35	22.72	46711	33063	0.7364	0.6786	0.1391	0.0066	0.0887	0.2226	0.0296	0.0130	0.0043	0.5973	0.9067
27	2035	ALT2	EB	MD	Mainline	3.58	4.55	76.57	17.38	36051	25508	0.5783	0.5329	0.1092	0.0052	0.0680	0.1716	0.0233	0.0101	0.0034	0.4707	0.6876
28	2035	ALT2	EB	MD	Mainline	1.97	2.51	42.51	9.56	19898	14064	0.3143	0.2896	0.0601	0.0028	0.0372	0.0941	0.0128	0.0056	0.0018	0.2547	0.3760
29	2035	ALT2	EB	MD	Mainline	1.34	1.70	28.58	6.32	13364	9420	0.2078	0.1915	0.0408	0.0019	0.0244	0.0623	0.0088	0.0038	0.0012	0.1673	0.2430
30	2035	ALT2	EB	MD	Mainline	2.26	2.87	48.02	10.57	22473	15829	0.3483	0.3210	0.0690	0.0033	0.0408	0.1043	0.0148	0.0064	0.0020	0.2801	0.4036
31	2035	ALT2	EB	MD	Mainline	1.66	2.11	35.54	7.79	16583	11675	0.2552	0.2352	0.0508	0.0024	0.0300	0.0768	0.0109	0.0047	0.0015	0.2048	0.2969
32	2035	ALT2	EB	MD	Mainline	1.79	2.28	38.84	8.71	18125	12807	0.2844	0.2621	0.0546	0.0026	0.0339	0.0856	0.0117	0.0051	0.0017	0.2300	0.3422
33	2035	ALT2	EB	MD	Mainline	1.64	2.09	36.24	7.98	16715	11786	0.2543	0.2344	0.0501	0.0024	0.0308	0.0779	0.0107	0.0047	0.0015	0.2039	0.3098
34	2035	ALT2	EB	MD	Mainline	1.91	2.43	42.65	9.74	19769	14018	0.3120	0.2875	0.0580	0.0027	0.0382	0.0951	0.0123	0.0055	0.0018	0.2535	0.3951
35	2035	ALT2	EB	MD	Mainline	1.06	1.35	23.44	5.11	10794	7600	0.1626	0.1498	0.0325	0.0015	0.0196	0.0499	0.0070	0.0030	0.0010	0.1298	0.1962
36	2035	ALT2	EB	MD	Mainline	1.27	1.62	28.08	6.13	12932	9106	0.1948	0.1795	0.0389	0.0019	0.0235	0.0598	0.0083	0.0037	0.0012	0.1555	0.2351
37	2035	ALT2	EB	MD	Mainline	1.72	2.19	37.82	8.25	17417	12264	0.2623	0.2418	0.0524	0.0025	0.0317	0.0806	0.0112	0.0049	0.0016	0.2095	0.3167
38	2035	ALT2	EB	MD	Mainline	2.46	3.13	54.90	12.01	25162	17729	0.3775	0.3479	0.0750	0.0036	0.0461	0.1167	0.0160	0.0071	0.0022	0.3014	0.4647
39	2035	ALT2	EB	MD	Mainline	2.56	3.26	55.87	11.97	25698	18044	0.3802	0.3504	0.0782	0.0037	0.0456	0.1170	0.0168	0.0073	0.0023	0.3014	0.4484
40	2035	ALT2	EB	MD	Mainline	1.68	2.13	35.85	7.83	16716	11763	0.2562	0.2361	0.0513	0.0025	0.0302	0.0772	0.0110	0.0047	0.0015	0.2053	0.2974
41	2035	ALT2	EB	MD	Mainline	0.63	0.81	13.86	2.95	6370	4469	0.0936	0.0863	0.0194	0.0009	0.0112	0.0289	0.0042	0.0018	0.0006	0.0740	0.1099
42	2035	ALT2	EB	MD	Mainline	1.86	2.37	41.40	9.07	19025	13406	0.2867	0.2642	0.0569	0.0027	0.0348	0.0883	0.0122	0.0054	0.0017	0.2292	0.3506
43	2035	ALT2	EB	MD	Mainline	0.81	1.03	17.66	3.77	8131	5706	0.1201	0.1107	0.0248	0.0012	0.0144	0.0369	0.0053	0.0023	0.0007	0.0951	0.1405
44	2035	ALT2	EB	MD	Mainline	1.28	1.63	27.93	5.96	12857	9023	0.1899	0.1750	0.0393	0.0019	0.0227	0.0584	0.0085	0.0037	0.0011	0.1503	0.2222
45	2035	ALT2	EB	MD	Mainline	0.57	0.73	12.48	2.64	5722	4011	0.0834	0.0769	0.0175	0.0008	0.0100	0.0258	0.0038	0.0016	0.0005	0.0658	0.0977
46	2035	ALT2	EB	MD	Mainline	1.51	1.92	33.70	7.24	15371	10802	0.2254	0.2077	0.0461	0.0022	0.0275	0.0702	0.0099	0.0044	0.0013	0.1784	0.2739
47	2035	ALT2	EB	MD	Mainline	0.09	0.11	1.90	0.40	873	611	0.0126	0.0116	0.0027	0.0001	0.0015	0.0039	0.0006	0.0003	0.0001	0.0099	0.0146
48	2035	ALT2	EB	MD	Mainline	1.79	2.28	38.65	8.23	17830	12506	0.2634	0.2427	0.0547	0.0026	0.0313	0.0808	0.0118	0.0051	0.0016	0.2085	0.3053
49	2035	ALT2	EB	MD	Mainline	0.15	0.19	3.26	0.68	1482	1037	0.0211	0.0195	0.0045	0.0002	0.0026	0.0066	0.0010	0.0004	0.0001	0.0165	0.0249
50	2035	ALT2	EB	MD	Mainline	2.36	3.01	52.61	11.20	23974	16824	0.3482	0.3209	0.0722	0.0035	0.0424	0.1087	0.0155	0.0068	0.0021	0.2746	0.4190
51	2035	ALT2	EB	MD	Mainline	0.40	0.51	9.28	1.93	4140	2900	0.0574	0.0529	0.0122	0.0006	0.0072	0.0185	0.0026	0.0012	0.0003	0.0446	0.0719
52	2035	ALT2	EB	MD	Mainline	0.60	0.77	14.31	2.92	6279	4392	0.0841	0.0775	0.0184	0.0009	0.0109	0.0279	0.0039	0.0018	0.0005	0.0646	0.1088
53	2035	ALT2	EB	MD	Mainline	0.44	0.57	10.78	2.27	4736	3333	0.0657	0.0605	0.0135	0.0006	0.0088	0.0219	0.0029	0.0013	0.0004	0.0513	0.0905
54	2035	ALT2	EB	MD	Mainline	2.27	2.92	57.87	12.24	24926	17611	0.3400	0.3134	0.0689	0.0032	0.0487	0.1194	0.0144	0.0070	0.0021	0.2651	0.5211
55	2035	ALT2	EB	MD	Mainline	1.11	1.42	26.11	5.68	11705	8262	0.1706	0.1573	0.0338	0.0016	0.0220	0.0550	0.0072	0.0033	0.0010	0.1355	0.2282
56	2035	ALT2	EB	MD	Mainline	1.38	1.77	33.27	7.44	14872	10559	0.2213	0.2039	0.0418	0.0019	0.0297	0.0728	0.0088	0.0041	0.0013	0.1775	0.3182
57	2035	ALT2	EB	MD	Mainline	0.85	1.09	18.51	4.07	8594	6055	0.1316	0.1213	0.0261	0.0012	0.0157	0.0399	0.0056	0.0024	0.0008	0.1056	0.1565
58	2035	ALT2	EB	MD	Mainline	2.82	3.59	62.00	13.93	28788	20354	0.4494	0.4141	0.0859	0.0041	0.0542	0.1363	0.0183	0.0080	0.0026	0.3633	0.5514
59	2035	ALT2	EB	MD	Mainline	0.74	0.94	16.08	3.49	7439	5231	0.1121	0.1033	0.0227	0.0011	0.0134	0.0342	0.0049	0.0021	0.0007	0.0894	0.1320
60	2035	ALT2	EB	MD	Mainline	2.99	3.81	65.98	14.58	30473	21495	0.4657	0.4292	0.0913	0.0043	0.0563	0.1424	0.0195	0.0086	0.0027	0.3738	0.5671
61	2035	ALT2	EB	MD	Mainline	0.69	0.88	14.86	3.19	6869	4824	0.1025	0.0945	0.0210	0.0010	0.0122	0.0313	0.0045	0.0020	0.0006	0.0815	0.1194
62	2035	ALT2	EB	MD	Mainline	1.40	1.78	29.85	6.59	13981	9853	0.2177	0.2006	0.0429	0.0020	0.0255	0.0651	0.0092	0.0039	0.0013	0.1754	0.2529
63	2035	ALT2	EB	MD	Mainline	0.53	0.68	11.32	2.61	5365	3804	0.0879	0.0810	0.0162	0.0008	0.0103	0.0258	0.0035	0.0015	0.0005	0.0721	0.1049
64	2035	ALT2	EB	MD	Mainline	1.64	2.08	35.05	8.35	16681	11887	0.2819	0.2598	0.0496	0.0023	0.0333	0.0825	0.0105	0.0046	0.0016	0.2335	0.3472
65	2035	ALT2	EB	MD	Mainline	0.54	0.68	11.74	2.69	5496	3897	0.0883	0.0813	0.0164	0.0008	0.0106	0.0265	0.0035	0.0015	0.0005	0.0720	0.1088
66	2035	ALT2	EB	MD	Mainline	0.19	0.24	4.06	1.08	1989	1440	0.0374	0.0345	0.0057	0.0003	0.0045	0.0107	0.0012	0.0005	0.0002	0.0320	0.0493
67	2035	ALT2	EB	MD	Mainline	1.30	1.64	26.98	8.22	13945	10305	0.3033	0.2793	0.0384	0.0016	0.0359	0.0830	0.0077	0.0034	0.0016	0.2684	0.4133
68	2035	ALT2	EB	MD	Mainline	0.98	1.24	20.09	5.89	10308	7567	0.2192	0.2019	0.0291	0.0013	0.0253	0.0593	0.0059	0.0026	0.0012	0.1926	0.2855
69	2035	ALT2	EB	MD	Mainline	2.27	2.84	45.90	14.67	24274	18053	0.5570	0.5129	0.0665	0.0028	0.0647	0.1486	0.0133	0.0058	0.0029	0.4981	0.7525

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
70	2035	ALT2	EB	MD	Mainline	1.44	1.80	28.32	8.75	14963	11052	0.3416	0.3146	0.0425	0.0018	0.0378	0.0882	0.0086	0.0037	0.0018	0.3041	0.4291
71	2035	ALT2	EB	MD	Mainline	1.88	2.35	36.83	12.01	19809	14752	0.4728	0.4353	0.0551	0.0023	0.0527	0.1213	0.0110	0.0047	0.0024	0.4249	0.6099
72	2035	ALT2	EB	MD	Mainline	1.89	2.37	37.08	11.31	19529	14392	0.4417	0.4068	0.0559	0.0024	0.0485	0.1137	0.0114	0.0049	0.0023	0.3922	0.5478
73	2035	ALT2	EB	MD	Ramp	0.10	0.15	2.26	0.31	1029	689	0.0085	0.0078	0.0033	0.0002	0.0018	0.0047	0.0007	0.0006	0.0001	0.0022	0.0182
74	2035	ALT2	EB	MD	Ramp	0.07	0.09	1.19	0.21	588	404	0.0056	0.0052	0.0020	0.0001	0.0018	0.0043	0.0004	0.0003	0.0001	0.0021	0.0217
75	2035	ALT2	EB	MD	Ramp	0.14	0.20	2.35	0.29	1242	819	0.0107	0.0100	0.0046	0.0002	0.0021	0.0058	0.0010	0.0008	0.0001	0.0013	0.0201
76	2035	ALT2	EB	MD	Ramp	0.16	0.24	2.77	0.40	1434	960	0.0128	0.0118	0.0053	0.0002	0.0036	0.0089	0.0011	0.0009	0.0001	0.0027	0.0395
77	2035	ALT2	EB	MD	Ramp	0.12	0.17	2.29	0.35	1111	749	0.0098	0.0090	0.0038	0.0002	0.0027	0.0066	0.0008	0.0006	0.0001	0.0028	0.0300
78	2035	ALT2	EB	MD	Ramp	0.13	0.19	1.94	0.32	1050	710	0.0100	0.0092	0.0041	0.0002	0.0036	0.0086	0.0008	0.0007	0.0001	0.0026	0.0429
79	2035	ALT2	EB	MD	Ramp	0.18	0.26	2.69	0.43	1470	990	0.0138	0.0128	0.0058	0.0003	0.0047	0.0113	0.0012	0.0009	0.0001	0.0032	0.0551
80	2035	ALT2	EB	MD	Ramp	0.24	0.34	4.27	0.65	2120	1429	0.0189	0.0175	0.0075	0.0003	0.0055	0.0134	0.0015	0.0012	0.0002	0.0052	0.0617
81	2035	ALT2	EB	MD	Ramp	0.24	0.34	6.39	0.93	2650	1792	0.0216	0.0200	0.0078	0.0004	0.0043	0.0113	0.0016	0.0012	0.0002	0.0079	0.0441
82	2035	ALT2	EB	MD	Ramp	0.18	0.26	3.91	0.56	1799	1208	0.0151	0.0139	0.0059	0.0003	0.0034	0.0088	0.0012	0.0010	0.0002	0.0041	0.0356
83	2035	ALT2	EB	MD	Ramp	0.05	0.07	1.21	0.24	520	366	0.0052	0.0048	0.0015	0.0001	0.0014	0.0032	0.0003	0.0002	0.0000	0.0030	0.0161
84	2035	ALT2	EB	MD	Ramp	0.06	0.08	1.69	0.23	638	429	0.0047	0.0044	0.0018	0.0001	0.0009	0.0024	0.0004	0.0003	0.0000	0.0017	0.0087
85	2035	ALT2	EB	MD	Ramp	0.17	0.22	4.03	0.99	1799	1307	0.0215	0.0199	0.0050	0.0002	0.0061	0.0135	0.0009	0.0006	0.0001	0.0154	0.0750
86	2035	ALT2	EB	MD	Ramp	0.22	0.30	4.73	1.00	2225	1566	0.0232	0.0215	0.0067	0.0003	0.0062	0.0145	0.0013	0.0009	0.0002	0.0127	0.0737
87	2035	ALT2	EB	MD	Ramp	0.08	0.10	1.38	0.26	678	469	0.0066	0.0061	0.0023	0.0001	0.0022	0.0051	0.0005	0.0003	0.0001	0.0029	0.0263
88	2035	ALT2	EB	MD	Ramp	0.18	0.26	3.78	0.59	1764	1195	0.0155	0.0143	0.0058	0.0003	0.0039	0.0098	0.0012	0.0009	0.0002	0.0050	0.0435
89	2035	ALT2	EB	MD	Ramp	0.04	0.06	0.74	0.14	364	252	0.0036	0.0033	0.0012	0.0001	0.0012	0.0028	0.0002	0.0002	0.0000	0.0015	0.0143
90	2035	ALT2	EB	MD	Ramp	0.11	0.15	1.70	0.47	913	660	0.0108	0.0100	0.0033	0.0001	0.0048	0.0104	0.0006	0.0004	0.0001	0.0065	0.0611
91	2035	ALT2	EB	MD	Ramp	0.14	0.19	3.03	0.65	1403	993	0.0149	0.0138	0.0042	0.0002	0.0041	0.0094	0.0008	0.0006	0.0001	0.0086	0.0489
92	2035	ALT2	EB	MD	Ramp	0.21	0.29	2.85	0.55	1565	1076	0.0157	0.0145	0.0064	0.0002	0.0071	0.0160	0.0012	0.0009	0.0002	0.0053	0.0874
93	2035	ALT2	EB	MD	Ramp	1.04	1.34	22.21	6.67	10752	8029	0.1490	0.1373	0.0295	0.0010	0.0439	0.0948	0.0052	0.0030	0.0009	0.1168	0.5565
94	2035	ALT2	EB	MD	Ramp	0.48	0.66	10.92	2.31	4999	3529	0.0523	0.0483	0.0148	0.0006	0.0142	0.0328	0.0029	0.0020	0.0004	0.0298	0.1689
95	2035	ALT2	EB	MD	Ramp	0.24	0.34	3.72	0.75	1949	1352	0.0196	0.0182	0.0074	0.0003	0.0083	0.0187	0.0014	0.0010	0.0002	0.0080	0.1021
96	2035	ALT2	EB	MD	Ramp	0.10	0.13	3.04	0.48	1130	776	0.0095	0.0088	0.0030	0.0001	0.0020	0.0051	0.0006	0.0004	0.0001	0.0051	0.0218
97	2035	ALT2	EB	MD	Ramp	0.07	0.09	1.40	0.43	706	527	0.0096	0.0088	0.0020	0.0001	0.0030	0.0065	0.0004	0.0002	0.0001	0.0073	0.0383
98	2035	ALT2	EB	MD	Ramp	0.07	0.09	1.71	0.38	749	536	0.0083	0.0076	0.0021	0.0001	0.0023	0.0052	0.0004	0.0003	0.0001	0.0054	0.0279
99	2035	ALT2	EB	MD	Ramp	0.13	0.17	3.15	0.70	1362	976	0.0151	0.0139	0.0038	0.0001	0.0041	0.0093	0.0007	0.0005	0.0001	0.0101	0.0502
100	2035	ALT2	EB	MD	Ramp	0.14	0.19	3.86	0.69	1573	1094	0.0147	0.0136	0.0044	0.0002	0.0036	0.0086	0.0009	0.0006	0.0001	0.0081	0.0411
101	2035	ALT2	EB	MD	Ramp	0.07	0.09	1.82	0.39	759	544	0.0085	0.0079	0.0020	0.0001	0.0022	0.0049	0.0004	0.0002	0.0001	0.0059	0.0262
102	2035	ALT2	EB	MD	Ramp	0.05	0.07	1.44	0.25	573	398	0.0052	0.0048	0.0016	0.0001	0.0013	0.0030	0.0003	0.0002	0.0000	0.0029	0.0142
103	2035	ALT2	EB	MD	Ramp	0.03	0.04	0.95	0.14	353	241	0.0029	0.0026	0.0010	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0014	0.0063
104	2035	ALT2	EB	MD	Ramp	0.10	0.14	2.23	0.33	996	671	0.0083	0.0077	0.0031	0.0001	0.0018	0.0046	0.0007	0.0005	0.0001	0.0026	0.0181
105	2035	ALT2	EB	MD	Ramp	0.05	0.08	1.51	0.23	603	410	0.0050	0.0046	0.0017	0.0001	0.0011	0.0027	0.0004	0.0003	0.0000	0.0021	0.0112
106	2035	ALT2	EB	MD	Ramp	0.02	0.03	0.42	0.06	211	140	0.0018	0.0017	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0003	0.0044
107	2035	ALT2	EB	MD	Ramp	0.12	0.17	2.82	0.52	1258	872	0.0120	0.0111	0.0037	0.0002	0.0029	0.0071	0.0008	0.0006	0.0001	0.0059	0.0335
108	2035	ALT2	EB	MD	Ramp	0.13	0.19	2.87	0.37	1322	880	0.0107	0.0099	0.0043	0.0002	0.0021	0.0058	0.0009	0.0007	0.0001	0.0023	0.0211
109	2035	ALT2	EB	MD	Ramp	0.09	0.12	2.38	0.41	980	677	0.0089	0.0082	0.0028	0.0001	0.0021	0.0051	0.0006	0.0004	0.0001	0.0045	0.0239
110	2035	ALT2	EB	MD	Ramp	0.13	0.18	2.99	0.44	1332	899	0.0112	0.0104	0.0042	0.0002	0.0024	0.0062	0.0009	0.0007	0.0001	0.0036	0.0246
111	2035	ALT2	EB	MD	Ramp	0.04	0.06	1.30	0.21	497	343	0.0043	0.0040	0.0014	0.0001	0.0010	0.0024	0.0003	0.0002	0.0000	0.0023	0.0105
112	2035	ALT2	EB	MD	Ramp	0.17	0.24	3.71	0.56	1691	1144	0.0146	0.0135	0.0054	0.0003	0.0034	0.0086	0.0011	0.0009	0.0001	0.0048	0.0367
113	2035	ALT2	EB	MD	Ramp	0.10	0.15	2.60	0.37	1100	742	0.0089	0.0083	0.0033	0.0002	0.0017	0.0045	0.0007	0.0005	0.0001	0.0030	0.0169
114	2035	ALT2	EB	MD	Ramp	0.12	0.17	2.59	0.34	1178	784	0.0095	0.0088	0.0038	0.0002	0.0019	0.0051	0.0008	0.0007	0.0001	0.0021	0.0181
115	2035	ALT2	EB	MD	Ramp																	
116	2035	ALT2	EB	MD	Ramp	0.04	0.06	0.96	0.12	415	276	0.0032	0.0030	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0007	0.0048
117	2035	ALT2	EB	MD	Ramp	0.07	0.10	1.71	0.29	731	502	0.0066	0.0061	0.0021	0.0001	0.0015	0.0037	0.0004	0.0003	0.0001	0.0030	0.0168

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
118	2035	ALT2	EB	MD	Ramp	0.05	0.08	1.35	0.17	578	384	0.0044	0.0041	0.0018	0.0001	0.0007	0.0020	0.0004	0.0003	0.0000	0.0010	0.0062
119	2035	ALT2	EB	MD	Ramp	0.09	0.12	2.40	0.35	965	653	0.0077	0.0072	0.0028	0.0001	0.0016	0.0041	0.0006	0.0004	0.0001	0.0029	0.0161
120	2035	ALT2	EB	MD	Ramp	0.07	0.10	1.71	0.21	731	484	0.0055	0.0051	0.0022	0.0001	0.0008	0.0025	0.0005	0.0004	0.0001	0.0011	0.0071
121	2035	ALT2	EB	MD	Ramp	0.10	0.14	3.05	0.53	1175	817	0.0109	0.0101	0.0032	0.0001	0.0025	0.0060	0.0006	0.0004	0.0001	0.0065	0.0282
122	2035	ALT2	EB	MD	Ramp	1.31	1.80	34.32	6.14	14265	9909	0.1330	0.1228	0.0405	0.0018	0.0327	0.0782	0.0082	0.0056	0.0011	0.0702	0.3734
123	2035	ALT2	EB	MD	Ramp	0.94	1.29	25.74	4.50	10427	7231	0.0955	0.0882	0.0292	0.0013	0.0229	0.0552	0.0059	0.0040	0.0008	0.0508	0.2603
124	2035	ALT2	EB	MD	Ramp	0.16	0.25	2.03	0.28	1315	868	0.0132	0.0123	0.0054	0.0003	0.0031	0.0082	0.0011	0.0010	0.0002	0.0014	0.0336
125	2035	ALT2	EB	MD	Ramp	0.16	0.23	3.02	0.49	1477	1003	0.0134	0.0124	0.0051	0.0002	0.0040	0.0097	0.0010	0.0008	0.0001	0.0043	0.0464
126	2035	ALT2	EB	MD	Ramp	0.06	0.08	1.14	0.17	548	370	0.0048	0.0044	0.0019	0.0001	0.0013	0.0032	0.0004	0.0003	0.0000	0.0014	0.0140
127	2035	ALT2	EB	MD	Ramp	0.34	0.49	4.59	0.74	2632	1768	0.0254	0.0235	0.0107	0.0005	0.0089	0.0213	0.0021	0.0018	0.0003	0.0053	0.1043
128	2035	ALT2	EB	MD	Ramp	0.02	0.04	0.59	0.06	262	171	0.0019	0.0018	0.0008	0.0000	0.0002	0.0008	0.0002	0.0002	0.0000	0.0002	0.0015
129	2035	ALT2	EB	MD	Ramp	0.23	0.32	4.47	0.78	2141	1469	0.0200	0.0185	0.0072	0.0003	0.0060	0.0142	0.0014	0.0011	0.0002	0.0078	0.0692
130	2035	ALT2	EB	MD	Ramp	0.08	0.11	2.42	0.33	905	608	0.0066	0.0061	0.0025	0.0001	0.0012	0.0034	0.0005	0.0004	0.0001	0.0024	0.0120
131	2035	ALT2	EB	MD	Ramp	0.22	0.31	5.35	0.91	2350	1613	0.0213	0.0197	0.0070	0.0003	0.0048	0.0120	0.0014	0.0011	0.0002	0.0093	0.0535
132	2035	ALT2	EB	MD	Ramp	0.08	0.12	2.58	0.31	951	632	0.0064	0.0059	0.0027	0.0001	0.0010	0.0030	0.0006	0.0004	0.0001	0.0017	0.0086
133	2035	ALT2	EB	MD	Ramp	0.22	0.31	5.45	0.78	2335	1573	0.0191	0.0177	0.0070	0.0003	0.0036	0.0097	0.0015	0.0011	0.0002	0.0063	0.0362
134	2035	ALT2	EB	MD	Ramp	0.41	0.57	12.11	1.86	4664	3187	0.0384	0.0355	0.0129	0.0006	0.0083	0.0210	0.0027	0.0018	0.0003	0.0179	0.0893
135	2035	ALT2	EB	MD	Ramp	0.21	0.29	4.58	0.81	2103	1447	0.0197	0.0182	0.0065	0.0003	0.0049	0.0118	0.0013	0.0010	0.0002	0.0086	0.0548
136	2035	ALT2	EB	MD	Ramp	0.04	0.05	0.83	0.10	377	250	0.0030	0.0027	0.0012	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0005	0.0047
137	2035	ALT2	EB	MD	Ramp	1.61	2.08	29.26	10.40	15697	11925	0.2305	0.2124	0.0450	0.0014	0.0757	0.1614	0.0076	0.0044	0.0014	0.1835	0.9757
138	2035	ALT2	EB	MD	Ramp	0.16	0.23	1.98	0.31	1211	809	0.0121	0.0112	0.0051	0.0002	0.0041	0.0098	0.0010	0.0009	0.0001	0.0020	0.0471
139	2035	ALT2	EB	MD	Ramp	0.08	0.12	1.82	0.25	824	551	0.0067	0.0062	0.0027	0.0001	0.0014	0.0037	0.0006	0.0004	0.0001	0.0017	0.0139
140	2035	ALT2	EB	MD	Ramp	0.25	0.37	4.45	0.65	2256	1512	0.0199	0.0185	0.0082	0.0004	0.0055	0.0137	0.0017	0.0014	0.0002	0.0046	0.0610
141	2035	ALT2	EB	MD	Ramp	0.03	0.04	0.99	0.12	360	239	0.0024	0.0023	0.0010	0.0000	0.0004	0.0012	0.0002	0.0002	0.0000	0.0007	0.0036
142	2035	ALT2	EB	MD	Ramp	0.10	0.15	3.04	0.34	1194	787	0.0081	0.0075	0.0035	0.0002	0.0011	0.0035	0.0008	0.0006	0.0001	0.0014	0.0077
143	2035	ALT2	EB	MD	Ramp	0.08	0.11	2.57	0.29	911	599	0.0055	0.0051	0.0025	0.0001	0.0008	0.0025	0.0006	0.0004	0.0001	0.0011	0.0052
144	2035	ALT2	EB	MD	HOV	0.17	0.24	6.51	0.66	2111	1372	0.0099	0.0092	0.0057	0.0003	0.0011	0.0044	0.0013	0.0008	0.0001	0.0007	0.0022
145	2035	ALT2	EB	MD	HOV	0.46	0.64	17.18	1.74	5573	3622	0.0261	0.0242	0.0151	0.0008	0.0029	0.0115	0.0034	0.0021	0.0003	0.0018	0.0057
146	2035	ALT2	EB	MD	HOV	0.02	0.03	0.74	0.08	241	157	0.0011	0.0010	0.0007	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0002
147	2035	ALT2	EB	MD	HOV	0.39	0.54	14.52	1.47	4712	3063	0.0220	0.0204	0.0127	0.0007	0.0025	0.0098	0.0029	0.0018	0.0003	0.0015	0.0049
148	2035	ALT2	EB	MD	HOV	0.14	0.20	5.28	0.53	1713	1114	0.0080	0.0074	0.0046	0.0002	0.0009	0.0035	0.0011	0.0007	0.0001	0.0006	0.0018
149	2035	ALT2	EB	MD	HOV	0.23	0.32	8.71	0.88	2825	1836	0.0132	0.0123	0.0076	0.0004	0.0015	0.0058	0.0017	0.0011	0.0002	0.0009	0.0029
150	2035	ALT2	EB	MD	HOV	0.25	0.34	8.73	0.93	2895	1882	0.0127	0.0118	0.0081	0.0004	0.0016	0.0062	0.0018	0.0010	0.0001	0.0010	0.0027
151	2035	ALT2	EB	MD	HOV	0.33	0.45	11.79	1.26	3908	2541	0.0171	0.0159	0.0109	0.0006	0.0021	0.0084	0.0025	0.0014	0.0002	0.0014	0.0037
152	2035	ALT2	EB	MD	HOV	0.27	0.36	9.35	1.00	3100	2015	0.0136	0.0126	0.0086	0.0005	0.0017	0.0066	0.0020	0.0011	0.0002	0.0011	0.0029
153	2035	ALT2	EB	MD	HOV	0.09	0.11	2.53	0.29	914	595	0.0039	0.0036	0.0028	0.0002	0.0006	0.0021	0.0006	0.0003	0.0000	0.0004	0.0007
154	2035	ALT2	EB	MD	HOV	0.17	0.22	4.84	0.55	1749	1137	0.0075	0.0069	0.0053	0.0003	0.0011	0.0041	0.0012	0.0006	0.0001	0.0007	0.0014
155	2035	ALT2	EB	MD	HOV	0.12	0.16	3.59	0.41	1300	845	0.0055	0.0051	0.0040	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0011
156	2035	ALT2	EB	MD	HOV	0.10	0.13	2.83	0.32	1023	665	0.0044	0.0040	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0001	0.0004	0.0008
157	2035	ALT2	EB	MD	HOV	0.17	0.23	4.98	0.57	1800	1170	0.0077	0.0071	0.0055	0.0003	0.0011	0.0042	0.0013	0.0006	0.0001	0.0007	0.0015
158	2035	ALT2	EB	MD	HOV	0.20	0.26	5.73	0.66	2073	1348	0.0088	0.0082	0.0063	0.0003	0.0012	0.0049	0.0015	0.0007	0.0001	0.0008	0.0017
159	2035	ALT2	EB	MD	HOV	0.11	0.15	3.28	0.38	1186	771	0.0051	0.0047	0.0036	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0010
160	2035	ALT2	EB	MD	HOV	0.21	0.28	6.12	0.70	2211	1438	0.0094	0.0087	0.0068	0.0004	0.0013	0.0052	0.0015	0.0008	0.0001	0.0009	0.0018
161	2035	ALT2	EB	MD	HOV	0.08	0.10	2.02	0.23	762	495	0.0033	0.0030	0.0024	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0006
162	2035	ALT2	EB	MD	HOV	0.05	0.07	1.45	0.17	547	356	0.0023	0.0022	0.0018	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0004
163	2035	ALT2	EB	MD	HOV	0.13	0.17	3.43	0.40	1295	842	0.0055	0.0051	0.0042	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0010
164	2035	ALT2	EB	MD	HOV	0.01	0.02	0.34	0.04	129	84	0.0006	0.0005	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
165	2035	ALT2	EB	MD	HOV	0.06	0.08	1.61	0.19	606	394	0.0026	0.0024	0.0019	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0002	0.0005

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
166	2035	ALT2	EB	MD	HOV	0.07	0.10	1.99	0.23	749	487	0.0032	0.0030	0.0024	0.0001	0.0005	0.0018	0.0006	0.0003	0.0000	0.0003	0.0006
167	2035	ALT2	EB	MD	HOV	0.05	0.07	1.40	0.16	529	344	0.0023	0.0021	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0004
168	2035	ALT2	EB	MD	HOV	0.03	0.04	0.91	0.11	343	223	0.0015	0.0014	0.0011	0.0001	0.0002	0.0008	0.0003	0.0001	0.0000	0.0001	0.0003
169	2035	ALT2	EB	MD	HOV	0.31	0.41	8.29	0.96	3123	2030	0.0133	0.0124	0.0100	0.0005	0.0020	0.0077	0.0023	0.0011	0.0002	0.0013	0.0024
170	2035	ALT2	EB	MD	HOV	0.23	0.30	5.99	0.69	2256	1467	0.0096	0.0089	0.0073	0.0004	0.0014	0.0056	0.0017	0.0008	0.0001	0.0009	0.0017
171	2035	ALT2	EB	MD	HOV	0.14	0.19	3.74	0.44	1418	922	0.0061	0.0056	0.0046	0.0002	0.0009	0.0035	0.0011	0.0005	0.0001	0.0006	0.0011
172	2035	ALT2	EB	MD	HOV	0.08	0.11	2.19	0.25	830	540	0.0035	0.0033	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0006
173	2035	ALT2	EB	MD	HOV	0.15	0.19	3.89	0.45	1474	958	0.0063	0.0058	0.0048	0.0003	0.0009	0.0037	0.0011	0.0005	0.0001	0.0006	0.0011
174	2035	ALT2	EB	MD	HOV	0.11	0.14	2.76	0.32	1043	678	0.0045	0.0041	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0008
175	2035	ALT2	EB	MD	HOV	0.13	0.16	3.29	0.38	1247	811	0.0053	0.0049	0.0040	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0010
176	2035	ALT2	EB	MD	HOV	0.11	0.14	2.88	0.33	1091	709	0.0047	0.0043	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0008
177	2035	ALT2	EB	MD	HOV	0.15	0.20	3.92	0.46	1483	964	0.0063	0.0059	0.0048	0.0003	0.0009	0.0037	0.0011	0.0005	0.0001	0.0006	0.0011
178	2035	ALT2	EB	MD	HOV	0.07	0.09	1.90	0.22	720	468	0.0031	0.0028	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0006
179	2035	ALT2	EB	MD	HOV	0.09	0.11	2.28	0.26	862	561	0.0037	0.0034	0.0028	0.0002	0.0006	0.0021	0.0006	0.0003	0.0000	0.0004	0.0007
180	2035	ALT2	EB	MD	HOV	0.12	0.15	3.07	0.36	1162	755	0.0050	0.0046	0.0038	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0009
181	2035	ALT2	EB	MD	HOV	0.18	0.25	6.56	0.69	2145	1395	0.0096	0.0089	0.0059	0.0003	0.0012	0.0045	0.0013	0.0008	0.0001	0.0007	0.0021
182	2035	ALT2	EB	MD	HOV	0.17	0.23	6.15	0.64	2010	1307	0.0090	0.0084	0.0055	0.0003	0.0011	0.0042	0.0013	0.0007	0.0001	0.0007	0.0020
183	2035	ALT2	EB	MD	HOV	0.12	0.17	4.46	0.47	1458	948	0.0065	0.0061	0.0040	0.0002	0.0008	0.0031	0.0009	0.0005	0.0001	0.0005	0.0014
184	2035	ALT2	EB	MD	HOV	0.04	0.06	1.54	0.16	505	328	0.0023	0.0021	0.0014	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0005
185	2035	ALT2	EB	MD	HOV	0.14	0.19	5.10	0.53	1667	1084	0.0075	0.0069	0.0046	0.0002	0.0009	0.0035	0.0010	0.0006	0.0001	0.0006	0.0016
186	2035	ALT2	EB	MD	HOV	0.06	0.08	2.01	0.21	658	428	0.0030	0.0027	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0006
187	2035	ALT2	EB	MD	HOV	0.09	0.12	3.19	0.33	1041	677	0.0047	0.0043	0.0029	0.0002	0.0006	0.0022	0.0007	0.0004	0.0001	0.0004	0.0010
188	2035	ALT2	EB	MD	HOV	0.04	0.05	1.39	0.15	454	295	0.0020	0.0019	0.0012	0.0001	0.0002	0.0010	0.0003	0.0002	0.0000	0.0002	0.0004
189	2035	ALT2	EB	MD	HOV	0.11	0.15	4.09	0.43	1338	870	0.0060	0.0056	0.0037	0.0002	0.0007	0.0028	0.0008	0.0005	0.0001	0.0005	0.0013
190	2035	ALT2	EB	MD	HOV	0.01	0.01	0.22	0.02	71	46	0.0003	0.0003	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
191	2035	ALT2	EB	MD	HOV	0.18	0.23	4.94	0.57	1817	1181	0.0077	0.0072	0.0057	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0014
192	2035	ALT2	EB	MD	HOV	0.01	0.02	0.39	0.05	145	94	0.0006	0.0006	0.0005	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
193	2035	ALT2	EB	MD	HOV	0.27	0.36	7.68	0.88	2825	1837	0.0120	0.0112	0.0088	0.0005	0.0017	0.0068	0.0020	0.0010	0.0001	0.0011	0.0023
194	2035	ALT2	EB	MD	HOV	0.03	0.04	0.89	0.10	328	214	0.0014	0.0013	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
195	2035	ALT2	EB	MD	HOV	0.04	0.05	1.05	0.12	388	252	0.0017	0.0015	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0003
196	2035	ALT2	EB	MD	HOV	0.03	0.04	0.89	0.10	326	212	0.0014	0.0013	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
197	2035	ALT2	EB	MD	HOV	0.18	0.24	5.15	0.59	1894	1231	0.0081	0.0075	0.0059	0.0003	0.0012	0.0045	0.0014	0.0006	0.0001	0.0008	0.0015
198	2035	ALT2	EB	MD	HOV	0.08	0.11	2.30	0.26	847	551	0.0036	0.0033	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0007
199	2035	ALT2	EB	MD	HOV	0.17	0.22	5.54	0.60	1885	1225	0.0081	0.0075	0.0054	0.0003	0.0011	0.0041	0.0012	0.0007	0.0001	0.0007	0.0017
200	2035	ALT2	EB	MD	HOV	0.09	0.12	2.85	0.31	970	631	0.0042	0.0039	0.0028	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0004	0.0009
201	2035	ALT2	EB	MD	HOV	0.33	0.44	10.83	1.18	3687	2397	0.0158	0.0147	0.0106	0.0006	0.0021	0.0081	0.0024	0.0013	0.0002	0.0014	0.0033
202	2035	ALT2	EB	MD	HOV	0.08	0.10	2.52	0.27	856	557	0.0037	0.0034	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0008
203	2035	ALT2	EB	MD	HOV	0.35	0.47	11.54	1.26	3925	2552	0.0169	0.0156	0.0113	0.0006	0.0022	0.0086	0.0026	0.0014	0.0002	0.0015	0.0035
204	2035	ALT2	EB	MD	HOV	0.07	0.10	2.46	0.27	835	543	0.0036	0.0033	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0007
205	2035	ALT2	EB	MD	HOV	0.16	0.22	5.49	0.60	1862	1210	0.0080	0.0074	0.0053	0.0003	0.0010	0.0041	0.0012	0.0006	0.0001	0.0007	0.0017
206	2035	ALT2	EB	MD	HOV	0.07	0.10	2.48	0.27	840	546	0.0036	0.0034	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0007
207	2035	ALT2	EB	MD	HOV	0.27	0.36	9.01	0.98	3059	1989	0.0132	0.0122	0.0087	0.0005	0.0017	0.0067	0.0020	0.0011	0.0002	0.0011	0.0027
208	2035	ALT2	EB	MD	HOV	0.08	0.11	2.78	0.30	943	613	0.0041	0.0038	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0008
209	2035	ALT2	EB	MD	HOV	0.02	0.03	0.71	0.08	241	157	0.0010	0.0010	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0002
210	2035	ALT2	EB	MD	HOV	0.26	0.36	9.66	0.98	3126	2032	0.0144	0.0134	0.0085	0.0005	0.0016	0.0065	0.0019	0.0012	0.0002	0.0010	0.0032
211	2035	ALT2	EB	MD	HOV	0.18	0.25	6.67	0.68	2157	1402	0.0099	0.0092	0.0058	0.0003	0.0011	0.0045	0.0013	0.0008	0.0001	0.0007	0.0022
212	2035	ALT2	EB	MD	HOV	0.47	0.66	17.85	1.82	5775	3754	0.0266	0.0247	0.0156	0.0008	0.0030	0.0120	0.0036	0.0022	0.0003	0.0019	0.0059
213	2035	ALT2	EB	MD	HOV	0.27	0.38	10.27	1.04	3323	2160	0.0153	0.0142	0.0090	0.0005	0.0017	0.0069	0.0020	0.0013	0.0002	0.0011	0.0034

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
214	2035	ALT2	EB	MD	HOV																	
215	2035	ALT2	EB	MD	HOV																	
1	2035	ALT2	EB	PM	Mainline	1.13	1.38	19.61	10.03	12929	10284	0.4376	0.4028	0.0311	0.0010	0.0484	0.1038	0.0055	0.0024	0.0020	0.4166	0.6114
2	2035	ALT2	EB	PM	Mainline	2.90	3.54	49.84	26.35	33437	26715	1.1594	1.0671	0.0797	0.0026	0.1274	0.2727	0.0140	0.0061	0.0054	1.1067	1.6166
3	2035	ALT2	EB	PM	Mainline	0.14	0.17	2.43	1.16	1546	1216	0.0504	0.0464	0.0038	0.0001	0.0055	0.0119	0.0007	0.0003	0.0002	0.0477	0.0683
4	2035	ALT2	EB	PM	Mainline	2.44	2.98	41.90	22.22	28156	22506	0.9788	0.9008	0.0670	0.0022	0.1075	0.2299	0.0118	0.0051	0.0046	0.9345	1.3640
5	2035	ALT2	EB	PM	Mainline	0.94	1.15	16.24	8.25	10679	8479	0.3650	0.3359	0.0259	0.0009	0.0393	0.0846	0.0046	0.0020	0.0017	0.3473	0.4949
6	2035	ALT2	EB	PM	Mainline	1.43	1.75	24.17	13.41	16642	13381	0.6012	0.5533	0.0392	0.0012	0.0649	0.1382	0.0068	0.0029	0.0028	0.5763	0.8264
7	2035	ALT2	EB	PM	Mainline	2.10	2.57	36.48	18.86	24187	19267	0.8246	0.7589	0.0580	0.0019	0.0911	0.1953	0.0102	0.0044	0.0039	0.7855	1.1527
8	2035	ALT2	EB	PM	Mainline	2.63	3.19	43.76	25.14	30691	24802	1.1279	1.0380	0.0713	0.0022	0.1226	0.2601	0.0122	0.0053	0.0052	1.0838	1.5687
9	2035	ALT2	EB	PM	Mainline	2.24	2.74	38.88	19.99	25706	20461	0.8734	0.8039	0.0618	0.0020	0.0964	0.2069	0.0109	0.0047	0.0041	0.8317	1.2194
10	2035	ALT2	EB	PM	Mainline	0.67	0.81	10.95	6.68	7934	6464	0.3034	0.2792	0.0181	0.0005	0.0327	0.0691	0.0030	0.0013	0.0014	0.2928	0.4212
11	2035	ALT2	EB	PM	Mainline	1.35	1.65	22.72	12.81	15774	12716	0.5725	0.5269	0.0368	0.0011	0.0624	0.1326	0.0063	0.0027	0.0026	0.5494	0.7966
12	2035	ALT2	EB	PM	Mainline	0.96	1.16	15.92	9.23	11220	9078	0.4157	0.3826	0.0260	0.0008	0.0450	0.0954	0.0044	0.0019	0.0019	0.3998	0.5760
13	2035	ALT2	EB	PM	Mainline	0.84	1.03	14.41	7.40	9539	7581	0.3331	0.3066	0.0232	0.0008	0.0350	0.0754	0.0042	0.0018	0.0016	0.3174	0.4401
14	2035	ALT2	EB	PM	Mainline	1.30	1.58	21.49	12.51	15178	12277	0.5731	0.5274	0.0353	0.0011	0.0602	0.1279	0.0061	0.0026	0.0026	0.5514	0.7698
15	2035	ALT2	EB	PM	Mainline	1.70	2.08	29.33	15.17	19462	15495	0.6703	0.6170	0.0469	0.0015	0.0727	0.1561	0.0083	0.0036	0.0031	0.6388	0.9184
16	2035	ALT2	EB	PM	Mainline	1.00	1.22	17.36	8.76	11373	9024	0.3844	0.3538	0.0276	0.0009	0.0419	0.0901	0.0049	0.0021	0.0018	0.3655	0.5273
17	2035	ALT2	EB	PM	Mainline	1.66	2.03	28.10	15.63	19363	15584	0.6920	0.6368	0.0453	0.0014	0.0763	0.1623	0.0078	0.0034	0.0032	0.6632	0.9743
18	2035	ALT2	EB	PM	Mainline	1.30	1.58	21.99	11.98	14992	12023	0.5361	0.4934	0.0355	0.0011	0.0577	0.1233	0.0062	0.0027	0.0025	0.5131	0.7335
19	2035	ALT2	EB	PM	Mainline	0.97	1.18	16.48	8.83	11139	8908	0.3971	0.3655	0.0266	0.0009	0.0422	0.0903	0.0047	0.0020	0.0018	0.3796	0.5341
20	2035	ALT2	EB	PM	Mainline	2.12	2.59	35.79	19.86	24638	19807	0.8933	0.8221	0.0581	0.0018	0.0958	0.2042	0.0101	0.0044	0.0041	0.8563	1.2195
21	2035	ALT2	EB	PM	Mainline	0.23	0.28	3.96	2.06	2633	2097	0.0919	0.0846	0.0064	0.0002	0.0098	0.0210	0.0011	0.0005	0.0004	0.0877	0.1234
22	2035	ALT2	EB	PM	Mainline	0.71	0.89	13.35	5.06	7672	5836	0.2117	0.1949	0.0206	0.0008	0.0228	0.0513	0.0040	0.0017	0.0010	0.1951	0.2726
23	2035	ALT2	EB	PM	Mainline	0.74	0.92	13.82	5.42	8053	6158	0.2280	0.2099	0.0213	0.0008	0.0247	0.0551	0.0041	0.0018	0.0011	0.2110	0.2970
24	2035	ALT2	EB	PM	Mainline	0.64	0.80	12.27	4.34	6837	5149	0.1768	0.1628	0.0187	0.0008	0.0193	0.0439	0.0037	0.0016	0.0009	0.1612	0.2276
25	2035	ALT2	EB	PM	Mainline	0.43	0.53	8.18	2.86	4542	3415	0.1166	0.1073	0.0125	0.0005	0.0127	0.0289	0.0025	0.0011	0.0006	0.1061	0.1489
26	2035	ALT2	EB	PM	Mainline	3.74	4.67	71.57	24.31	39355	29453	0.9902	0.9117	0.1095	0.0046	0.1068	0.2452	0.0219	0.0093	0.0050	0.8973	1.2417
27	2035	ALT2	EB	PM	Mainline	2.80	3.50	53.37	18.19	29428	22028	0.7454	0.6864	0.0821	0.0034	0.0798	0.1833	0.0164	0.0070	0.0038	0.6761	0.9272
28	2035	ALT2	EB	PM	Mainline	1.52	1.89	28.53	10.31	16098	12153	0.4291	0.3951	0.0441	0.0018	0.0458	0.1040	0.0087	0.0037	0.0021	0.3927	0.5400
29	2035	ALT2	EB	PM	Mainline	1.00	1.25	18.94	6.53	10491	7866	0.2687	0.2474	0.0292	0.0012	0.0287	0.0658	0.0058	0.0025	0.0014	0.2442	0.3341
30	2035	ALT2	EB	PM	Mainline	1.72	2.15	32.71	11.27	18123	13586	0.4642	0.4274	0.0504	0.0021	0.0495	0.1136	0.0101	0.0043	0.0023	0.4218	0.5767
31	2035	ALT2	EB	PM	Mainline	1.26	1.57	23.99	8.19	13241	9913	0.3362	0.3095	0.0369	0.0015	0.0359	0.0825	0.0074	0.0031	0.0017	0.3050	0.4174
32	2035	ALT2	EB	PM	Mainline	1.39	1.74	26.28	9.42	14777	11144	0.3908	0.3598	0.0405	0.0017	0.0418	0.0950	0.0080	0.0034	0.0020	0.3572	0.4919
33	2035	ALT2	EB	PM	Mainline	1.28	1.60	24.39	8.46	13523	10152	0.3466	0.3191	0.0374	0.0015	0.0374	0.0854	0.0074	0.0032	0.0017	0.3152	0.4368
34	2035	ALT2	EB	PM	Mainline	1.53	1.90	28.75	10.71	16403	12445	0.4462	0.4108	0.0443	0.0018	0.0481	0.1084	0.0087	0.0037	0.0022	0.4101	0.5725
35	2035	ALT2	EB	PM	Mainline	0.81	1.01	15.35	5.38	8548	6426	0.2212	0.2036	0.0236	0.0010	0.0238	0.0543	0.0047	0.0020	0.0011	0.2014	0.2786
36	2035	ALT2	EB	PM	Mainline	0.97	1.21	18.40	6.44	10242	7699	0.2650	0.2440	0.0283	0.0012	0.0285	0.0650	0.0056	0.0024	0.0013	0.2413	0.3338
37	2035	ALT2	EB	PM	Mainline	1.30	1.63	24.78	8.68	13795	10370	0.3569	0.3286	0.0381	0.0016	0.0384	0.0876	0.0076	0.0032	0.0018	0.3250	0.4496
38	2035	ALT2	EB	PM	Mainline	1.86	2.31	34.77	13.14	19968	15179	0.5510	0.5072	0.0537	0.0021	0.0591	0.1330	0.0105	0.0045	0.0027	0.5075	0.7051
39	2035	ALT2	EB	PM	Mainline	1.84	2.29	34.56	12.65	19602	14827	0.5281	0.4862	0.0534	0.0022	0.0564	0.1277	0.0105	0.0045	0.0026	0.4843	0.6667
40	2035	ALT2	EB	PM	Mainline	1.24	1.53	22.90	8.76	13242	10079	0.3713	0.3418	0.0357	0.0014	0.0393	0.0884	0.0070	0.0030	0.0018	0.3427	0.4689
41	2035	ALT2	EB	PM	Mainline	0.47	0.58	8.81	3.19	4972	3754	0.1325	0.1220	0.0136	0.0006	0.0142	0.0321	0.0027	0.0011	0.0007	0.1213	0.1670
42	2035	ALT2	EB	PM	Mainline	1.41	1.74	26.13	10.08	15139	11543	0.4253	0.3915	0.0405	0.0016	0.0455	0.1020	0.0079	0.0034	0.0021	0.3928	0.5451
43	2035	ALT2	EB	PM	Mainline	0.59	0.73	10.98	4.08	6269	4752	0.1711	0.1575	0.0170	0.0007	0.0182	0.0412	0.0033	0.0014	0.0008	0.1572	0.2162
44	2035	ALT2	EB	PM	Mainline	0.93	1.15	17.37	6.45	9913	7514	0.2705	0.2491	0.0269	0.0011	0.0288	0.0651	0.0053	0.0022	0.0013	0.2486	0.3419
45	2035	ALT2	EB	PM	Mainline	0.41	0.52	7.78	2.83	4404	3328	0.1180	0.1086	0.0120	0.0005	0.0126	0.0286	0.0024	0.0010	0.0006	0.1081	0.1488
46	2035	ALT2	EB	PM	Mainline	1.13	1.41	21.16	7.97	12138	9223	0.3342	0.3077	0.0327	0.0013	0.0358	0.0807	0.0064	0.0027	0.0016	0.3077	0.4271

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
47	2035	ALT2	EB	PM	Mainline	0.06	0.08	1.17	0.43	666	504	0.0180	0.0165	0.0018	0.0001	0.0019	0.0043	0.0004	0.0002	0.0001	0.0165	0.0227
48	2035	ALT2	EB	PM	Mainline	1.28	1.60	23.86	9.09	13765	10472	0.3842	0.3537	0.0371	0.0015	0.0408	0.0918	0.0072	0.0031	0.0019	0.3544	0.4864
49	2035	ALT2	EB	PM	Mainline	0.11	0.13	1.99	0.73	1132	858	0.0307	0.0283	0.0031	0.0001	0.0033	0.0074	0.0006	0.0003	0.0002	0.0282	0.0389
50	2035	ALT2	EB	PM	Mainline	1.85	2.30	34.51	13.24	19938	15190	0.5566	0.5124	0.0534	0.0021	0.0597	0.1340	0.0104	0.0044	0.0027	0.5137	0.7150
51	2035	ALT2	EB	PM	Mainline	0.33	0.41	6.34	2.06	3416	2540	0.0818	0.0754	0.0096	0.0004	0.0090	0.0207	0.0019	0.0008	0.0004	0.0735	0.1032
52	2035	ALT2	EB	PM	Mainline	0.51	0.64	10.02	3.12	5310	3926	0.1222	0.1125	0.0151	0.0006	0.0135	0.0314	0.0031	0.0013	0.0006	0.1089	0.1532
53	2035	ALT2	EB	PM	Mainline	0.38	0.47	7.34	2.40	3960	2949	0.0952	0.0877	0.0110	0.0005	0.0105	0.0242	0.0022	0.0010	0.0005	0.0857	0.1214
54	2035	ALT2	EB	PM	Mainline	2.12	2.66	41.82	13.76	22529	16806	0.5396	0.4968	0.0622	0.0026	0.0606	0.1392	0.0124	0.0054	0.0028	0.4856	0.7054
55	2035	ALT2	EB	PM	Mainline	0.98	1.22	18.97	6.29	10296	7684	0.2510	0.2311	0.0286	0.0012	0.0276	0.0636	0.0057	0.0025	0.0013	0.2264	0.3207
56	2035	ALT2	EB	PM	Mainline	1.23	1.54	23.80	8.38	13208	9946	0.3379	0.3111	0.0359	0.0015	0.0374	0.0850	0.0071	0.0030	0.0017	0.3077	0.4418
57	2035	ALT2	EB	PM	Mainline	0.68	0.85	12.99	4.42	7154	5354	0.1806	0.1663	0.0200	0.0008	0.0194	0.0445	0.0040	0.0017	0.0009	0.1637	0.2251
58	2035	ALT2	EB	PM	Mainline	2.38	2.96	45.11	15.87	25157	18924	0.6531	0.6013	0.0693	0.0029	0.0703	0.1602	0.0137	0.0059	0.0033	0.5953	0.8244
59	2035	ALT2	EB	PM	Mainline	0.61	0.76	11.67	3.85	6350	4732	0.1559	0.1435	0.0179	0.0008	0.0168	0.0388	0.0036	0.0015	0.0008	0.1405	0.1933
60	2035	ALT2	EB	PM	Mainline	2.60	3.24	49.88	16.68	27251	20349	0.6751	0.6216	0.0761	0.0032	0.0731	0.1682	0.0153	0.0065	0.0034	0.6101	0.8464
61	2035	ALT2	EB	PM	Mainline	0.57	0.71	11.00	3.56	5942	4415	0.1433	0.1319	0.0168	0.0007	0.0154	0.0358	0.0034	0.0014	0.0007	0.1287	0.1770
62	2035	ALT2	EB	PM	Mainline	1.16	1.44	22.01	7.45	12107	9054	0.3049	0.2808	0.0338	0.0014	0.0327	0.0751	0.0068	0.0029	0.0015	0.2763	0.3786
63	2035	ALT2	EB	PM	Mainline	0.47	0.58	8.80	3.17	4960	3744	0.1319	0.1214	0.0136	0.0006	0.0141	0.0320	0.0027	0.0011	0.0007	0.1207	0.1663
64	2035	ALT2	EB	PM	Mainline	1.51	1.88	28.27	10.78	16286	12397	0.4519	0.4160	0.0437	0.0017	0.0486	0.1091	0.0085	0.0036	0.0022	0.4167	0.5809
65	2035	ALT2	EB	PM	Mainline	0.50	0.62	9.44	3.39	5305	4005	0.1398	0.1287	0.0145	0.0006	0.0151	0.0343	0.0028	0.0012	0.0007	0.1278	0.1788
66	2035	ALT2	EB	PM	Mainline	0.15	0.19	2.92	1.04	1636	1233	0.0429	0.0395	0.0045	0.0002	0.0046	0.0105	0.0009	0.0004	0.0002	0.0392	0.0545
67	2035	ALT2	EB	PM	Mainline	1.12	1.39	20.66	8.33	12189	9356	0.3536	0.3255	0.0321	0.0012	0.0380	0.0846	0.0061	0.0026	0.0017	0.3285	0.4601
68	2035	ALT2	EB	PM	Mainline	0.82	1.02	15.23	5.86	8815	6718	0.2473	0.2277	0.0236	0.0009	0.0264	0.0593	0.0046	0.0020	0.0012	0.2284	0.3163
69	2035	ALT2	EB	PM	Mainline	1.92	2.36	34.63	15.00	21113	16372	0.6492	0.5976	0.0544	0.0020	0.0692	0.1523	0.0102	0.0044	0.0031	0.6082	0.8479
70	2035	ALT2	EB	PM	Mainline	1.15	1.42	20.72	8.74	12507	9655	0.3805	0.3503	0.0327	0.0012	0.0398	0.0883	0.0062	0.0027	0.0018	0.3556	0.4846
71	2035	ALT2	EB	PM	Mainline	1.51	1.85	26.69	12.22	16718	13062	0.5405	0.4975	0.0425	0.0015	0.0565	0.1237	0.0079	0.0034	0.0026	0.5095	0.6980
72	2035	ALT2	EB	PM	Mainline	1.45	1.79	25.99	11.22	15853	12278	0.4920	0.4528	0.0412	0.0015	0.0513	0.1132	0.0078	0.0033	0.0024	0.4609	0.6260
73	2035	ALT2	EB	PM	Ramp	0.02	0.03	0.71	0.11	280	192	0.0024	0.0022	0.0008	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0011	0.0058
74	2035	ALT2	EB	PM	Ramp	0.03	0.04	0.54	0.11	259	181	0.0026	0.0024	0.0008	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0013	0.0088
75	2035	ALT2	EB	PM	Ramp	0.06	0.09	1.64	0.22	673	451	0.0052	0.0048	0.0020	0.0001	0.0009	0.0025	0.0004	0.0003	0.0001	0.0016	0.0087
76	2035	ALT2	EB	PM	Ramp	0.08	0.11	1.67	0.26	774	525	0.0068	0.0063	0.0025	0.0001	0.0017	0.0043	0.0005	0.0004	0.0001	0.0024	0.0191
77	2035	ALT2	EB	PM	Ramp	0.05	0.07	1.46	0.22	587	399	0.0048	0.0044	0.0017	0.0001	0.0010	0.0026	0.0004	0.0003	0.0000	0.0019	0.0105
78	2035	ALT2	EB	PM	Ramp	0.06	0.08	1.16	0.20	551	378	0.0052	0.0048	0.0018	0.0001	0.0015	0.0036	0.0004	0.0003	0.0000	0.0021	0.0174
79	2035	ALT2	EB	PM	Ramp	0.07	0.10	1.79	0.29	761	520	0.0066	0.0061	0.0022	0.0001	0.0014	0.0036	0.0005	0.0003	0.0001	0.0028	0.0155
80	2035	ALT2	EB	PM	Ramp	0.12	0.16	2.46	0.40	1137	775	0.0103	0.0095	0.0037	0.0002	0.0026	0.0064	0.0007	0.0006	0.0001	0.0038	0.0294
81	2035	ALT2	EB	PM	Ramp	0.14	0.19	3.95	0.61	1546	1056	0.0128	0.0118	0.0043	0.0002	0.0028	0.0070	0.0009	0.0006	0.0001	0.0058	0.0298
82	2035	ALT2	EB	PM	Ramp	0.08	0.12	1.90	0.29	848	575	0.0073	0.0068	0.0026	0.0001	0.0016	0.0041	0.0005	0.0004	0.0001	0.0026	0.0169
83	2035	ALT2	EB	PM	Ramp	0.03	0.03	0.50	0.16	255	192	0.0037	0.0034	0.0007	0.0000	0.0011	0.0024	0.0001	0.0001	0.0000	0.0029	0.0146
84	2035	ALT2	EB	PM	Ramp	0.03	0.04	0.85	0.13	322	219	0.0026	0.0024	0.0009	0.0000	0.0005	0.0014	0.0002	0.0001	0.0000	0.0012	0.0058
85	2035	ALT2	EB	PM	Ramp	0.13	0.18	3.68	0.72	1485	1048	0.0152	0.0140	0.0040	0.0002	0.0037	0.0087	0.0008	0.0005	0.0001	0.0097	0.0437
86	2035	ALT2	EB	PM	Ramp	0.13	0.18	2.92	0.77	1379	1008	0.0170	0.0157	0.0039	0.0001	0.0051	0.0112	0.0007	0.0005	0.0001	0.0120	0.0634
87	2035	ALT2	EB	PM	Ramp	0.05	0.06	0.93	0.18	444	309	0.0045	0.0041	0.0014	0.0001	0.0013	0.0030	0.0003	0.0002	0.0000	0.0021	0.0154
88	2035	ALT2	EB	PM	Ramp	0.07	0.09	1.73	0.35	736	519	0.0075	0.0069	0.0021	0.0001	0.0020	0.0046	0.0004	0.0003	0.0001	0.0045	0.0233
89	2035	ALT2	EB	PM	Ramp	0.02	0.03	0.43	0.10	215	153	0.0024	0.0022	0.0007	0.0000	0.0008	0.0018	0.0001	0.0001	0.0000	0.0014	0.0096
90	2035	ALT2	EB	PM	Ramp	0.07	0.09	1.05	0.35	590	439	0.0079	0.0073	0.0020	0.0001	0.0032	0.0068	0.0003	0.0002	0.0001	0.0056	0.0405
91	2035	ALT2	EB	PM	Ramp	0.06	0.08	1.20	0.39	614	463	0.0088	0.0081	0.0017	0.0001	0.0028	0.0059	0.0003	0.0002	0.0001	0.0069	0.0354
92	2035	ALT2	EB	PM	Ramp	0.10	0.14	1.66	0.42	864	619	0.0098	0.0091	0.0030	0.0001	0.0040	0.0087	0.0006	0.0004	0.0001	0.0056	0.0496
93	2035	ALT2	EB	PM	Ramp	2.89	3.38	22.45	26.47	25244	22062	0.6429	0.5916	0.0688	0.0005	0.2190	0.4420	0.0078	0.0020	0.0029	0.6293	2.9591
94	2035	ALT2	EB	PM	Ramp	0.27	0.34	5.69	1.71	2751	2054	0.0382	0.0352	0.0075	0.0003	0.0112	0.0242	0.0013	0.0008	0.0002	0.0299	0.1421

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
95	2035	ALT2	EB	PM	Ramp	0.06	0.08	1.55	0.31	644	456	0.0067	0.0062	0.0018	0.0001	0.0017	0.0040	0.0003	0.0002	0.0000	0.0042	0.0208
96	2035	ALT2	EB	PM	Ramp	0.06	0.08	1.80	0.34	713	502	0.0073	0.0067	0.0019	0.0001	0.0017	0.0040	0.0004	0.0002	0.0001	0.0047	0.0200
97	2035	ALT2	EB	PM	Ramp	0.04	0.05	0.56	0.34	394	322	0.0077	0.0071	0.0011	0.0000	0.0027	0.0055	0.0002	0.0001	0.0000	0.0071	0.0357
98	2035	ALT2	EB	PM	Ramp	0.04	0.05	0.78	0.26	400	302	0.0058	0.0053	0.0011	0.0000	0.0018	0.0039	0.0002	0.0001	0.0000	0.0046	0.0232
99	2035	ALT2	EB	PM	Ramp	0.10	0.13	2.49	0.61	1095	797	0.0134	0.0123	0.0030	0.0001	0.0036	0.0080	0.0006	0.0003	0.0001	0.0098	0.0443
100	2035	ALT2	EB	PM	Ramp	0.09	0.12	2.27	0.49	974	695	0.0106	0.0097	0.0027	0.0001	0.0029	0.0065	0.0005	0.0003	0.0001	0.0069	0.0344
101	2035	ALT2	EB	PM	Ramp	0.03	0.03	0.56	0.19	279	212	0.0043	0.0040	0.0007	0.0000	0.0012	0.0026	0.0001	0.0001	0.0000	0.0036	0.0156
102	2035	ALT2	EB	PM	Ramp	0.03	0.04	0.73	0.17	320	231	0.0036	0.0034	0.0009	0.0000	0.0010	0.0023	0.0002	0.0001	0.0000	0.0025	0.0123
103	2035	ALT2	EB	PM	Ramp	0.02	0.03	0.65	0.11	245	169	0.0021	0.0020	0.0007	0.0000	0.0005	0.0011	0.0001	0.0001	0.0000	0.0012	0.0050
104	2035	ALT2	EB	PM	Ramp	0.05	0.08	1.22	0.21	552	379	0.0051	0.0047	0.0017	0.0001	0.0012	0.0029	0.0003	0.0003	0.0000	0.0021	0.0132
105	2035	ALT2	EB	PM	Ramp	0.04	0.05	0.97	0.18	395	275	0.0037	0.0035	0.0011	0.0000	0.0009	0.0022	0.0002	0.0001	0.0000	0.0021	0.0106
106	2035	ALT2	EB	PM	Ramp	0.01	0.01	0.19	0.03	86	58	0.0007	0.0007	0.0003	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0002	0.0015
107	2035	ALT2	EB	PM	Ramp	0.08	0.11	1.97	0.40	847	598	0.0087	0.0080	0.0024	0.0001	0.0023	0.0053	0.0005	0.0003	0.0001	0.0052	0.0274
108	2035	ALT2	EB	PM	Ramp	0.06	0.09	1.51	0.22	670	450	0.0056	0.0051	0.0021	0.0001	0.0011	0.0030	0.0004	0.0003	0.0001	0.0017	0.0115
109	2035	ALT2	EB	PM	Ramp	0.06	0.08	1.51	0.30	631	445	0.0064	0.0059	0.0018	0.0001	0.0016	0.0038	0.0003	0.0002	0.0000	0.0038	0.0194
110	2035	ALT2	EB	PM	Ramp	0.06	0.09	1.44	0.24	648	443	0.0058	0.0054	0.0020	0.0001	0.0013	0.0033	0.0004	0.0003	0.0001	0.0024	0.0144
111	2035	ALT2	EB	PM	Ramp	0.02	0.03	0.54	0.11	216	153	0.0023	0.0021	0.0006	0.0000	0.0005	0.0013	0.0001	0.0001	0.0000	0.0015	0.0065
112	2035	ALT2	EB	PM	Ramp	0.09	0.13	2.01	0.37	931	644	0.0090	0.0083	0.0029	0.0001	0.0023	0.0055	0.0006	0.0004	0.0001	0.0041	0.0262
113	2035	ALT2	EB	PM	Ramp	0.06	0.08	1.70	0.27	679	465	0.0058	0.0053	0.0019	0.0001	0.0013	0.0032	0.0004	0.0003	0.0001	0.0027	0.0140
114	2035	ALT2	EB	PM	Ramp	0.06	0.09	1.38	0.21	618	418	0.0053	0.0049	0.0019	0.0001	0.0011	0.0029	0.0004	0.0003	0.0001	0.0018	0.0119
115	2035	ALT2	EB	PM	Ramp																	
116	2035	ALT2	EB	PM	Ramp	0.02	0.03	0.61	0.07	258	171	0.0019	0.0018	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0023
117	2035	ALT2	EB	PM	Ramp	0.04	0.05	0.99	0.20	422	299	0.0044	0.0040	0.0012	0.0000	0.0012	0.0027	0.0002	0.0002	0.0000	0.0027	0.0139
118	2035	ALT2	EB	PM	Ramp	0.03	0.04	0.66	0.10	290	196	0.0024	0.0022	0.0009	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0008	0.0048
119	2035	ALT2	EB	PM	Ramp	0.04	0.06	1.25	0.19	484	330	0.0039	0.0036	0.0014	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0018	0.0089
120	2035	ALT2	EB	PM	Ramp	0.03	0.04	0.74	0.10	320	215	0.0026	0.0024	0.0010	0.0000	0.0005	0.0013	0.0002	0.0002	0.0000	0.0008	0.0048
121	2035	ALT2	EB	PM	Ramp	0.05	0.06	1.14	0.28	496	362	0.0062	0.0057	0.0013	0.0000	0.0016	0.0036	0.0002	0.0001	0.0000	0.0047	0.0200
122	2035	ALT2	EB	PM	Ramp	0.81	1.08	21.29	4.59	8941	6394	0.0991	0.0914	0.0243	0.0010	0.0256	0.0583	0.0047	0.0029	0.0007	0.0675	0.3089
123	2035	ALT2	EB	PM	Ramp	0.71	0.93	16.92	4.36	7619	5581	0.0968	0.0892	0.0206	0.0008	0.0266	0.0585	0.0038	0.0022	0.0006	0.0725	0.3303
124	2035	ALT2	EB	PM	Ramp	0.06	0.08	1.27	0.25	601	419	0.0060	0.0056	0.0019	0.0001	0.0017	0.0039	0.0004	0.0003	0.0001	0.0030	0.0196
125	2035	ALT2	EB	PM	Ramp	0.01	0.01	0.18	0.03	74	52	0.0007	0.0006	0.0002	0.0000	0.0002	0.0004	0.0000	0.0000	0.0000	0.0004	0.0020
126	2035	ALT2	EB	PM	Ramp	0.03	0.05	0.75	0.12	347	236	0.0031	0.0029	0.0011	0.0001	0.0008	0.0019	0.0002	0.0002	0.0000	0.0012	0.0088
127	2035	ALT2	EB	PM	Ramp	0.12	0.17	2.84	0.51	1273	880	0.0121	0.0112	0.0038	0.0002	0.0029	0.0071	0.0008	0.0006	0.0001	0.0057	0.0330
128	2035	ALT2	EB	PM	Ramp	0.01	0.02	0.37	0.04	156	103	0.0011	0.0010	0.0005	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0002	0.0010
129	2035	ALT2	EB	PM	Ramp	0.07	0.09	1.77	0.37	737	524	0.0078	0.0072	0.0020	0.0001	0.0020	0.0046	0.0004	0.0002	0.0001	0.0051	0.0242
130	2035	ALT2	EB	PM	Ramp	0.06	0.08	1.78	0.25	668	452	0.0051	0.0047	0.0018	0.0001	0.0010	0.0027	0.0004	0.0003	0.0000	0.0021	0.0106
131	2035	ALT2	EB	PM	Ramp	0.09	0.12	2.13	0.54	956	699	0.0120	0.0111	0.0026	0.0001	0.0033	0.0073	0.0005	0.0003	0.0001	0.0089	0.0412
132	2035	ALT2	EB	PM	Ramp	0.05	0.07	1.61	0.21	591	396	0.0042	0.0039	0.0016	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0014	0.0069
133	2035	ALT2	EB	PM	Ramp	0.12	0.16	3.30	0.62	1334	936	0.0130	0.0120	0.0037	0.0002	0.0032	0.0076	0.0007	0.0005	0.0001	0.0078	0.0378
134	2035	ALT2	EB	PM	Ramp	0.22	0.30	6.20	1.06	2444	1692	0.0219	0.0203	0.0067	0.0003	0.0052	0.0125	0.0014	0.0009	0.0002	0.0118	0.0581
135	2035	ALT2	EB	PM	Ramp	0.09	0.11	2.26	0.46	938	665	0.0098	0.0091	0.0026	0.0001	0.0025	0.0058	0.0005	0.0003	0.0001	0.0064	0.0303
136	2035	ALT2	EB	PM	Ramp	0.02	0.03	0.57	0.07	251	167	0.0020	0.0018	0.0008	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0005	0.0031
137	2035	ALT2	EB	PM	Ramp	0.63	0.82	12.49	4.14	6383	4822	0.0921	0.0849	0.0178	0.0006	0.0288	0.0616	0.0031	0.0017	0.0005	0.0735	0.3687
138	2035	ALT2	EB	PM	Ramp	0.03	0.04	0.79	0.13	329	226	0.0029	0.0027	0.0009	0.0000	0.0007	0.0016	0.0002	0.0001	0.0000	0.0013	0.0074
139	2035	ALT2	EB	PM	Ramp	0.05	0.08	1.30	0.18	572	382	0.0046	0.0042	0.0018	0.0001	0.0009	0.0023	0.0004	0.0003	0.0000	0.0012	0.0083
140	2035	ALT2	EB	PM	Ramp	0.10	0.14	2.78	0.39	1119	755	0.0088	0.0082	0.0032	0.0002	0.0017	0.0046	0.0007	0.0005	0.0001	0.0032	0.0174
141	2035	ALT2	EB	PM	Ramp	0.02	0.02	0.58	0.07	207	137	0.0014	0.0013	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0018
142	2035	ALT2	EB	PM	Ramp	0.05	0.07	1.65	0.19	579	383	0.0036	0.0034	0.0016	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0010	0.0044

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
143	2035	ALT2	EB	PM	Ramp	0.04	0.05	1.28	0.15	457	303	0.0030	0.0027	0.0013	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0008	0.0039
144	2035	ALT2	EB	PM	HOV	0.12	0.16	3.24	0.38	1221	794	0.0052	0.0048	0.0039	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0009
145	2035	ALT2	EB	PM	HOV	0.32	0.42	8.57	0.99	3225	2097	0.0138	0.0128	0.0104	0.0006	0.0020	0.0079	0.0024	0.0011	0.0002	0.0013	0.0025
146	2035	ALT2	EB	PM	HOV	0.01	0.02	0.37	0.04	140	91	0.0006	0.0006	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
147	2035	ALT2	EB	PM	HOV	0.27	0.36	7.24	0.84	2727	1773	0.0116	0.0108	0.0088	0.0005	0.0017	0.0067	0.0020	0.0009	0.0001	0.0011	0.0021
148	2035	ALT2	EB	PM	HOV	0.10	0.13	2.63	0.31	992	645	0.0042	0.0039	0.0032	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0008
149	2035	ALT2	EB	PM	HOV	0.16	0.21	4.34	0.50	1635	1063	0.0070	0.0065	0.0052	0.0003	0.0010	0.0040	0.0012	0.0006	0.0001	0.0007	0.0013
150	2035	ALT2	EB	PM	HOV	0.18	0.23	4.50	0.53	1728	1124	0.0074	0.0068	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0013
151	2035	ALT2	EB	PM	HOV	0.24	0.31	6.07	0.71	2333	1517	0.0100	0.0092	0.0077	0.0004	0.0015	0.0059	0.0018	0.0008	0.0001	0.0010	0.0018
152	2035	ALT2	EB	PM	HOV	0.19	0.25	4.82	0.56	1851	1203	0.0079	0.0073	0.0061	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0014
153	2035	ALT2	EB	PM	HOV	0.06	0.08	1.50	0.17	596	387	0.0025	0.0024	0.0020	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
154	2035	ALT2	EB	PM	HOV	0.12	0.16	2.88	0.33	1141	741	0.0049	0.0045	0.0039	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0008
155	2035	ALT2	EB	PM	HOV	0.09	0.12	2.14	0.25	848	551	0.0036	0.0034	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0003	0.0006
156	2035	ALT2	EB	PM	HOV	0.07	0.09	1.68	0.19	667	434	0.0029	0.0026	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
157	2035	ALT2	EB	PM	HOV	0.13	0.16	2.96	0.34	1174	763	0.0050	0.0047	0.0040	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0008
158	2035	ALT2	EB	PM	HOV	0.15	0.19	3.41	0.39	1352	879	0.0058	0.0054	0.0046	0.0002	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0010
159	2035	ALT2	EB	PM	HOV	0.08	0.11	1.95	0.22	774	503	0.0033	0.0031	0.0027	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0006
160	2035	ALT2	EB	PM	HOV	0.15	0.20	3.64	0.42	1442	937	0.0062	0.0057	0.0049	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0010
161	2035	ALT2	EB	PM	HOV	0.06	0.07	1.28	0.15	509	331	0.0022	0.0020	0.0018	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0004
162	2035	ALT2	EB	PM	HOV	0.04	0.05	0.92	0.11	365	237	0.0016	0.0014	0.0013	0.0001	0.0002	0.0010	0.0003	0.0001	0.0000	0.0001	0.0003
163	2035	ALT2	EB	PM	HOV	0.09	0.12	2.17	0.25	865	562	0.0037	0.0034	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0006
164	2035	ALT2	EB	PM	HOV	0.01	0.01	0.22	0.03	87	57	0.0004	0.0003	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
165	2035	ALT2	EB	PM	HOV	0.04	0.06	1.02	0.12	405	263	0.0017	0.0016	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
166	2035	ALT2	EB	PM	HOV	0.05	0.07	1.26	0.14	500	325	0.0021	0.0020	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0004
167	2035	ALT2	EB	PM	HOV	0.04	0.05	0.89	0.10	354	230	0.0015	0.0014	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
168	2035	ALT2	EB	PM	HOV	0.02	0.03	0.58	0.07	229	149	0.0010	0.0009	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
169	2035	ALT2	EB	PM	HOV	0.23	0.29	5.24	0.60	2086	1356	0.0089	0.0083	0.0072	0.0004	0.0014	0.0055	0.0017	0.0007	0.0001	0.0009	0.0015
170	2035	ALT2	EB	PM	HOV	0.16	0.21	3.79	0.43	1507	980	0.0064	0.0060	0.0052	0.0003	0.0010	0.0040	0.0012	0.0005	0.0001	0.0006	0.0011
171	2035	ALT2	EB	PM	HOV	0.09	0.12	2.10	0.24	840	546	0.0036	0.0033	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0003	0.0006
172	2035	ALT2	EB	PM	HOV	0.05	0.07	1.23	0.14	492	320	0.0021	0.0020	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0003
173	2035	ALT2	EB	PM	HOV	0.09	0.12	2.18	0.25	874	568	0.0037	0.0035	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0006
174	2035	ALT2	EB	PM	HOV	0.07	0.09	1.55	0.18	618	402	0.0026	0.0025	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0004
175	2035	ALT2	EB	PM	HOV	0.08	0.10	1.85	0.21	739	480	0.0032	0.0029	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0005
176	2035	ALT2	EB	PM	HOV	0.07	0.09	1.62	0.18	646	420	0.0028	0.0026	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
177	2035	ALT2	EB	PM	HOV	0.10	0.12	2.20	0.25	879	572	0.0038	0.0035	0.0031	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0006
178	2035	ALT2	EB	PM	HOV	0.05	0.06	1.07	0.12	426	277	0.0018	0.0017	0.0015	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
179	2035	ALT2	EB	PM	HOV	0.06	0.07	1.28	0.15	511	332	0.0022	0.0020	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
180	2035	ALT2	EB	PM	HOV	0.07	0.10	1.72	0.20	688	448	0.0029	0.0027	0.0024	0.0001	0.0005	0.0018	0.0006	0.0002	0.0000	0.0003	0.0005
181	2035	ALT2	EB	PM	HOV	0.10	0.14	3.62	0.39	1209	786	0.0053	0.0049	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0011
182	2035	ALT2	EB	PM	HOV	0.10	0.13	3.40	0.36	1133	737	0.0049	0.0046	0.0032	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0010
183	2035	ALT2	EB	PM	HOV	0.07	0.10	2.46	0.26	822	534	0.0036	0.0033	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0008
184	2035	ALT2	EB	PM	HOV	0.02	0.03	0.85	0.09	284	185	0.0012	0.0011	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0003
185	2035	ALT2	EB	PM	HOV	0.08	0.11	2.82	0.30	940	611	0.0041	0.0038	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0009
186	2035	ALT2	EB	PM	HOV	0.03	0.04	1.11	0.12	371	241	0.0016	0.0015	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
187	2035	ALT2	EB	PM	HOV	0.05	0.07	1.76	0.19	587	381	0.0026	0.0024	0.0016	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
188	2035	ALT2	EB	PM	HOV	0.02	0.03	0.77	0.08	256	166	0.0011	0.0010	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
189	2035	ALT2	EB	PM	HOV	0.06	0.09	2.26	0.24	754	490	0.0033	0.0031	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0007
190	2035	ALT2	EB	PM	HOV	0.00	0.00	0.12	0.01	40	26	0.0002	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
191	2035	ALT2	EB	PM	HOV	0.12	0.16	2.93	0.34	1159	753	0.0050	0.0046	0.0040	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0008
192	2035	ALT2	EB	PM	HOV	0.01	0.01	0.23	0.03	93	60	0.0004	0.0004	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
193	2035	ALT2	EB	PM	HOV	0.19	0.25	4.55	0.52	1802	1171	0.0077	0.0071	0.0062	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0007	0.0013
194	2035	ALT2	EB	PM	HOV	0.02	0.03	0.53	0.06	210	137	0.0009	0.0008	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
195	2035	ALT2	EB	PM	HOV	0.03	0.03	0.63	0.07	248	161	0.0011	0.0010	0.0008	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
196	2035	ALT2	EB	PM	HOV	0.02	0.03	0.53	0.06	208	135	0.0009	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0002
197	2035	ALT2	EB	PM	HOV	0.13	0.17	3.05	0.35	1209	786	0.0052	0.0048	0.0041	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0009
198	2035	ALT2	EB	PM	HOV	0.06	0.08	1.37	0.16	541	352	0.0023	0.0021	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
199	2035	ALT2	EB	PM	HOV	0.13	0.17	3.20	0.37	1235	803	0.0053	0.0049	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0009
200	2035	ALT2	EB	PM	HOV	0.07	0.09	1.65	0.19	636	413	0.0027	0.0025	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
201	2035	ALT2	EB	PM	HOV	0.25	0.32	6.26	0.73	2417	1571	0.0103	0.0096	0.0080	0.0004	0.0016	0.0061	0.0018	0.0008	0.0001	0.0010	0.0018
202	2035	ALT2	EB	PM	HOV	0.06	0.08	1.45	0.17	561	365	0.0024	0.0022	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
203	2035	ALT2	EB	PM	HOV	0.27	0.35	6.67	0.78	2573	1673	0.0110	0.0102	0.0085	0.0005	0.0017	0.0065	0.0020	0.0009	0.0001	0.0011	0.0019
204	2035	ALT2	EB	PM	HOV	0.06	0.08	1.46	0.17	562	365	0.0024	0.0022	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
205	2035	ALT2	EB	PM	HOV	0.13	0.17	3.25	0.38	1251	814	0.0053	0.0050	0.0041	0.0002	0.0008	0.0032	0.0009	0.0004	0.0001	0.0005	0.0009
206	2035	ALT2	EB	PM	HOV	0.06	0.08	1.47	0.17	564	367	0.0024	0.0022	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
207	2035	ALT2	EB	PM	HOV	0.21	0.28	5.34	0.62	2056	1336	0.0088	0.0081	0.0068	0.0004	0.0013	0.0052	0.0016	0.0007	0.0001	0.0008	0.0016
208	2035	ALT2	EB	PM	HOV	0.07	0.08	1.65	0.19	634	412	0.0027	0.0025	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
209	2035	ALT2	EB	PM	HOV	0.02	0.02	0.42	0.05	162	105	0.0007	0.0006	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
210	2035	ALT2	EB	PM	HOV	0.18	0.23	4.69	0.54	1766	1148	0.0075	0.0070	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
211	2035	ALT2	EB	PM	HOV	0.12	0.16	3.23	0.38	1218	792	0.0052	0.0048	0.0039	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0009
212	2035	ALT2	EB	PM	HOV	0.33	0.43	8.66	1.00	3261	2121	0.0139	0.0129	0.0105	0.0006	0.0021	0.0080	0.0024	0.0011	0.0002	0.0013	0.0025
213	2035	ALT2	EB	PM	HOV	0.19	0.25	4.98	0.58	1877	1221	0.0080	0.0074	0.0060	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0008	0.0015
214	2035	ALT2	EB	PM	HOV																	
215	2035	ALT2	EB	PM	HOV																	
1	2035	ALT2	EB	NT	Mainline	0.71	0.96	23.87	3.35	8417	5692	0.0630	0.0582	0.0225	0.0011	0.0114	0.0305	0.0049	0.0029	0.0005	0.0309	0.1082
2	2035	ALT2	EB	NT	Mainline	1.73	2.30	54.49	8.05	19880	13465	0.1599	0.1477	0.0543	0.0027	0.0259	0.0706	0.0118	0.0064	0.0013	0.0890	0.2354
3	2035	ALT2	EB	NT	Mainline	0.09	0.11	2.65	0.39	973	658	0.0078	0.0072	0.0027	0.0001	0.0012	0.0034	0.0006	0.0003	0.0001	0.0043	0.0106
4	2035	ALT2	EB	NT	Mainline	1.51	2.02	49.17	7.15	17638	11951	0.1383	0.1277	0.0475	0.0023	0.0237	0.0638	0.0103	0.0058	0.0011	0.0738	0.2224
5	2035	ALT2	EB	NT	Mainline	0.60	0.80	17.93	2.71	6754	4571	0.0564	0.0521	0.0190	0.0009	0.0085	0.0235	0.0042	0.0021	0.0004	0.0328	0.0731
6	2035	ALT2	EB	NT	Mainline	0.88	1.16	27.04	4.09	10021	6803	0.0841	0.0776	0.0276	0.0014	0.0133	0.0361	0.0060	0.0032	0.0006	0.0490	0.1215
7	2035	ALT2	EB	NT	Mainline	1.34	1.82	44.68	6.45	15903	10796	0.1236	0.1141	0.0424	0.0020	0.0229	0.0603	0.0091	0.0054	0.0010	0.0634	0.2250
8	2035	ALT2	EB	NT	Mainline	1.64	2.17	50.31	7.74	18724	12740	0.1610	0.1486	0.0514	0.0025	0.0257	0.0690	0.0111	0.0059	0.0012	0.0958	0.2392
9	2035	ALT2	EB	NT	Mainline	1.47	1.99	48.60	7.00	17327	11762	0.1343	0.1241	0.0463	0.0022	0.0251	0.0661	0.0099	0.0059	0.0011	0.0680	0.2480
10	2035	ALT2	EB	NT	Mainline	0.43	0.56	12.32	1.96	4739	3228	0.0431	0.0398	0.0133	0.0007	0.0064	0.0175	0.0029	0.0015	0.0003	0.0269	0.0585
11	2035	ALT2	EB	NT	Mainline	0.86	1.14	27.06	4.13	9917	6753	0.0835	0.0771	0.0268	0.0013	0.0141	0.0373	0.0058	0.0032	0.0006	0.0484	0.1345
12	2035	ALT2	EB	NT	Mainline	0.61	0.80	17.87	2.79	6796	4622	0.0601	0.0555	0.0190	0.0009	0.0091	0.0248	0.0041	0.0021	0.0004	0.0368	0.0822
13	2035	ALT2	EB	NT	Mainline	0.61	0.80	16.76	2.63	6573	4452	0.0582	0.0537	0.0191	0.0010	0.0082	0.0231	0.0042	0.0020	0.0004	0.0355	0.0685
14	2035	ALT2	EB	NT	Mainline	0.93	1.21	26.10	4.10	10118	6867	0.0900	0.0831	0.0290	0.0014	0.0130	0.0361	0.0064	0.0031	0.0007	0.0552	0.1129
15	2035	ALT2	EB	NT	Mainline	1.15	1.53	36.68	5.56	13374	9101	0.1112	0.1026	0.0361	0.0018	0.0189	0.0501	0.0078	0.0043	0.0009	0.0635	0.1806
16	2035	ALT2	EB	NT	Mainline	0.71	0.96	23.58	3.43	8417	5721	0.0661	0.0611	0.0225	0.0011	0.0124	0.0323	0.0048	0.0028	0.0005	0.0343	0.1224
17	2035	ALT2	EB	NT	Mainline	1.25	1.71	40.77	6.00	14747	10045	0.1170	0.1081	0.0395	0.0019	0.0232	0.0598	0.0084	0.0052	0.0010	0.0590	0.2377
18	2035	ALT2	EB	NT	Mainline	0.92	1.22	28.97	4.45	10644	7253	0.0905	0.0835	0.0288	0.0014	0.0152	0.0402	0.0062	0.0034	0.0007	0.0529	0.1463
19	2035	ALT2	EB	NT	Mainline	0.73	0.96	21.78	3.40	8236	5605	0.0728	0.0672	0.0229	0.0011	0.0112	0.0302	0.0050	0.0025	0.0005	0.0445	0.1023
20	2035	ALT2	EB	NT	Mainline	1.56	2.07	49.33	7.46	18025	12257	0.1497	0.1382	0.0488	0.0024	0.0251	0.0668	0.0105	0.0058	0.0012	0.0856	0.2374
21	2035	ALT2	EB	NT	Mainline	0.17	0.23	5.31	0.80	1975	1340	0.0166	0.0153	0.0055	0.0003	0.0026	0.0071	0.0012	0.0006	0.0001	0.0097	0.0236
22	2035	ALT2	EB	NT	Mainline	0.70	0.92	20.92	3.22	7882	5353	0.0680	0.0628	0.0220	0.0011	0.0104	0.0284	0.0048	0.0025	0.0005	0.0407	0.0934
23	2035	ALT2	EB	NT	Mainline	0.73	0.97	22.42	3.38	8340	5656	0.0698	0.0644	0.0231	0.0011	0.0108	0.0297	0.0050	0.0026	0.0005	0.0407	0.0972

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
24	2035	ALT2	EB	NT	Mainline	0.68	0.89	19.26	3.14	7494	5118	0.0709	0.0654	0.0211	0.0010	0.0105	0.0283	0.0046	0.0023	0.0005	0.0455	0.0969
25	2035	ALT2	EB	NT	Mainline	0.42	0.56	13.29	2.09	4890	3345	0.0426	0.0393	0.0131	0.0006	0.0074	0.0193	0.0028	0.0016	0.0003	0.0254	0.0737
26	2035	ALT2	EB	NT	Mainline	3.64	4.86	116.12	17.93	42464	28995	0.3617	0.3339	0.1140	0.0055	0.0635	0.1654	0.0244	0.0136	0.0028	0.2104	0.6268
27	2035	ALT2	EB	NT	Mainline	2.97	3.89	85.28	13.78	32971	22505	0.3074	0.2837	0.0927	0.0045	0.0460	0.1237	0.0201	0.0101	0.0022	0.1955	0.4239
28	2035	ALT2	EB	NT	Mainline	1.69	2.22	49.46	8.06	18989	12998	0.1793	0.1654	0.0526	0.0025	0.0276	0.0731	0.0114	0.0058	0.0013	0.1152	0.2630
29	2035	ALT2	EB	NT	Mainline	1.14	1.50	33.60	5.41	12849	8781	0.1192	0.1100	0.0356	0.0017	0.0183	0.0488	0.0077	0.0039	0.0009	0.0756	0.1727
30	2035	ALT2	EB	NT	Mainline	2.03	2.65	55.47	9.23	22053	15063	0.2148	0.1982	0.0634	0.0031	0.0306	0.0829	0.0138	0.0067	0.0015	0.1406	0.2760
31	2035	ALT2	EB	NT	Mainline	1.44	1.89	41.61	6.76	16063	10977	0.1509	0.1392	0.0449	0.0022	0.0228	0.0609	0.0097	0.0049	0.0011	0.0965	0.2128
32	2035	ALT2	EB	NT	Mainline	1.51	2.00	46.43	7.52	17430	11957	0.1603	0.1479	0.0472	0.0022	0.0270	0.0697	0.0101	0.0054	0.0012	0.1004	0.2684
33	2035	ALT2	EB	NT	Mainline	1.40	1.84	41.83	6.82	15928	10918	0.1498	0.1382	0.0436	0.0021	0.0238	0.0624	0.0094	0.0049	0.0011	0.0959	0.2316
34	2035	ALT2	EB	NT	Mainline	1.68	2.21	50.75	8.43	19237	13239	0.1834	0.1692	0.0520	0.0025	0.0309	0.0790	0.0111	0.0059	0.0013	0.1181	0.3119
35	2035	ALT2	EB	NT	Mainline	0.92	1.20	26.62	4.39	10285	7048	0.0988	0.0912	0.0286	0.0014	0.0151	0.0400	0.0062	0.0031	0.0007	0.0643	0.1446
36	2035	ALT2	EB	NT	Mainline	1.10	1.44	31.89	5.26	12322	8444	0.1184	0.1092	0.0342	0.0017	0.0181	0.0479	0.0074	0.0037	0.0008	0.0770	0.1733
37	2035	ALT2	EB	NT	Mainline	1.48	1.94	42.95	7.08	16596	11373	0.1595	0.1471	0.0461	0.0022	0.0244	0.0645	0.0099	0.0050	0.0011	0.1037	0.2333
38	2035	ALT2	EB	NT	Mainline	2.15	2.83	63.25	10.58	24384	16763	0.2387	0.2203	0.0669	0.0032	0.0375	0.0974	0.0144	0.0074	0.0017	0.1574	0.3680
39	2035	ALT2	EB	NT	Mainline	2.30	2.99	62.19	10.65	24973	17123	0.2546	0.2349	0.0716	0.0035	0.0362	0.0967	0.0156	0.0076	0.0018	0.1716	0.3351
40	2035	ALT2	EB	NT	Mainline	1.56	2.02	39.46	6.93	16373	11229	0.1753	0.1617	0.0486	0.0024	0.0236	0.0637	0.0106	0.0049	0.0012	0.1210	0.2120
41	2035	ALT2	EB	NT	Mainline	0.57	0.74	15.28	2.60	6156	4215	0.0623	0.0575	0.0178	0.0009	0.0087	0.0235	0.0039	0.0019	0.0004	0.0418	0.0796
42	2035	ALT2	EB	NT	Mainline	1.66	2.17	47.20	7.99	18488	12704	0.1849	0.1706	0.0515	0.0025	0.0280	0.0733	0.0111	0.0056	0.0013	0.1234	0.2701
43	2035	ALT2	EB	NT	Mainline	0.74	0.96	19.15	3.32	7843	5374	0.0818	0.0755	0.0230	0.0011	0.0112	0.0303	0.0050	0.0024	0.0006	0.0558	0.1013
44	2035	ALT2	EB	NT	Mainline	1.17	1.52	30.28	5.24	12402	8498	0.1294	0.1194	0.0364	0.0018	0.0177	0.0479	0.0079	0.0038	0.0009	0.0882	0.1602
45	2035	ALT2	EB	NT	Mainline	0.51	0.66	13.36	2.31	5449	3733	0.0564	0.0520	0.0159	0.0008	0.0078	0.0210	0.0035	0.0016	0.0004	0.0383	0.0705
46	2035	ALT2	EB	NT	Mainline	1.33	1.73	37.57	6.35	14741	10123	0.1471	0.1357	0.0412	0.0020	0.0221	0.0581	0.0089	0.0044	0.0010	0.0980	0.2118
47	2035	ALT2	EB	NT	Mainline	0.08	0.10	2.08	0.36	848	580	0.0087	0.0080	0.0025	0.0001	0.0012	0.0032	0.0005	0.0003	0.0001	0.0058	0.0107
48	2035	ALT2	EB	NT	Mainline	1.69	2.19	42.88	7.42	17708	12121	0.1852	0.1708	0.0526	0.0026	0.0249	0.0679	0.0115	0.0054	0.0013	0.1261	0.2213
49	2035	ALT2	EB	NT	Mainline	0.13	0.17	3.49	0.60	1413	968	0.0144	0.0133	0.0041	0.0002	0.0020	0.0054	0.0009	0.0004	0.0001	0.0097	0.0184
50	2035	ALT2	EB	NT	Mainline	2.08	2.70	54.00	9.44	22146	15199	0.2344	0.2162	0.0647	0.0032	0.0322	0.0865	0.0141	0.0067	0.0016	0.1612	0.2950
51	2035	ALT2	EB	NT	Mainline	0.31	0.41	9.09	1.48	3494	2389	0.0328	0.0303	0.0097	0.0005	0.0050	0.0133	0.0021	0.0011	0.0002	0.0210	0.0472
52	2035	ALT2	EB	NT	Mainline	0.44	0.58	13.37	2.17	5027	3448	0.0464	0.0428	0.0136	0.0007	0.0077	0.0201	0.0029	0.0016	0.0003	0.0291	0.0769
53	2035	ALT2	EB	NT	Mainline	0.34	0.46	10.84	1.75	4009	2758	0.0360	0.0332	0.0107	0.0005	0.0068	0.0170	0.0023	0.0013	0.0003	0.0217	0.0704
54	2035	ALT2	EB	NT	Mainline	2.33	3.21	69.52	10.86	26600	18221	0.2215	0.2047	0.0732	0.0034	0.0487	0.1217	0.0152	0.0101	0.0019	0.1080	0.5262
55	2035	ALT2	EB	NT	Mainline	0.85	1.13	26.36	4.31	9852	6774	0.0909	0.0839	0.0264	0.0012	0.0159	0.0406	0.0056	0.0031	0.0007	0.0569	0.1621
56	2035	ALT2	EB	NT	Mainline	1.26	1.71	39.76	6.25	14698	10097	0.1248	0.1153	0.0394	0.0018	0.0262	0.0653	0.0082	0.0051	0.0010	0.0682	0.2808
57	2035	ALT2	EB	NT	Mainline	0.67	0.87	18.44	3.11	7327	5017	0.0728	0.0672	0.0209	0.0010	0.0105	0.0281	0.0045	0.0022	0.0005	0.0483	0.0971
58	2035	ALT2	EB	NT	Mainline	2.22	2.93	66.77	10.92	25335	17386	0.2383	0.2199	0.0690	0.0033	0.0388	0.1008	0.0148	0.0078	0.0017	0.1523	0.3822
59	2035	ALT2	EB	NT	Mainline	0.59	0.77	17.22	2.77	6600	4509	0.0612	0.0565	0.0184	0.0009	0.0094	0.0250	0.0040	0.0020	0.0004	0.0388	0.0877
60	2035	ALT2	EB	NT	Mainline	2.51	3.39	81.72	12.43	29576	20209	0.2453	0.2266	0.0788	0.0037	0.0464	0.1193	0.0167	0.0098	0.0020	0.1364	0.4727
61	2035	ALT2	EB	NT	Mainline	0.56	0.74	17.11	2.66	6396	4357	0.0559	0.0516	0.0176	0.0009	0.0089	0.0238	0.0038	0.0020	0.0004	0.0337	0.0833
62	2035	ALT2	EB	NT	Mainline	1.25	1.64	34.85	5.62	13654	9293	0.1264	0.1166	0.0392	0.0019	0.0182	0.0499	0.0086	0.0042	0.0009	0.0799	0.1608
63	2035	ALT2	EB	NT	Mainline	0.48	0.63	12.85	2.18	5179	3543	0.0521	0.0481	0.0150	0.0007	0.0073	0.0197	0.0033	0.0016	0.0004	0.0348	0.0659
64	2035	ALT2	EB	NT	Mainline	1.57	2.04	42.94	7.25	17090	11704	0.1704	0.1572	0.0488	0.0024	0.0245	0.0656	0.0106	0.0052	0.0012	0.1133	0.2264
65	2035	ALT2	EB	NT	Mainline	0.50	0.65	14.54	2.35	5574	3809	0.0518	0.0478	0.0155	0.0008	0.0079	0.0211	0.0034	0.0017	0.0004	0.0329	0.0743
66	2035	ALT2	EB	NT	Mainline	0.17	0.23	5.22	0.89	1964	1362	0.0187	0.0173	0.0052	0.0002	0.0037	0.0091	0.0011	0.0006	0.0001	0.0119	0.0401
67	2035	ALT2	EB	NT	Mainline	1.27	1.69	38.50	6.88	14728	10282	0.1475	0.1361	0.0389	0.0017	0.0298	0.0719	0.0080	0.0046	0.0011	0.0972	0.3312
68	2035	ALT2	EB	NT	Mainline	0.90	1.18	25.92	4.72	10273	7149	0.1129	0.1041	0.0278	0.0013	0.0181	0.0453	0.0059	0.0030	0.0007	0.0799	0.1889
69	2035	ALT2	EB	NT	Mainline	2.22	2.92	65.84	12.15	25619	17928	0.2733	0.2521	0.0678	0.0031	0.0508	0.1231	0.0140	0.0077	0.0019	0.1893	0.5589
70	2035	ALT2	EB	NT	Mainline	1.50	1.93	37.45	7.23	15928	11075	0.1957	0.1804	0.0461	0.0022	0.0264	0.0682	0.0099	0.0046	0.0013	0.1452	0.2597
71	2035	ALT2	EB	NT	Mainline	1.86	2.42	50.83	9.74	20772	14521	0.2463	0.2271	0.0569	0.0026	0.0377	0.0938	0.0120	0.0060	0.0016	0.1811	0.3948

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
72	2035	ALT2	EB	NT	Mainline	2.08	2.68	51.07	9.70	21812	15114	0.2636	0.2431	0.0643	0.0031	0.0348	0.0912	0.0139	0.0064	0.0017	0.1937	0.3323
73	2035	ALT2	EB	NT	Ramp	0.10	0.15	1.99	0.24	977	644	0.0080	0.0074	0.0034	0.0002	0.0014	0.0040	0.0007	0.0006	0.0001	0.0011	0.0128
74	2035	ALT2	EB	NT	Ramp	0.08	0.11	1.26	0.20	655	442	0.0060	0.0056	0.0025	0.0001	0.0019	0.0047	0.0005	0.0004	0.0001	0.0016	0.0225
75	2035	ALT2	EB	NT	Ramp	0.15	0.23	2.03	0.26	1284	844	0.0126	0.0117	0.0052	0.0003	0.0024	0.0066	0.0011	0.0010	0.0001	0.0010	0.0236
76	2035	ALT2	EB	NT	Ramp	0.14	0.20	2.18	0.30	1179	783	0.0106	0.0098	0.0045	0.0002	0.0027	0.0069	0.0009	0.0008	0.0001	0.0017	0.0284
77	2035	ALT2	EB	NT	Ramp	0.16	0.25	2.32	0.30	1382	910	0.0131	0.0121	0.0054	0.0003	0.0027	0.0073	0.0012	0.0010	0.0002	0.0013	0.0267
78	2035	ALT2	EB	NT	Ramp	0.12	0.18	1.59	0.25	932	625	0.0091	0.0084	0.0039	0.0002	0.0032	0.0076	0.0008	0.0006	0.0001	0.0018	0.0369
79	2035	ALT2	EB	NT	Ramp	0.19	0.29	2.38	0.31	1545	1017	0.0155	0.0143	0.0063	0.0003	0.0032	0.0087	0.0013	0.0012	0.0002	0.0013	0.0328
80	2035	ALT2	EB	NT	Ramp	0.19	0.28	3.36	0.47	1715	1143	0.0150	0.0139	0.0062	0.0003	0.0038	0.0097	0.0013	0.0011	0.0002	0.0029	0.0407
81	2035	ALT2	EB	NT	Ramp	0.23	0.34	5.82	0.69	2495	1649	0.0186	0.0172	0.0077	0.0004	0.0028	0.0084	0.0017	0.0013	0.0002	0.0035	0.0227
82	2035	ALT2	EB	NT	Ramp	0.13	0.19	2.90	0.38	1331	887	0.0108	0.0100	0.0043	0.0002	0.0022	0.0059	0.0009	0.0007	0.0001	0.0024	0.0217
83	2035	ALT2	EB	NT	Ramp	0.03	0.04	0.89	0.13	353	239	0.0028	0.0026	0.0010	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0011	0.0061
84	2035	ALT2	EB	NT	Ramp	0.07	0.11	2.20	0.28	847	567	0.0062	0.0057	0.0024	0.0001	0.0011	0.0030	0.0005	0.0004	0.0001	0.0019	0.0100
85	2035	ALT2	EB	NT	Ramp	0.13	0.19	4.10	0.52	1543	1031	0.0109	0.0101	0.0043	0.0002	0.0019	0.0053	0.0009	0.0007	0.0001	0.0034	0.0172
86	2035	ALT2	EB	NT	Ramp	0.26	0.37	4.80	0.76	2343	1588	0.0210	0.0194	0.0081	0.0004	0.0062	0.0150	0.0017	0.0013	0.0002	0.0065	0.0703
87	2035	ALT2	EB	NT	Ramp	0.11	0.17	2.01	0.27	1025	681	0.0088	0.0082	0.0037	0.0002	0.0021	0.0054	0.0008	0.0006	0.0001	0.0016	0.0218
88	2035	ALT2	EB	NT	Ramp	0.09	0.13	2.28	0.27	976	644	0.0072	0.0067	0.0030	0.0002	0.0010	0.0032	0.0007	0.0005	0.0001	0.0012	0.0081
89	2035	ALT2	EB	NT	Ramp	0.05	0.07	0.91	0.13	451	302	0.0039	0.0036	0.0016	0.0001	0.0011	0.0027	0.0003	0.0003	0.0000	0.0009	0.0117
90	2035	ALT2	EB	NT	Ramp	0.30	0.44	3.77	0.61	2280	1528	0.0227	0.0210	0.0096	0.0004	0.0081	0.0193	0.0019	0.0016	0.0002	0.0042	0.0952
91	2035	ALT2	EB	NT	Ramp	0.06	0.09	1.62	0.28	683	472	0.0062	0.0057	0.0020	0.0001	0.0015	0.0036	0.0004	0.0003	0.0001	0.0030	0.0166
92	2035	ALT2	EB	NT	Ramp	0.23	0.34	2.83	0.43	1779	1184	0.0179	0.0166	0.0075	0.0003	0.0055	0.0135	0.0015	0.0013	0.0002	0.0026	0.0632
93	2035	ALT2	EB	NT	Ramp	0.66	0.92	20.81	2.80	7660	5154	0.0558	0.0516	0.0211	0.0010	0.0106	0.0286	0.0045	0.0031	0.0005	0.0211	0.1027
94	2035	ALT2	EB	NT	Ramp	0.49	0.70	10.34	1.65	4793	3258	0.0426	0.0394	0.0155	0.0007	0.0108	0.0268	0.0032	0.0024	0.0004	0.0150	0.1204
95	2035	ALT2	EB	NT	Ramp																	
96	2035	ALT2	EB	NT	Ramp	0.06	0.08	2.01	0.28	718	485	0.0053	0.0049	0.0019	0.0001	0.0010	0.0027	0.0004	0.0003	0.0000	0.0023	0.0098
97	2035	ALT2	EB	NT	Ramp	0.04	0.06	1.08	0.21	455	319	0.0045	0.0041	0.0013	0.0001	0.0011	0.0027	0.0003	0.0002	0.0000	0.0025	0.0133
98	2035	ALT2	EB	NT	Ramp	0.10	0.14	2.67	0.46	1101	761	0.0099	0.0092	0.0031	0.0001	0.0024	0.0057	0.0006	0.0004	0.0001	0.0050	0.0266
99	2035	ALT2	EB	NT	Ramp	0.11	0.15	3.17	0.41	1212	810	0.0087	0.0081	0.0034	0.0002	0.0015	0.0043	0.0007	0.0005	0.0001	0.0026	0.0139
100	2035	ALT2	EB	NT	Ramp	0.17	0.23	4.80	0.68	1879	1270	0.0147	0.0136	0.0053	0.0003	0.0029	0.0077	0.0011	0.0008	0.0001	0.0056	0.0298
101	2035	ALT2	EB	NT	Ramp	0.07	0.09	2.12	0.30	772	522	0.0058	0.0053	0.0021	0.0001	0.0011	0.0030	0.0004	0.0003	0.0001	0.0025	0.0111
102	2035	ALT2	EB	NT	Ramp	0.05	0.07	1.65	0.23	619	418	0.0047	0.0043	0.0017	0.0001	0.0009	0.0024	0.0004	0.0003	0.0000	0.0018	0.0090
103	2035	ALT2	EB	NT	Ramp	0.04	0.06	1.43	0.17	510	338	0.0033	0.0030	0.0014	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0009	0.0041
104	2035	ALT2	EB	NT	Ramp	0.09	0.13	2.08	0.28	929	621	0.0075	0.0070	0.0029	0.0001	0.0015	0.0040	0.0006	0.0005	0.0001	0.0020	0.0147
105	2035	ALT2	EB	NT	Ramp	0.07	0.10	1.79	0.22	733	486	0.0054	0.0050	0.0022	0.0001	0.0008	0.0024	0.0005	0.0004	0.0001	0.0012	0.0067
106	2035	ALT2	EB	NT	Ramp	0.03	0.04	0.41	0.05	242	160	0.0023	0.0021	0.0010	0.0000	0.0005	0.0013	0.0002	0.0002	0.0000	0.0003	0.0051
107	2035	ALT2	EB	NT	Ramp	0.14	0.21	3.08	0.40	1417	943	0.0115	0.0106	0.0046	0.0002	0.0023	0.0063	0.0010	0.0008	0.0001	0.0025	0.0228
108	2035	ALT2	EB	NT	Ramp	0.09	0.14	2.07	0.25	953	630	0.0075	0.0069	0.0031	0.0002	0.0013	0.0038	0.0007	0.0005	0.0001	0.0013	0.0123
109	2035	ALT2	EB	NT	Ramp	0.11	0.16	2.87	0.37	1190	793	0.0090	0.0083	0.0035	0.0002	0.0015	0.0042	0.0008	0.0006	0.0001	0.0023	0.0130
110	2035	ALT2	EB	NT	Ramp	0.12	0.18	2.83	0.41	1270	854	0.0106	0.0098	0.0040	0.0002	0.0022	0.0059	0.0008	0.0007	0.0001	0.0032	0.0231
111	2035	ALT2	EB	NT	Ramp	0.06	0.08	1.66	0.23	634	428	0.0049	0.0045	0.0018	0.0001	0.0010	0.0025	0.0004	0.0003	0.0000	0.0019	0.0097
112	2035	ALT2	EB	NT	Ramp	0.20	0.30	4.34	0.56	2020	1342	0.0163	0.0151	0.0067	0.0003	0.0032	0.0088	0.0014	0.0012	0.0002	0.0032	0.0315
113	2035	ALT2	EB	NT	Ramp	0.17	0.25	3.24	0.40	1606	1061	0.0133	0.0123	0.0056	0.0003	0.0026	0.0072	0.0012	0.0010	0.0001	0.0020	0.0249
114	2035	ALT2	EB	NT	Ramp	0.08	0.12	1.79	0.22	813	539	0.0064	0.0059	0.0026	0.0001	0.0012	0.0033	0.0006	0.0005	0.0001	0.0013	0.0108
115	2035	ALT2	EB	NT	Ramp																	
116	2035	ALT2	EB	NT	Ramp	0.02	0.03	0.56	0.07	242	161	0.0018	0.0017	0.0007	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0026
117	2035	ALT2	EB	NT	Ramp	0.06	0.09	1.59	0.22	687	462	0.0056	0.0052	0.0021	0.0001	0.0010	0.0028	0.0004	0.0003	0.0001	0.0017	0.0099
118	2035	ALT2	EB	NT	Ramp	0.07	0.10	1.78	0.21	766	504	0.0056	0.0052	0.0024	0.0001	0.0008	0.0024	0.0005	0.0004	0.0001	0.0009	0.0060
119	2035	ALT2	EB	NT	Ramp	0.08	0.12	2.25	0.30	930	622	0.0071	0.0066	0.0028	0.0001	0.0012	0.0034	0.0006	0.0005	0.0001	0.0020	0.0114

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
120	2035	ALT2	EB	NT	Ramp	0.07	0.10	1.69	0.19	724	477	0.0053	0.0049	0.0022	0.0001	0.0007	0.0023	0.0005	0.0004	0.0001	0.0008	0.0056
121	2035	ALT2	EB	NT	Ramp	0.13	0.19	4.31	0.62	1576	1069	0.0122	0.0112	0.0043	0.0002	0.0024	0.0063	0.0009	0.0006	0.0001	0.0055	0.0248
122	2035	ALT2	EB	NT	Ramp	1.15	1.65	30.58	4.13	12644	8476	0.0984	0.0910	0.0374	0.0018	0.0175	0.0483	0.0080	0.0061	0.0010	0.0298	0.1669
123	2035	ALT2	EB	NT	Ramp	0.64	0.88	17.69	2.94	7083	4882	0.0624	0.0577	0.0199	0.0009	0.0145	0.0354	0.0041	0.0028	0.0005	0.0313	0.1610
124	2035	ALT2	EB	NT	Ramp																	
125	2035	ALT2	EB	NT	Ramp	0.12	0.16	2.03	0.36	1016	697	0.0096	0.0089	0.0036	0.0002	0.0033	0.0077	0.0007	0.0005	0.0001	0.0036	0.0394
126	2035	ALT2	EB	NT	Ramp	0.07	0.10	1.22	0.15	621	410	0.0052	0.0049	0.0022	0.0001	0.0010	0.0029	0.0005	0.0004	0.0001	0.0007	0.0102
127	2035	ALT2	EB	NT	Ramp	0.21	0.30	2.97	0.46	1670	1120	0.0158	0.0146	0.0067	0.0003	0.0052	0.0125	0.0013	0.0011	0.0002	0.0032	0.0598
128	2035	ALT2	EB	NT	Ramp	0.04	0.06	0.84	0.09	413	269	0.0032	0.0030	0.0014	0.0001	0.0003	0.0012	0.0003	0.0003	0.0000	0.0002	0.0019
129	2035	ALT2	EB	NT	Ramp	0.15	0.21	3.07	0.46	1440	971	0.0124	0.0115	0.0048	0.0002	0.0031	0.0078	0.0010	0.0008	0.0001	0.0037	0.0336
130	2035	ALT2	EB	NT	Ramp	0.10	0.14	3.21	0.36	1182	780	0.0076	0.0070	0.0033	0.0002	0.0011	0.0034	0.0007	0.0005	0.0001	0.0016	0.0079
131	2035	ALT2	EB	NT	Ramp	0.12	0.17	3.08	0.51	1294	888	0.0114	0.0106	0.0038	0.0002	0.0026	0.0065	0.0008	0.0006	0.0001	0.0052	0.0287
132	2035	ALT2	EB	NT	Ramp	0.13	0.19	3.92	0.42	1483	973	0.0095	0.0088	0.0043	0.0002	0.0012	0.0039	0.0009	0.0007	0.0001	0.0014	0.0071
133	2035	ALT2	EB	NT	Ramp	0.15	0.22	3.79	0.53	1632	1096	0.0132	0.0122	0.0049	0.0002	0.0024	0.0065	0.0011	0.0008	0.0001	0.0040	0.0232
134	2035	ALT2	EB	NT	Ramp	0.54	0.77	17.32	2.00	6328	4183	0.0409	0.0378	0.0177	0.0009	0.0061	0.0186	0.0039	0.0028	0.0004	0.0093	0.0461
135	2035	ALT2	EB	NT	Ramp	0.16	0.24	3.47	0.52	1609	1087	0.0139	0.0129	0.0053	0.0002	0.0034	0.0086	0.0011	0.0008	0.0001	0.0043	0.0369
136	2035	ALT2	EB	NT	Ramp	0.05	0.08	1.01	0.11	503	329	0.0040	0.0037	0.0017	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0003	0.0036
137	2035	ALT2	EB	NT	Ramp	1.50	2.04	32.62	7.51	15285	10912	0.1691	0.1560	0.0451	0.0018	0.0482	0.1094	0.0087	0.0059	0.0013	0.1034	0.5848
138	2035	ALT2	EB	NT	Ramp																	
139	2035	ALT2	EB	NT	Ramp	0.10	0.14	2.08	0.24	969	639	0.0075	0.0070	0.0032	0.0002	0.0012	0.0036	0.0007	0.0006	0.0001	0.0011	0.0105
140	2035	ALT2	EB	NT	Ramp	0.24	0.37	3.79	0.46	2165	1421	0.0196	0.0182	0.0082	0.0004	0.0034	0.0097	0.0018	0.0016	0.0002	0.0017	0.0308
141	2035	ALT2	EB	NT	Ramp	0.04	0.06	1.37	0.15	496	326	0.0031	0.0028	0.0014	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0006	0.0027
142	2035	ALT2	EB	NT	Ramp	0.15	0.23	3.27	0.35	1542	1007	0.0117	0.0109	0.0051	0.0003	0.0014	0.0047	0.0011	0.0010	0.0001	0.0009	0.0085
143	2035	ALT2	EB	NT	Ramp	0.13	0.19	4.44	0.47	1599	1048	0.0096	0.0089	0.0045	0.0002	0.0012	0.0041	0.0010	0.0007	0.0001	0.0014	0.0069
144	2035	ALT2	EB	NT	HOV	0.19	0.27	6.34	0.62	2244	1458	0.0124	0.0115	0.0063	0.0003	0.0012	0.0048	0.0014	0.0010	0.0001	0.0007	0.0025
145	2035	ALT2	EB	NT	HOV	0.49	0.71	16.73	1.63	5925	3850	0.0328	0.0304	0.0166	0.0009	0.0031	0.0125	0.0037	0.0027	0.0004	0.0017	0.0066
146	2035	ALT2	EB	NT	HOV	0.02	0.03	0.72	0.07	255	166	0.0014	0.0013	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0003
147	2035	ALT2	EB	NT	HOV	0.42	0.60	14.15	1.38	5010	3255	0.0278	0.0257	0.0140	0.0008	0.0026	0.0106	0.0032	0.0023	0.0003	0.0015	0.0056
148	2035	ALT2	EB	NT	HOV	0.15	0.22	5.14	0.50	1821	1183	0.0101	0.0094	0.0051	0.0003	0.0010	0.0039	0.0012	0.0008	0.0001	0.0005	0.0020
149	2035	ALT2	EB	NT	HOV	0.25	0.36	8.48	0.83	3003	1951	0.0166	0.0154	0.0084	0.0004	0.0016	0.0064	0.0019	0.0014	0.0002	0.0009	0.0033
150	2035	ALT2	EB	NT	HOV	0.25	0.35	9.23	0.91	3024	1966	0.0148	0.0137	0.0082	0.0004	0.0016	0.0062	0.0019	0.0012	0.0002	0.0009	0.0032
151	2035	ALT2	EB	NT	HOV	0.33	0.47	12.46	1.23	4083	2654	0.0200	0.0185	0.0110	0.0006	0.0021	0.0084	0.0025	0.0017	0.0002	0.0013	0.0044
152	2035	ALT2	EB	NT	HOV	0.26	0.37	9.88	0.98	3238	2105	0.0158	0.0147	0.0087	0.0005	0.0017	0.0067	0.0020	0.0013	0.0002	0.0010	0.0035
153	2035	ALT2	EB	NT	HOV	0.07	0.10	2.60	0.28	867	564	0.0038	0.0035	0.0024	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0008
154	2035	ALT2	EB	NT	HOV	0.14	0.19	4.97	0.53	1658	1078	0.0072	0.0067	0.0046	0.0002	0.0009	0.0036	0.0011	0.0006	0.0001	0.0006	0.0015
155	2035	ALT2	EB	NT	HOV	0.11	0.14	3.69	0.40	1231	801	0.0054	0.0050	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0011
156	2035	ALT2	EB	NT	HOV	0.08	0.11	2.91	0.31	969	630	0.0042	0.0039	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0009
157	2035	ALT2	EB	NT	HOV	0.15	0.20	5.12	0.55	1705	1109	0.0075	0.0069	0.0048	0.0003	0.0009	0.0037	0.0011	0.0006	0.0001	0.0006	0.0016
158	2035	ALT2	EB	NT	HOV	0.17	0.23	5.90	0.63	1965	1278	0.0086	0.0080	0.0055	0.0003	0.0011	0.0042	0.0013	0.0007	0.0001	0.0007	0.0018
159	2035	ALT2	EB	NT	HOV	0.10	0.13	3.37	0.36	1124	731	0.0049	0.0046	0.0032	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0010
160	2035	ALT2	EB	NT	HOV	0.18	0.24	6.29	0.67	2096	1362	0.0092	0.0085	0.0059	0.0003	0.0012	0.0045	0.0013	0.0007	0.0001	0.0008	0.0019
161	2035	ALT2	EB	NT	HOV	0.10	0.14	3.78	0.40	1241	807	0.0055	0.0051	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0012
162	2035	ALT2	EB	NT	HOV	0.08	0.10	2.72	0.29	891	579	0.0040	0.0037	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0009
163	2035	ALT2	EB	NT	HOV	0.18	0.24	6.42	0.68	2109	1371	0.0094	0.0087	0.0058	0.0003	0.0011	0.0045	0.0013	0.0008	0.0001	0.0007	0.0020
164	2035	ALT2	EB	NT	HOV	0.02	0.02	0.64	0.07	211	137	0.0009	0.0009	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0002
165	2035	ALT2	EB	NT	HOV	0.08	0.11	3.01	0.32	988	642	0.0044	0.0041	0.0027	0.0001	0.0005	0.0021	0.0006	0.0004	0.0001	0.0003	0.0009
166	2035	ALT2	EB	NT	HOV	0.10	0.14	3.72	0.39	1220	793	0.0054	0.0050	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0012
167	2035	ALT2	EB	NT	HOV	0.07	0.10	2.62	0.28	861	560	0.0038	0.0035	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0008

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
168	2035	ALT2	EB	NT	HOV	0.05	0.06	1.71	0.18	560	364	0.0025	0.0023	0.0015	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0005
169	2035	ALT2	EB	NT	HOV	0.43	0.59	15.50	1.64	5087	3307	0.0226	0.0209	0.0140	0.0008	0.0027	0.0108	0.0032	0.0018	0.0003	0.0018	0.0049
170	2035	ALT2	EB	NT	HOV	0.31	0.42	11.20	1.18	3676	2390	0.0163	0.0151	0.0101	0.0005	0.0020	0.0078	0.0023	0.0013	0.0002	0.0013	0.0035
171	2035	ALT2	EB	NT	HOV	0.16	0.21	5.08	0.56	1757	1142	0.0075	0.0070	0.0051	0.0003	0.0010	0.0039	0.0012	0.0006	0.0001	0.0007	0.0015
172	2035	ALT2	EB	NT	HOV	0.09	0.12	2.98	0.33	1028	669	0.0044	0.0041	0.0030	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0009
173	2035	ALT2	EB	NT	HOV	0.16	0.22	5.29	0.58	1827	1188	0.0078	0.0073	0.0053	0.0003	0.0010	0.0041	0.0012	0.0006	0.0001	0.0007	0.0016
174	2035	ALT2	EB	NT	HOV	0.12	0.16	3.74	0.41	1293	841	0.0055	0.0051	0.0038	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0011
175	2035	ALT2	EB	NT	HOV	0.14	0.19	4.47	0.49	1545	1005	0.0066	0.0061	0.0045	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0006	0.0013
176	2035	ALT2	EB	NT	HOV	0.12	0.16	3.91	0.43	1351	879	0.0058	0.0054	0.0039	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0012
177	2035	ALT2	EB	NT	HOV	0.17	0.22	5.32	0.59	1838	1195	0.0079	0.0073	0.0054	0.0003	0.0011	0.0041	0.0012	0.0006	0.0001	0.0007	0.0016
178	2035	ALT2	EB	NT	HOV	0.08	0.11	2.58	0.28	892	580	0.0038	0.0035	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0008
179	2035	ALT2	EB	NT	HOV	0.10	0.13	3.09	0.34	1069	695	0.0046	0.0042	0.0031	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0009
180	2035	ALT2	EB	NT	HOV	0.13	0.17	4.17	0.46	1440	936	0.0062	0.0057	0.0042	0.0002	0.0008	0.0032	0.0010	0.0005	0.0001	0.0005	0.0012
181	2035	ALT2	EB	NT	HOV	0.21	0.29	7.92	0.80	2570	1671	0.0120	0.0112	0.0069	0.0004	0.0013	0.0053	0.0016	0.0010	0.0001	0.0008	0.0027
182	2035	ALT2	EB	NT	HOV	0.20	0.27	7.42	0.75	2408	1565	0.0113	0.0105	0.0065	0.0003	0.0013	0.0050	0.0015	0.0009	0.0001	0.0008	0.0025
183	2035	ALT2	EB	NT	HOV	0.14	0.20	5.38	0.54	1746	1135	0.0082	0.0076	0.0047	0.0003	0.0009	0.0036	0.0011	0.0007	0.0001	0.0006	0.0018
184	2035	ALT2	EB	NT	HOV	0.05	0.07	1.86	0.19	604	393	0.0028	0.0026	0.0016	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0006
185	2035	ALT2	EB	NT	HOV	0.16	0.23	6.15	0.62	1997	1298	0.0094	0.0087	0.0054	0.0003	0.0010	0.0041	0.0012	0.0008	0.0001	0.0006	0.0021
186	2035	ALT2	EB	NT	HOV	0.06	0.09	2.43	0.25	789	513	0.0037	0.0034	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0008
187	2035	ALT2	EB	NT	HOV	0.10	0.14	3.85	0.39	1248	811	0.0058	0.0054	0.0034	0.0002	0.0007	0.0026	0.0008	0.0005	0.0001	0.0004	0.0013
188	2035	ALT2	EB	NT	HOV	0.04	0.06	1.68	0.17	544	354	0.0025	0.0024	0.0015	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0006
189	2035	ALT2	EB	NT	HOV	0.13	0.18	4.94	0.50	1603	1042	0.0075	0.0070	0.0043	0.0002	0.0008	0.0033	0.0010	0.0006	0.0001	0.0005	0.0017
190	2035	ALT2	EB	NT	HOV	0.01	0.01	0.26	0.03	85	55	0.0004	0.0004	0.0002	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
191	2035	ALT2	EB	NT	HOV	0.15	0.21	4.89	0.54	1701	1106	0.0073	0.0067	0.0050	0.0003	0.0010	0.0038	0.0011	0.0006	0.0001	0.0006	0.0015
192	2035	ALT2	EB	NT	HOV	0.01	0.02	0.39	0.04	136	88	0.0006	0.0005	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
193	2035	ALT2	EB	NT	HOV	0.24	0.32	7.61	0.84	2645	1720	0.0113	0.0105	0.0078	0.0004	0.0015	0.0060	0.0018	0.0009	0.0001	0.0010	0.0023
194	2035	ALT2	EB	NT	HOV	0.03	0.04	0.89	0.10	308	200	0.0013	0.0012	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0003
195	2035	ALT2	EB	NT	HOV	0.03	0.04	1.05	0.12	364	237	0.0016	0.0014	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
196	2035	ALT2	EB	NT	HOV	0.03	0.04	0.88	0.10	305	198	0.0013	0.0012	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0003
197	2035	ALT2	EB	NT	HOV	0.16	0.21	5.10	0.57	1773	1153	0.0076	0.0070	0.0052	0.0003	0.0010	0.0040	0.0012	0.0006	0.0001	0.0007	0.0015
198	2035	ALT2	EB	NT	HOV	0.07	0.10	2.28	0.25	793	516	0.0034	0.0031	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0007
199	2035	ALT2	EB	NT	HOV	0.15	0.21	5.51	0.57	1793	1165	0.0081	0.0075	0.0049	0.0003	0.0010	0.0037	0.0011	0.0007	0.0001	0.0006	0.0018
200	2035	ALT2	EB	NT	HOV	0.08	0.11	2.84	0.29	923	600	0.0042	0.0039	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0009
201	2035	ALT2	EB	NT	HOV	0.29	0.40	10.78	1.12	3507	2280	0.0159	0.0147	0.0096	0.0005	0.0019	0.0073	0.0022	0.0013	0.0002	0.0012	0.0035
202	2035	ALT2	EB	NT	HOV	0.07	0.09	2.50	0.26	814	529	0.0037	0.0034	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0008
203	2035	ALT2	EB	NT	HOV	0.31	0.43	11.48	1.19	3734	2427	0.0169	0.0157	0.0102	0.0005	0.0020	0.0078	0.0023	0.0014	0.0002	0.0013	0.0037
204	2035	ALT2	EB	NT	HOV	0.07	0.09	2.45	0.25	797	518	0.0036	0.0034	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0008
205	2035	ALT2	EB	NT	HOV	0.15	0.20	5.47	0.56	1775	1154	0.0081	0.0075	0.0048	0.0003	0.0009	0.0037	0.0011	0.0007	0.0001	0.0006	0.0018
206	2035	ALT2	EB	NT	HOV	0.07	0.09	2.46	0.25	800	520	0.0036	0.0034	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0008
207	2035	ALT2	EB	NT	HOV	0.24	0.33	8.98	0.92	2916	1895	0.0133	0.0123	0.0079	0.0004	0.0015	0.0061	0.0018	0.0011	0.0002	0.0010	0.0029
208	2035	ALT2	EB	NT	HOV	0.07	0.10	2.77	0.29	900	585	0.0041	0.0038	0.0024	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0009
209	2035	ALT2	EB	NT	HOV	0.02	0.03	0.71	0.07	230	149	0.0010	0.0010	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0002
210	2035	ALT2	EB	NT	HOV	0.27	0.39	9.51	0.93	3284	2134	0.0176	0.0163	0.0091	0.0005	0.0017	0.0069	0.0021	0.0015	0.0002	0.0010	0.0036
211	2035	ALT2	EB	NT	HOV	0.19	0.27	6.56	0.64	2265	1472	0.0121	0.0113	0.0063	0.0003	0.0012	0.0047	0.0014	0.0010	0.0001	0.0007	0.0025
212	2035	ALT2	EB	NT	HOV	0.50	0.72	17.56	1.72	6064	3940	0.0325	0.0301	0.0167	0.0009	0.0032	0.0127	0.0038	0.0027	0.0004	0.0018	0.0067
213	2035	ALT2	EB	NT	HOV	0.29	0.41	10.11	0.99	3489	2268	0.0187	0.0173	0.0096	0.0005	0.0018	0.0073	0.0022	0.0016	0.0002	0.0010	0.0039
214	2035	ALT2	EB	NT	HOV																	
215	2035	ALT2	EB	NT	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
216	2035	ALT2	WB	AM	Mainline	0.89	1.17	24.65	4.32	9863	6799	0.1041	0.0960	0.0277	0.0013	0.0153	0.0400	0.0060	0.0029	0.0007	0.0718	0.1489
217	2035	ALT2	WB	AM	Mainline	1.56	2.05	44.62	7.91	17624	12203	0.1876	0.1730	0.0483	0.0023	0.0292	0.0745	0.0103	0.0052	0.0013	0.1303	0.2964
218	2035	ALT2	WB	AM	Mainline	1.13	1.46	30.46	5.38	12302	8477	0.1314	0.1212	0.0349	0.0017	0.0189	0.0496	0.0075	0.0037	0.0009	0.0911	0.1818
219	2035	ALT2	WB	AM	Mainline	1.56	2.08	48.66	8.13	18206	12586	0.1700	0.1569	0.0484	0.0022	0.0326	0.0809	0.0101	0.0058	0.0013	0.1063	0.3478
220	2035	ALT2	WB	AM	Mainline	0.85	1.12	24.87	4.21	9625	6628	0.0958	0.0884	0.0264	0.0013	0.0151	0.0390	0.0056	0.0029	0.0007	0.0639	0.1493
221	2035	ALT2	WB	AM	Mainline	0.77	1.02	23.95	3.97	8932	6168	0.0825	0.0761	0.0237	0.0011	0.0158	0.0394	0.0050	0.0028	0.0006	0.0511	0.1685
222	2035	ALT2	WB	AM	Mainline	0.85	1.12	25.28	4.24	9687	6668	0.0945	0.0872	0.0264	0.0013	0.0153	0.0395	0.0056	0.0029	0.0007	0.0620	0.1534
223	2035	ALT2	WB	AM	Mainline	0.40	0.53	12.55	2.05	4678	3218	0.0430	0.0397	0.0125	0.0006	0.0077	0.0195	0.0027	0.0015	0.0003	0.0268	0.0786
224	2035	ALT2	WB	AM	Mainline	0.49	0.64	14.22	2.09	5355	3606	0.0424	0.0392	0.0153	0.0008	0.0062	0.0178	0.0034	0.0017	0.0003	0.0235	0.0501
225	2035	ALT2	WB	AM	Mainline	0.31	0.41	8.97	1.34	3425	2307	0.0277	0.0256	0.0099	0.0005	0.0040	0.0115	0.0022	0.0011	0.0002	0.0157	0.0320
226	2035	ALT2	WB	AM	Mainline	1.52	1.98	38.30	5.91	15514	10446	0.1333	0.1231	0.0479	0.0025	0.0179	0.0527	0.0107	0.0049	0.0010	0.0790	0.1322
227	2035	ALT2	WB	AM	Mainline	0.60	0.78	15.05	2.26	6078	4077	0.0496	0.0458	0.0190	0.0010	0.0067	0.0201	0.0042	0.0019	0.0004	0.0281	0.0464
228	2035	ALT2	WB	AM	Mainline	0.33	0.42	8.13	1.22	3289	2206	0.0269	0.0248	0.0103	0.0005	0.0036	0.0109	0.0023	0.0010	0.0002	0.0152	0.0250
229	2035	ALT2	WB	AM	Mainline	1.74	2.31	53.92	7.75	19782	13325	0.1526	0.1410	0.0551	0.0027	0.0233	0.0659	0.0121	0.0063	0.0012	0.0823	0.1950
230	2035	ALT2	WB	AM	Mainline	0.45	0.59	12.51	1.89	4862	3274	0.0399	0.0368	0.0143	0.0007	0.0056	0.0162	0.0032	0.0015	0.0003	0.0228	0.0436
231	2035	ALT2	WB	AM	Mainline	0.45	0.60	13.39	2.00	5042	3405	0.0412	0.0381	0.0143	0.0007	0.0061	0.0172	0.0031	0.0016	0.0003	0.0236	0.0515
232	2035	ALT2	WB	AM	Mainline	0.49	0.64	12.82	2.01	5133	3468	0.0453	0.0418	0.0155	0.0008	0.0062	0.0178	0.0034	0.0016	0.0003	0.0275	0.0487
233	2035	ALT2	WB	AM	Mainline	1.44	1.92	46.22	6.89	16730	11363	0.1356	0.1252	0.0451	0.0022	0.0231	0.0616	0.0097	0.0054	0.0011	0.0754	0.2188
234	2035	ALT2	WB	AM	Mainline	0.23	0.31	6.84	1.05	2600	1762	0.0223	0.0206	0.0073	0.0004	0.0033	0.0092	0.0016	0.0008	0.0002	0.0133	0.0291
235	2035	ALT2	WB	AM	Mainline	0.89	1.18	27.88	4.22	10235	6957	0.0854	0.0789	0.0279	0.0014	0.0141	0.0377	0.0060	0.0033	0.0007	0.0492	0.1319
236	2035	ALT2	WB	AM	Mainline	0.60	0.79	18.39	2.77	6823	4626	0.0567	0.0524	0.0189	0.0009	0.0089	0.0242	0.0041	0.0021	0.0004	0.0328	0.0795
237	2035	ALT2	WB	AM	Mainline	1.07	1.39	26.76	4.51	11068	7541	0.1111	0.1025	0.0335	0.0017	0.0148	0.0411	0.0074	0.0034	0.0008	0.0737	0.1247
238	2035	ALT2	WB	AM	Mainline	0.33	0.43	8.44	1.41	3455	2354	0.0342	0.0315	0.0104	0.0005	0.0046	0.0128	0.0023	0.0011	0.0002	0.0225	0.0392
239	2035	ALT2	WB	AM	Mainline	0.29	0.38	7.55	1.25	3073	2093	0.0301	0.0277	0.0092	0.0005	0.0041	0.0113	0.0020	0.0009	0.0002	0.0196	0.0348
240	2035	ALT2	WB	AM	Mainline	0.37	0.47	9.50	1.54	3829	2599	0.0357	0.0329	0.0114	0.0006	0.0049	0.0137	0.0025	0.0012	0.0003	0.0226	0.0404
241	2035	ALT2	WB	AM	Mainline	1.28	1.67	34.16	5.62	13691	9322	0.1310	0.1209	0.0401	0.0020	0.0182	0.0503	0.0088	0.0042	0.0009	0.0846	0.1577
242	2035	ALT2	WB	AM	Mainline	0.09	0.12	2.31	0.38	952	647	0.0093	0.0086	0.0029	0.0001	0.0012	0.0035	0.0006	0.0003	0.0001	0.0061	0.0102
243	2035	ALT2	WB	AM	Mainline	1.10	1.43	29.20	4.82	11712	7980	0.1130	0.1042	0.0343	0.0017	0.0157	0.0432	0.0075	0.0036	0.0008	0.0733	0.1370
244	2035	ALT2	WB	AM	Mainline	0.18	0.23	4.34	0.72	1798	1223	0.0177	0.0164	0.0055	0.0003	0.0023	0.0066	0.0012	0.0006	0.0001	0.0116	0.0194
245	2035	ALT2	WB	AM	Mainline	1.04	1.35	27.53	4.57	11059	7541	0.1076	0.0993	0.0323	0.0016	0.0150	0.0411	0.0071	0.0034	0.0008	0.0703	0.1313
246	2035	ALT2	WB	AM	Mainline	0.84	1.09	20.99	3.49	8655	5886	0.0850	0.0784	0.0263	0.0013	0.0113	0.0317	0.0058	0.0027	0.0006	0.0555	0.0936
247	2035	ALT2	WB	AM	Mainline	1.05	1.37	27.94	4.65	11238	7664	0.1097	0.1012	0.0329	0.0016	0.0152	0.0418	0.0072	0.0034	0.0008	0.0717	0.1337
248	2035	ALT2	WB	AM	Mainline	0.35	0.46	9.05	1.47	3671	2491	0.0345	0.0319	0.0110	0.0006	0.0047	0.0132	0.0024	0.0011	0.0003	0.0220	0.0385
249	2035	ALT2	WB	AM	Mainline	1.15	1.49	28.45	4.72	11772	8000	0.1151	0.1062	0.0360	0.0018	0.0152	0.0430	0.0080	0.0036	0.0008	0.0750	0.1244
250	2035	ALT2	WB	AM	Mainline	1.79	2.32	46.35	7.56	18734	12727	0.1774	0.1637	0.0559	0.0028	0.0242	0.0678	0.0123	0.0058	0.0013	0.1134	0.2025
251	2035	ALT2	WB	AM	Mainline	1.32	1.73	36.75	5.90	14385	9786	0.1324	0.1221	0.0413	0.0021	0.0190	0.0524	0.0090	0.0044	0.0010	0.0833	0.1674
252	2035	ALT2	WB	AM	Mainline	1.11	1.44	29.63	4.73	11785	7992	0.1074	0.0991	0.0347	0.0017	0.0149	0.0419	0.0077	0.0037	0.0008	0.0669	0.1244
253	2035	ALT2	WB	AM	Mainline	0.79	1.03	21.22	3.39	8440	5724	0.0769	0.0710	0.0249	0.0013	0.0107	0.0300	0.0055	0.0026	0.0006	0.0479	0.0891
254	2035	ALT2	WB	AM	Mainline	0.77	1.00	20.46	3.27	8137	5518	0.0742	0.0684	0.0240	0.0012	0.0103	0.0289	0.0053	0.0025	0.0005	0.0462	0.0859
255	2035	ALT2	WB	AM	Mainline	1.26	1.65	35.39	5.69	13816	9406	0.1277	0.1178	0.0395	0.0020	0.0185	0.0507	0.0086	0.0043	0.0009	0.0806	0.1648
256	2035	ALT2	WB	AM	Mainline	0.83	1.08	22.19	3.53	8800	5967	0.0798	0.0737	0.0259	0.0013	0.0111	0.0312	0.0057	0.0027	0.0006	0.0496	0.0928
257	2035	ALT2	WB	AM	Mainline	1.00	1.32	29.49	4.57	11197	7607	0.0978	0.0903	0.0314	0.0015	0.0148	0.0404	0.0069	0.0035	0.0007	0.0592	0.1319
258	2035	ALT2	WB	AM	Mainline	1.00	1.30	26.06	4.11	10432	7055	0.0931	0.0859	0.0313	0.0016	0.0127	0.0364	0.0069	0.0033	0.0007	0.0570	0.1017
259	2035	ALT2	WB	AM	Mainline	1.49	1.94	37.97	6.02	15385	10402	0.1389	0.1282	0.0469	0.0024	0.0187	0.0539	0.0104	0.0048	0.0010	0.0856	0.1469
260	2035	ALT2	WB	AM	Mainline	0.94	1.22	25.51	3.97	10020	6776	0.0873	0.0806	0.0294	0.0015	0.0122	0.0347	0.0065	0.0031	0.0007	0.0526	0.0996
261	2035	ALT2	WB	AM	Mainline	1.12	1.47	31.26	4.87	12154	8231	0.1062	0.0980	0.0352	0.0018	0.0152	0.0426	0.0077	0.0038	0.0008	0.0641	0.1274
262	2035	ALT2	WB	AM	Mainline	3.03	3.94	80.32	12.60	31912	21580	0.2819	0.2602	0.0949	0.0048	0.0389	0.1111	0.0210	0.0100	0.0021	0.1714	0.3135
263	2035	ALT2	WB	AM	Mainline	1.39	1.83	41.17	6.21	15502	10491	0.1294	0.1194	0.0437	0.0022	0.0194	0.0540	0.0096	0.0049	0.0010	0.0753	0.1676

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
264	2035	ALT2	WB	AM	Mainline	0.53	0.72	17.72	2.55	6299	4275	0.0488	0.0451	0.0168	0.0008	0.0090	0.0237	0.0036	0.0021	0.0004	0.0250	0.0878
265	2035	ALT2	WB	AM	Mainline	0.28	0.37	8.54	1.30	3189	2163	0.0269	0.0248	0.0088	0.0004	0.0042	0.0114	0.0019	0.0010	0.0002	0.0158	0.0372
266	2035	ALT2	WB	AM	Mainline	1.00	1.32	29.34	4.55	11173	7587	0.0976	0.0901	0.0315	0.0016	0.0146	0.0401	0.0069	0.0035	0.0007	0.0591	0.1298
267	2035	ALT2	WB	AM	Mainline	0.29	0.39	9.29	1.36	3364	2278	0.0267	0.0247	0.0091	0.0004	0.0044	0.0120	0.0020	0.0011	0.0002	0.0146	0.0404
268	2035	ALT2	WB	AM	Mainline	0.06	0.08	1.53	0.24	615	415	0.0054	0.0050	0.0019	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0033	0.0057
269	2035	ALT2	WB	AM	Mainline	1.26	1.68	40.23	5.93	14622	9907	0.1173	0.1083	0.0398	0.0020	0.0192	0.0522	0.0086	0.0047	0.0009	0.0649	0.1765
270	2035	ALT2	WB	AM	Mainline	0.54	0.72	16.69	2.56	6194	4214	0.0529	0.0489	0.0170	0.0008	0.0085	0.0228	0.0037	0.0019	0.0004	0.0313	0.0795
271	2035	ALT2	WB	AM	Mainline	0.78	1.04	24.81	3.80	9077	6186	0.0767	0.0708	0.0245	0.0012	0.0131	0.0345	0.0053	0.0029	0.0006	0.0445	0.1265
272	2035	ALT2	WB	AM	Mainline	0.56	0.75	17.98	2.75	6551	4468	0.0550	0.0508	0.0176	0.0008	0.0097	0.0253	0.0038	0.0021	0.0004	0.0315	0.0949
273	2035	ALT2	WB	AM	Mainline	0.58	0.76	16.57	2.64	6389	4352	0.0584	0.0539	0.0180	0.0009	0.0087	0.0236	0.0039	0.0020	0.0004	0.0366	0.0788
274	2035	ALT2	WB	AM	Mainline	0.67	0.87	18.39	3.01	7263	4950	0.0689	0.0635	0.0209	0.0010	0.0098	0.0269	0.0046	0.0022	0.0005	0.0443	0.0875
275	2035	ALT2	WB	AM	Mainline	1.26	1.63	32.04	5.24	13047	8862	0.1245	0.1148	0.0393	0.0020	0.0168	0.0473	0.0087	0.0040	0.0009	0.0799	0.1390
276	2035	ALT2	WB	AM	Mainline	0.35	0.45	8.50	1.41	3542	2404	0.0346	0.0319	0.0110	0.0006	0.0045	0.0129	0.0024	0.0011	0.0002	0.0225	0.0362
277	2035	ALT2	WB	AM	Mainline	0.72	0.94	18.22	3.04	7489	5098	0.0739	0.0682	0.0226	0.0011	0.0099	0.0276	0.0050	0.0023	0.0005	0.0485	0.0833
278	2035	ALT2	WB	AM	Mainline	0.37	0.48	9.19	1.60	3851	2633	0.0407	0.0376	0.0117	0.0006	0.0053	0.0147	0.0026	0.0012	0.0003	0.0279	0.0463
279	2035	ALT2	WB	AM	Mainline	0.66	0.86	18.07	3.06	7213	4940	0.0722	0.0666	0.0206	0.0010	0.0103	0.0277	0.0045	0.0022	0.0005	0.0481	0.0951
280	2035	ALT2	WB	AM	Mainline	0.69	0.90	18.66	3.14	7487	5118	0.0744	0.0686	0.0216	0.0011	0.0104	0.0283	0.0047	0.0023	0.0005	0.0493	0.0941
281	2035	ALT2	WB	AM	Mainline	0.49	0.65	14.85	2.34	5591	3815	0.0500	0.0462	0.0154	0.0007	0.0079	0.0210	0.0033	0.0017	0.0004	0.0308	0.0745
282	2035	ALT2	WB	AM	Mainline	0.74	0.97	21.05	3.41	8175	5578	0.0766	0.0706	0.0231	0.0011	0.0113	0.0306	0.0050	0.0025	0.0006	0.0488	0.1038
283	2035	ALT2	WB	AM	Mainline	0.67	0.89	20.20	3.19	7639	5210	0.0686	0.0633	0.0211	0.0010	0.0106	0.0285	0.0046	0.0024	0.0005	0.0425	0.0994
284	2035	ALT2	WB	AM	Mainline	0.83	1.11	26.56	4.04	9677	6591	0.0808	0.0746	0.0261	0.0013	0.0139	0.0366	0.0056	0.0031	0.0006	0.0463	0.1341
285	2035	ALT2	WB	AM	Mainline	0.61	0.80	18.08	2.79	6831	4641	0.0593	0.0548	0.0191	0.0009	0.0090	0.0246	0.0042	0.0021	0.0004	0.0357	0.0812
286	2035	ALT2	WB	AM	Mainline	0.52	0.69	15.87	2.42	5909	4016	0.0503	0.0465	0.0163	0.0008	0.0079	0.0215	0.0035	0.0019	0.0004	0.0297	0.0727
287	2035	ALT2	WB	AM	Mainline	0.96	1.26	27.23	4.31	10560	7176	0.0951	0.0877	0.0302	0.0015	0.0138	0.0381	0.0066	0.0033	0.0007	0.0588	0.1213
288	2035	ALT2	WB	AM	Mainline	0.11	0.14	3.03	0.47	1174	794	0.0101	0.0093	0.0034	0.0002	0.0014	0.0041	0.0007	0.0004	0.0001	0.0060	0.0120
289	2035	ALT2	WB	AM	Mainline	1.06	1.40	32.90	4.88	12101	8193	0.0983	0.0907	0.0333	0.0016	0.0155	0.0426	0.0073	0.0038	0.0008	0.0555	0.1389
290	2035	ALT2	WB	AM	Ramp	0.09	0.13	3.17	0.35	1090	717	0.0063	0.0058	0.0030	0.0002	0.0009	0.0028	0.0007	0.0005	0.0001	0.0012	0.0053
291	2035	ALT2	WB	AM	Ramp	0.05	0.08	1.63	0.17	611	401	0.0039	0.0036	0.0017	0.0001	0.0005	0.0016	0.0004	0.0003	0.0000	0.0006	0.0029
292	2035	ALT2	WB	AM	Ramp	0.01	0.02	0.49	0.05	169	111	0.0010	0.0009	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0002	0.0008
293	2035	ALT2	WB	AM	Ramp	0.13	0.20	2.06	0.25	1164	764	0.0104	0.0097	0.0044	0.0002	0.0017	0.0051	0.0009	0.0008	0.0001	0.0009	0.0158
294	2035	ALT2	WB	AM	Ramp	0.05	0.07	1.34	0.15	557	367	0.0040	0.0037	0.0017	0.0001	0.0005	0.0016	0.0004	0.0003	0.0000	0.0006	0.0034
295	2035	ALT2	WB	AM	Ramp	0.08	0.12	1.45	0.18	740	489	0.0063	0.0058	0.0027	0.0001	0.0013	0.0035	0.0006	0.0005	0.0001	0.0009	0.0126
296	2035	ALT2	WB	AM	Ramp	0.04	0.06	0.83	0.11	393	261	0.0032	0.0029	0.0013	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0006	0.0062
297	2035	ALT2	WB	AM	Ramp	0.91	1.23	19.39	4.71	9213	6625	0.1055	0.0973	0.0271	0.0011	0.0309	0.0694	0.0051	0.0035	0.0008	0.0673	0.3791
298	2035	ALT2	WB	AM	Ramp	0.00	0.01	0.15	0.02	55	36	0.0003	0.0003	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002
299	2035	ALT2	WB	AM	Ramp	0.04	0.05	1.19	0.13	423	278	0.0025	0.0023	0.0012	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0004	0.0020
300	2035	ALT2	WB	AM	Ramp	0.34	0.48	11.25	1.22	4000	2626	0.0240	0.0222	0.0111	0.0006	0.0031	0.0104	0.0025	0.0018	0.0003	0.0040	0.0190
301	2035	ALT2	WB	AM	Ramp	0.08	0.12	1.77	0.24	824	550	0.0068	0.0063	0.0027	0.0001	0.0015	0.0039	0.0006	0.0005	0.0001	0.0016	0.0152
302	2035	ALT2	WB	AM	Ramp	0.05	0.08	1.15	0.13	548	360	0.0043	0.0040	0.0018	0.0001	0.0007	0.0020	0.0004	0.0003	0.0000	0.0005	0.0057
303	2035	ALT2	WB	AM	Ramp	0.02	0.02	0.41	0.07	168	117	0.0016	0.0014	0.0005	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0008	0.0043
304	2035	ALT2	WB	AM	Ramp	0.07	0.11	1.25	0.15	674	442	0.0058	0.0054	0.0025	0.0001	0.0009	0.0028	0.0005	0.0005	0.0001	0.0005	0.0083
305	2035	ALT2	WB	AM	Ramp	0.04	0.05	1.03	0.14	412	278	0.0032	0.0030	0.0012	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0012	0.0063
306	2035	ALT2	WB	AM	Ramp	0.08	0.11	1.54	0.16	756	493	0.0059	0.0055	0.0026	0.0001	0.0006	0.0022	0.0006	0.0005	0.0001	0.0003	0.0034
307	2035	ALT2	WB	AM	Ramp	0.04	0.05	0.68	0.09	334	222	0.0028	0.0026	0.0012	0.0001	0.0006	0.0016	0.0002	0.0002	0.0000	0.0005	0.0060
308	2035	ALT2	WB	AM	Ramp	0.11	0.16	1.90	0.24	991	655	0.0085	0.0079	0.0036	0.0002	0.0017	0.0047	0.0008	0.0007	0.0001	0.0012	0.0170
309	2035	ALT2	WB	AM	Ramp	0.03	0.04	0.56	0.10	277	190	0.0026	0.0024	0.0010	0.0000	0.0009	0.0021	0.0002	0.0001	0.0000	0.0010	0.0105
310	2035	ALT2	WB	AM	Ramp	0.28	0.41	6.95	0.89	3022	2011	0.0235	0.0217	0.0094	0.0005	0.0040	0.0114	0.0020	0.0016	0.0002	0.0054	0.0369
311	2035	ALT2	WB	AM	Ramp	0.06	0.09	1.25	0.18	589	395	0.0050	0.0046	0.0020	0.0001	0.0012	0.0030	0.0004	0.0003	0.0001	0.0013	0.0125

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
312	2035	ALT2	WB	AM	Ramp	0.02	0.03	0.71	0.08	275	182	0.0019	0.0018	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0023
313	2035	ALT2	WB	AM	Ramp	0.17	0.23	5.46	0.69	1968	1315	0.0135	0.0125	0.0054	0.0003	0.0024	0.0066	0.0012	0.0008	0.0001	0.0045	0.0212
314	2035	ALT2	WB	AM	Ramp	0.07	0.11	1.63	0.17	737	482	0.0055	0.0051	0.0024	0.0001	0.0007	0.0022	0.0005	0.0004	0.0001	0.0005	0.0043
315	2035	ALT2	WB	AM	Ramp	0.06	0.09	1.47	0.19	645	429	0.0050	0.0047	0.0020	0.0001	0.0009	0.0025	0.0004	0.0003	0.0001	0.0011	0.0081
316	2035	ALT2	WB	AM	Ramp	0.02	0.03	0.68	0.08	267	177	0.0019	0.0017	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0005	0.0025
317	2035	ALT2	WB	AM	Ramp	0.04	0.06	0.88	0.12	400	268	0.0033	0.0030	0.0013	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0009	0.0070
318	2035	ALT2	WB	AM	Ramp	0.02	0.03	0.66	0.07	246	162	0.0016	0.0015	0.0007	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0003	0.0015
319	2035	ALT2	WB	AM	Ramp	0.07	0.10	1.67	0.20	725	479	0.0054	0.0050	0.0023	0.0001	0.0008	0.0025	0.0005	0.0004	0.0001	0.0010	0.0070
320	2035	ALT2	WB	AM	Ramp	0.03	0.04	0.81	0.10	332	220	0.0024	0.0022	0.0010	0.0001	0.0004	0.0011	0.0002	0.0002	0.0000	0.0005	0.0028
321	2035	ALT2	WB	AM	Ramp	0.08	0.12	1.82	0.21	847	558	0.0066	0.0061	0.0028	0.0001	0.0010	0.0031	0.0006	0.0005	0.0001	0.0009	0.0086
322	2035	ALT2	WB	AM	Ramp	0.06	0.09	1.01	0.13	551	365	0.0049	0.0046	0.0021	0.0001	0.0012	0.0031	0.0004	0.0004	0.0001	0.0007	0.0122
323	2035	ALT2	WB	AM	Ramp	0.09	0.12	2.68	0.36	1016	683	0.0075	0.0069	0.0029	0.0001	0.0014	0.0038	0.0006	0.0004	0.0001	0.0026	0.0134
324	2035	ALT2	WB	AM	Ramp	0.02	0.03	0.67	0.10	260	176	0.0020	0.0019	0.0007	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0008	0.0042
325	2035	ALT2	WB	AM	Ramp	0.21	0.31	4.51	0.55	2087	1381	0.0165	0.0153	0.0069	0.0003	0.0029	0.0084	0.0015	0.0012	0.0002	0.0028	0.0271
326	2035	ALT2	WB	AM	Ramp	0.05	0.07	1.29	0.15	517	342	0.0037	0.0034	0.0015	0.0001	0.0005	0.0016	0.0003	0.0003	0.0000	0.0008	0.0044
327	2035	ALT2	WB	AM	Ramp	0.13	0.20	2.53	0.31	1262	832	0.0104	0.0097	0.0044	0.0002	0.0019	0.0054	0.0010	0.0008	0.0001	0.0014	0.0174
328	2035	ALT2	WB	AM	Ramp	0.02	0.03	0.72	0.08	268	177	0.0018	0.0016	0.0008	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0004	0.0020
329	2035	ALT2	WB	AM	Ramp	0.07	0.10	1.61	0.19	706	466	0.0053	0.0049	0.0022	0.0001	0.0008	0.0024	0.0005	0.0004	0.0001	0.0009	0.0064
330	2035	ALT2	WB	AM	Ramp	0.01	0.02	0.45	0.06	168	113	0.0012	0.0011	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0020
331	2035	ALT2	WB	AM	Ramp	0.10	0.14	3.07	0.37	1147	762	0.0078	0.0072	0.0032	0.0002	0.0013	0.0037	0.0007	0.0005	0.0001	0.0021	0.0107
332	2035	ALT2	WB	AM	Ramp	0.02	0.03	0.80	0.11	285	192	0.0020	0.0019	0.0008	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0008	0.0037
333	2035	ALT2	WB	AM	Ramp	0.07	0.09	2.06	0.26	761	508	0.0053	0.0049	0.0021	0.0001	0.0009	0.0026	0.0005	0.0003	0.0001	0.0017	0.0083
334	2035	ALT2	WB	AM	Ramp	0.05	0.07	1.41	0.18	536	358	0.0039	0.0036	0.0015	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0012	0.0064
335	2035	ALT2	WB	AM	Ramp	0.11	0.15	3.23	0.40	1223	815	0.0086	0.0079	0.0035	0.0002	0.0014	0.0041	0.0008	0.0005	0.0001	0.0024	0.0126
336	2035	ALT2	WB	AM	Ramp	0.10	0.14	2.60	0.40	1075	731	0.0090	0.0083	0.0031	0.0001	0.0019	0.0049	0.0007	0.0005	0.0001	0.0036	0.0200
337	2035	ALT2	WB	AM	Ramp	0.02	0.03	0.52	0.10	208	146	0.0020	0.0018	0.0006	0.0000	0.0005	0.0011	0.0001	0.0001	0.0000	0.0012	0.0055
338	2035	ALT2	WB	AM	Ramp	0.03	0.04	0.86	0.13	333	227	0.0027	0.0025	0.0009	0.0000	0.0006	0.0014	0.0002	0.0001	0.0000	0.0012	0.0059
339	2035	ALT2	WB	AM	Ramp	0.11	0.15	3.63	0.50	1281	864	0.0095	0.0087	0.0034	0.0002	0.0016	0.0045	0.0007	0.0004	0.0001	0.0046	0.0151
340	2035	ALT2	WB	AM	Ramp	0.45	0.64	13.44	1.67	5121	3410	0.0360	0.0333	0.0145	0.0007	0.0060	0.0172	0.0032	0.0023	0.0004	0.0100	0.0526
341	2035	ALT2	WB	AM	Ramp	0.38	0.55	10.23	1.42	4235	2847	0.0335	0.0310	0.0125	0.0006	0.0062	0.0168	0.0027	0.0020	0.0003	0.0109	0.0608
342	2035	ALT2	WB	AM	Ramp	0.09	0.13	2.25	0.30	961	643	0.0076	0.0070	0.0029	0.0001	0.0013	0.0036	0.0006	0.0005	0.0001	0.0021	0.0121
343	2035	ALT2	WB	AM	Ramp	0.04	0.05	0.59	0.14	309	219	0.0034	0.0031	0.0011	0.0000	0.0014	0.0031	0.0002	0.0001	0.0000	0.0018	0.0174
344	2035	ALT2	WB	AM	Ramp	0.08	0.11	1.92	0.26	818	547	0.0064	0.0059	0.0025	0.0001	0.0011	0.0031	0.0005	0.0004	0.0001	0.0018	0.0100
345	2035	ALT2	WB	AM	Ramp	0.01	0.01	0.19	0.03	90	62	0.0008	0.0008	0.0003	0.0000	0.0002	0.0006	0.0001	0.0000	0.0000	0.0003	0.0028
346	2035	ALT2	WB	AM	Ramp	0.02	0.03	0.49	0.08	231	157	0.0021	0.0019	0.0008	0.0000	0.0006	0.0014	0.0002	0.0001	0.0000	0.0008	0.0064
347	2035	ALT2	WB	AM	Ramp	0.04	0.06	0.97	0.12	439	291	0.0035	0.0032	0.0014	0.0001	0.0006	0.0018	0.0003	0.0002	0.0000	0.0007	0.0060
348	2035	ALT2	WB	AM	Ramp	0.33	0.47	8.49	1.17	3569	2397	0.0284	0.0262	0.0106	0.0005	0.0052	0.0141	0.0023	0.0017	0.0003	0.0088	0.0500
349	2035	ALT2	WB	AM	Ramp	0.04	0.05	1.00	0.15	398	271	0.0033	0.0030	0.0011	0.0001	0.0007	0.0018	0.0002	0.0002	0.0000	0.0014	0.0076
350	2035	ALT2	WB	AM	Ramp	0.06	0.08	1.95	0.24	691	460	0.0045	0.0042	0.0019	0.0001	0.0007	0.0022	0.0004	0.0003	0.0000	0.0014	0.0062
351	2035	ALT2	WB	AM	Ramp	0.02	0.03	0.33	0.08	168	121	0.0019	0.0018	0.0006	0.0000	0.0007	0.0016	0.0001	0.0001	0.0000	0.0011	0.0087
352	2035	ALT2	WB	AM	Ramp	0.02	0.03	0.51	0.06	220	146	0.0017	0.0015	0.0007	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0004	0.0022
353	2035	ALT2	WB	AM	Ramp	0.05	0.08	1.62	0.21	621	416	0.0046	0.0042	0.0018	0.0001	0.0008	0.0023	0.0004	0.0003	0.0000	0.0015	0.0078
354	2035	ALT2	WB	AM	Ramp	0.17	0.25	3.37	0.43	1636	1085	0.0135	0.0125	0.0056	0.0003	0.0028	0.0076	0.0012	0.0010	0.0001	0.0024	0.0276
355	2035	ALT2	WB	AM	Ramp	0.05	0.07	1.11	0.15	489	326	0.0039	0.0036	0.0015	0.0001	0.0007	0.0020	0.0003	0.0003	0.0000	0.0010	0.0070
356	2035	ALT2	WB	AM	Ramp	0.08	0.12	1.55	0.18	756	498	0.0061	0.0056	0.0026	0.0001	0.0010	0.0029	0.0006	0.0005	0.0001	0.0008	0.0087
357	2035	ALT2	WB	AM	Ramp	0.17	0.25	2.97	0.36	1532	1010	0.0130	0.0120	0.0055	0.0003	0.0024	0.0068	0.0012	0.0010	0.0001	0.0016	0.0228
358	2035	ALT2	WB	AM	Ramp	0.11	0.15	1.36	0.25	772	527	0.0077	0.0071	0.0033	0.0001	0.0035	0.0079	0.0006	0.0005	0.0001	0.0022	0.0426
359	2035	ALT2	WB	AM	Ramp	0.13	0.19	2.00	0.24	1133	745	0.0102	0.0095	0.0043	0.0002	0.0018	0.0052	0.0009	0.0008	0.0001	0.0010	0.0169

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
360	2035	ALT2	WB	AM	Ramp	0.07	0.10	1.17	0.17	619	413	0.0056	0.0051	0.0023	0.0001	0.0015	0.0038	0.0005	0.0004	0.0001	0.0011	0.0169
361	2035	ALT2	WB	AM	Ramp	0.07	0.10	1.10	0.14	603	399	0.0054	0.0050	0.0023	0.0001	0.0012	0.0032	0.0005	0.0004	0.0001	0.0007	0.0120
362	2035	ALT2	WB	AM	Ramp	0.04	0.06	1.02	0.15	437	295	0.0036	0.0033	0.0013	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0012	0.0070
363	2035	ALT2	WB	AM	Ramp	0.11	0.16	2.19	0.26	1069	703	0.0086	0.0080	0.0037	0.0002	0.0014	0.0042	0.0008	0.0007	0.0001	0.0011	0.0123
364	2035	ALT2	WB	AM	HOV																	
365	2035	ALT2	WB	AM	HOV																	
366	2035	ALT2	WB	AM	HOV	0.12	0.16	4.12	0.44	1366	888	0.0060	0.0056	0.0038	0.0002	0.0007	0.0029	0.0009	0.0005	0.0001	0.0005	0.0013
367	2035	ALT2	WB	AM	HOV	0.18	0.24	6.19	0.66	2054	1336	0.0090	0.0083	0.0057	0.0003	0.0011	0.0044	0.0013	0.0007	0.0001	0.0007	0.0019
368	2035	ALT2	WB	AM	HOV	0.09	0.12	3.13	0.34	1040	676	0.0046	0.0042	0.0029	0.0002	0.0006	0.0022	0.0007	0.0004	0.0001	0.0004	0.0010
369	2035	ALT2	WB	AM	HOV	0.08	0.11	2.97	0.32	986	641	0.0043	0.0040	0.0028	0.0001	0.0005	0.0021	0.0006	0.0004	0.0001	0.0004	0.0009
370	2035	ALT2	WB	AM	HOV	0.09	0.12	3.13	0.33	1038	675	0.0046	0.0042	0.0029	0.0002	0.0006	0.0022	0.0007	0.0004	0.0001	0.0004	0.0010
371	2035	ALT2	WB	AM	HOV	0.04	0.06	1.44	0.15	478	311	0.0021	0.0019	0.0013	0.0001	0.0003	0.0010	0.0003	0.0002	0.0000	0.0002	0.0004
372	2035	ALT2	WB	AM	HOV	0.06	0.09	2.23	0.24	739	480	0.0032	0.0030	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0007
373	2035	ALT2	WB	AM	HOV	0.04	0.06	1.46	0.16	484	314	0.0021	0.0020	0.0013	0.0001	0.0003	0.0010	0.0003	0.0002	0.0000	0.0002	0.0005
374	2035	ALT2	WB	AM	HOV	0.19	0.25	6.55	0.70	2170	1411	0.0095	0.0088	0.0060	0.0003	0.0012	0.0046	0.0014	0.0008	0.0001	0.0008	0.0020
375	2035	ALT2	WB	AM	HOV	0.06	0.08	2.18	0.23	723	470	0.0032	0.0029	0.0020	0.0001	0.0004	0.0015	0.0005	0.0003	0.0000	0.0003	0.0007
376	2035	ALT2	WB	AM	HOV	0.03	0.04	1.02	0.11	337	219	0.0015	0.0014	0.0009	0.0001	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0003
377	2035	ALT2	WB	AM	HOV	0.20	0.28	7.21	0.77	2389	1553	0.0105	0.0097	0.0067	0.0004	0.0013	0.0051	0.0015	0.0009	0.0001	0.0008	0.0022
378	2035	ALT2	WB	AM	HOV	0.05	0.06	1.61	0.17	533	347	0.0023	0.0022	0.0015	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0005
379	2035	ALT2	WB	AM	HOV	0.06	0.09	2.33	0.24	756	492	0.0034	0.0032	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0008
380	2035	ALT2	WB	AM	HOV	0.06	0.08	2.17	0.22	703	457	0.0032	0.0030	0.0019	0.0001	0.0004	0.0015	0.0004	0.0003	0.0000	0.0002	0.0007
381	2035	ALT2	WB	AM	HOV	0.21	0.29	7.94	0.82	2577	1675	0.0117	0.0109	0.0070	0.0004	0.0014	0.0054	0.0016	0.0010	0.0001	0.0009	0.0026
382	2035	ALT2	WB	AM	HOV	0.03	0.04	1.17	0.12	379	246	0.0017	0.0016	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0004
383	2035	ALT2	WB	AM	HOV	0.13	0.18	4.98	0.51	1618	1052	0.0074	0.0068	0.0044	0.0002	0.0009	0.0034	0.0010	0.0006	0.0001	0.0005	0.0016
384	2035	ALT2	WB	AM	HOV	0.08	0.11	2.95	0.30	959	623	0.0044	0.0040	0.0026	0.0001	0.0005	0.0020	0.0006	0.0004	0.0001	0.0003	0.0010
385	2035	ALT2	WB	AM	HOV	0.20	0.27	7.36	0.76	2389	1553	0.0109	0.0101	0.0065	0.0003	0.0013	0.0050	0.0015	0.0009	0.0001	0.0008	0.0024
386	2035	ALT2	WB	AM	HOV	0.06	0.08	2.19	0.23	712	463	0.0032	0.0030	0.0019	0.0001	0.0004	0.0015	0.0004	0.0003	0.0000	0.0002	0.0007
387	2035	ALT2	WB	AM	HOV	0.05	0.07	1.92	0.20	622	404	0.0028	0.0026	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0006
388	2035	ALT2	WB	AM	HOV	0.05	0.07	1.94	0.20	630	410	0.0029	0.0027	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0006
389	2035	ALT2	WB	AM	HOV	0.20	0.28	7.61	0.78	2471	1606	0.0112	0.0104	0.0067	0.0004	0.0013	0.0052	0.0015	0.0009	0.0001	0.0008	0.0025
390	2035	ALT2	WB	AM	HOV	0.01	0.01	0.30	0.03	102	66	0.0004	0.0004	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
391	2035	ALT2	WB	AM	HOV	0.12	0.16	3.97	0.44	1367	889	0.0059	0.0054	0.0040	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0012
392	2035	ALT2	WB	AM	HOV	0.02	0.02	0.56	0.06	194	126	0.0008	0.0008	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0002
393	2035	ALT2	WB	AM	HOV	0.12	0.15	3.74	0.41	1288	838	0.0055	0.0051	0.0037	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0011
394	2035	ALT2	WB	AM	HOV	0.08	0.11	2.67	0.29	919	598	0.0039	0.0036	0.0027	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0008
395	2035	ALT2	WB	AM	HOV	0.12	0.16	3.81	0.42	1312	853	0.0056	0.0052	0.0038	0.0002	0.0007	0.0029	0.0009	0.0005	0.0001	0.0005	0.0011
396	2035	ALT2	WB	AM	HOV	0.03	0.04	1.09	0.12	376	244	0.0016	0.0015	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
397	2035	ALT2	WB	AM	HOV	0.12	0.16	3.78	0.42	1302	847	0.0056	0.0052	0.0038	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0011
398	2035	ALT2	WB	AM	HOV	0.17	0.23	5.47	0.60	1881	1223	0.0081	0.0075	0.0055	0.0003	0.0011	0.0042	0.0012	0.0006	0.0001	0.0007	0.0016
399	2035	ALT2	WB	AM	HOV	0.14	0.19	4.66	0.51	1602	1042	0.0069	0.0064	0.0046	0.0002	0.0009	0.0036	0.0011	0.0006	0.0001	0.0006	0.0014
400	2035	ALT2	WB	AM	HOV	0.10	0.14	3.36	0.37	1155	751	0.0049	0.0046	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0010
401	2035	ALT2	WB	AM	HOV	0.07	0.10	2.40	0.26	828	538	0.0035	0.0033	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0007
402	2035	ALT2	WB	AM	HOV	0.07	0.10	2.32	0.25	798	519	0.0034	0.0032	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0007
403	2035	ALT2	WB	AM	HOV	0.15	0.20	5.02	0.54	1695	1102	0.0073	0.0068	0.0048	0.0003	0.0009	0.0037	0.0011	0.0006	0.0001	0.0006	0.0015
404	2035	ALT2	WB	AM	HOV	0.08	0.11	2.83	0.31	958	623	0.0041	0.0038	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0004	0.0009
405	2035	ALT2	WB	AM	HOV	0.12	0.16	3.92	0.42	1325	861	0.0057	0.0053	0.0038	0.0002	0.0007	0.0029	0.0009	0.0005	0.0001	0.0005	0.0012
406	2035	ALT2	WB	AM	HOV	0.09	0.12	3.04	0.33	1028	668	0.0044	0.0041	0.0029	0.0002	0.0006	0.0022	0.0007	0.0004	0.0001	0.0004	0.0009
407	2035	ALT2	WB	AM	HOV	0.14	0.18	4.59	0.50	1550	1007	0.0067	0.0062	0.0044	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0014

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
408	2035	ALT2	WB	AM	HOV	0.08	0.11	2.87	0.31	969	630	0.0042	0.0039	0.0028	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0004	0.0009
409	2035	ALT2	WB	AM	HOV	0.12	0.16	4.00	0.43	1352	879	0.0058	0.0054	0.0038	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0012
410	2035	ALT2	WB	AM	HOV	0.25	0.33	7.92	0.87	2737	1780	0.0117	0.0109	0.0080	0.0004	0.0016	0.0061	0.0018	0.0009	0.0001	0.0010	0.0024
411	2035	ALT2	WB	AM	HOV	0.13	0.18	4.24	0.47	1466	953	0.0063	0.0058	0.0043	0.0002	0.0008	0.0033	0.0010	0.0005	0.0001	0.0006	0.0013
412	2035	ALT2	WB	AM	HOV	0.05	0.07	1.62	0.18	562	365	0.0024	0.0022	0.0016	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
413	2035	ALT2	WB	AM	HOV	0.03	0.03	0.83	0.09	287	187	0.0012	0.0011	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
414	2035	ALT2	WB	AM	HOV	0.11	0.15	3.54	0.39	1224	796	0.0052	0.0049	0.0036	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0005	0.0011
415	2035	ALT2	WB	AM	HOV	0.03	0.03	0.83	0.09	287	187	0.0012	0.0011	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
416	2035	ALT2	WB	AM	HOV	0.00	0.01	0.13	0.01	45	29	0.0002	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
417	2035	ALT2	WB	AM	HOV	0.11	0.15	3.62	0.40	1253	814	0.0054	0.0050	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0011
418	2035	ALT2	WB	AM	HOV	0.05	0.06	1.56	0.17	539	350	0.0023	0.0021	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0005
419	2035	ALT2	WB	AM	HOV	0.08	0.11	2.57	0.28	888	577	0.0038	0.0035	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0008
420	2035	ALT2	WB	AM	HOV	0.09	0.13	3.31	0.35	1102	716	0.0048	0.0045	0.0031	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0010
421	2035	ALT2	WB	AM	HOV	0.09	0.12	3.14	0.34	1043	678	0.0046	0.0042	0.0029	0.0002	0.0006	0.0022	0.0007	0.0004	0.0001	0.0004	0.0010
422	2035	ALT2	WB	AM	HOV	0.11	0.14	3.72	0.40	1238	805	0.0054	0.0050	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0012
423	2035	ALT2	WB	AM	HOV	0.20	0.28	7.18	0.77	2387	1552	0.0105	0.0097	0.0067	0.0004	0.0013	0.0051	0.0015	0.0008	0.0001	0.0009	0.0022
424	2035	ALT2	WB	AM	HOV	0.05	0.07	1.76	0.19	584	380	0.0026	0.0024	0.0016	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
425	2035	ALT2	WB	AM	HOV	0.12	0.16	4.15	0.44	1380	897	0.0060	0.0056	0.0039	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0013
426	2035	ALT2	WB	AM	HOV	0.06	0.08	2.19	0.23	727	472	0.0032	0.0029	0.0020	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0007
427	2035	ALT2	WB	AM	HOV	0.12	0.16	4.18	0.45	1389	903	0.0061	0.0056	0.0039	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0013
428	2035	ALT2	WB	AM	HOV	0.13	0.17	4.46	0.48	1483	964	0.0065	0.0060	0.0041	0.0002	0.0008	0.0032	0.0009	0.0005	0.0001	0.0005	0.0014
429	2035	ALT2	WB	AM	HOV	0.08	0.12	2.97	0.32	989	643	0.0043	0.0040	0.0028	0.0001	0.0005	0.0021	0.0006	0.0004	0.0001	0.0004	0.0009
430	2035	ALT2	WB	AM	HOV	0.09	0.11	2.74	0.30	949	617	0.0041	0.0038	0.0028	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0004	0.0008
431	2035	ALT2	WB	AM	HOV	0.08	0.10	2.47	0.27	856	556	0.0037	0.0034	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0007
432	2035	ALT2	WB	AM	HOV	0.09	0.12	2.90	0.32	1008	655	0.0043	0.0040	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0009
433	2035	ALT2	WB	AM	HOV	0.11	0.15	4.18	0.42	1357	882	0.0064	0.0059	0.0037	0.0002	0.0007	0.0028	0.0008	0.0005	0.0001	0.0004	0.0014
434	2035	ALT2	WB	AM	HOV	0.09	0.13	3.52	0.35	1141	742	0.0054	0.0050	0.0031	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0012
435	2035	ALT2	WB	AM	HOV	0.18	0.25	6.74	0.68	2189	1423	0.0103	0.0095	0.0059	0.0003	0.0011	0.0045	0.0013	0.0008	0.0001	0.0007	0.0023
436	2035	ALT2	WB	AM	HOV	0.02	0.02	0.65	0.07	210	136	0.0010	0.0009	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0002
437	2035	ALT2	WB	AM	HOV	0.19	0.27	7.17	0.72	2328	1513	0.0109	0.0101	0.0063	0.0003	0.0012	0.0048	0.0014	0.0009	0.0001	0.0008	0.0024
216	2035	ALT2	WB	MD	Mainline	1.40	1.77	28.75	8.11	14569	10631	0.2990	0.2754	0.0418	0.0018	0.0343	0.0813	0.0086	0.0037	0.0016	0.2605	0.3817
217	2035	ALT2	WB	MD	Mainline	2.51	3.16	51.80	15.24	26522	19485	0.5619	0.5175	0.0744	0.0032	0.0655	0.1533	0.0151	0.0066	0.0030	0.4939	0.7438
218	2035	ALT2	WB	MD	Mainline	1.78	2.24	36.55	10.20	18463	13451	0.3751	0.3454	0.0531	0.0024	0.0430	0.1022	0.0110	0.0047	0.0020	0.3259	0.4763
219	2035	ALT2	WB	MD	Mainline	2.40	3.03	51.58	14.75	25785	18905	0.5180	0.4771	0.0710	0.0031	0.0637	0.1486	0.0144	0.0064	0.0028	0.4514	0.7276
220	2035	ALT2	WB	MD	Mainline	1.40	1.78	29.96	8.04	14754	10702	0.2820	0.2597	0.0420	0.0019	0.0336	0.0801	0.0087	0.0038	0.0015	0.2420	0.3715
221	2035	ALT2	WB	MD	Mainline	1.21	1.53	26.38	7.29	12998	9485	0.2518	0.2319	0.0360	0.0016	0.0312	0.0732	0.0073	0.0033	0.0014	0.2175	0.3531
222	2035	ALT2	WB	MD	Mainline	1.43	1.82	31.14	8.10	15103	10910	0.2772	0.2554	0.0430	0.0019	0.0335	0.0803	0.0089	0.0040	0.0015	0.2357	0.3676
223	2035	ALT2	WB	MD	Mainline	0.69	0.88	15.25	3.87	7295	5255	0.1293	0.1192	0.0207	0.0009	0.0159	0.0383	0.0043	0.0019	0.0007	0.1090	0.1742
224	2035	ALT2	WB	MD	Mainline	0.78	1.00	17.54	3.83	8020	5649	0.1196	0.1102	0.0239	0.0011	0.0147	0.0371	0.0051	0.0023	0.0007	0.0953	0.1477
225	2035	ALT2	WB	MD	Mainline	0.50	0.63	10.99	2.44	5073	3582	0.0778	0.0717	0.0151	0.0007	0.0094	0.0238	0.0032	0.0014	0.0005	0.0626	0.0959
226	2035	ALT2	WB	MD	Mainline	2.27	2.89	48.31	10.85	22723	16051	0.3608	0.3325	0.0693	0.0033	0.0423	0.1072	0.0148	0.0064	0.0021	0.2926	0.4235
227	2035	ALT2	WB	MD	Mainline	0.88	1.12	18.77	3.98	8703	6098	0.1288	0.1187	0.0270	0.0013	0.0151	0.0392	0.0058	0.0025	0.0008	0.1019	0.1459
228	2035	ALT2	WB	MD	Mainline	0.51	0.65	11.06	2.22	5041	3507	0.0692	0.0638	0.0158	0.0008	0.0082	0.0218	0.0034	0.0015	0.0004	0.0533	0.0766
229	2035	ALT2	WB	MD	Mainline	3.17	4.06	71.96	14.87	32351	22615	0.4492	0.4141	0.0974	0.0047	0.0554	0.1432	0.0210	0.0093	0.0027	0.3486	0.5395
230	2035	ALT2	WB	MD	Mainline	0.86	1.10	19.74	3.84	8711	6039	0.1110	0.1023	0.0266	0.0013	0.0138	0.0366	0.0058	0.0026	0.0007	0.0831	0.1286
231	2035	ALT2	WB	MD	Mainline	0.87	1.12	20.50	4.11	9018	6284	0.1186	0.1093	0.0268	0.0013	0.0151	0.0391	0.0058	0.0026	0.0007	0.0903	0.1463
232	2035	ALT2	WB	MD	Mainline	0.86	1.09	18.84	3.98	8625	6044	0.1252	0.1154	0.0263	0.0013	0.0151	0.0388	0.0057	0.0025	0.0008	0.0986	0.1469
233	2035	ALT2	WB	MD	Mainline	2.58	3.31	63.11	13.60	27808	19645	0.3949	0.3639	0.0786	0.0036	0.0534	0.1320	0.0166	0.0078	0.0024	0.3115	0.5621

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
234	2035	ALT2	WB	MD	Mainline	0.43	0.55	10.09	2.14	4496	3161	0.0636	0.0586	0.0131	0.0006	0.0082	0.0206	0.0028	0.0013	0.0004	0.0499	0.0830
235	2035	ALT2	WB	MD	Mainline	1.63	2.09	39.89	8.53	17516	12363	0.2461	0.2268	0.0495	0.0023	0.0334	0.0827	0.0104	0.0049	0.0015	0.1934	0.3507
236	2035	ALT2	WB	MD	Mainline	1.17	1.52	30.25	5.87	12733	8875	0.1562	0.1440	0.0361	0.0017	0.0218	0.0555	0.0077	0.0037	0.0010	0.1161	0.2196
237	2035	ALT2	WB	MD	Mainline	1.87	2.40	42.78	8.74	19126	13351	0.2608	0.2404	0.0575	0.0028	0.0323	0.0839	0.0124	0.0055	0.0016	0.2010	0.3133
238	2035	ALT2	WB	MD	Mainline	0.59	0.76	13.72	2.76	6067	4229	0.0806	0.0743	0.0181	0.0009	0.0101	0.0263	0.0039	0.0018	0.0005	0.0615	0.0981
239	2035	ALT2	WB	MD	Mainline	0.52	0.67	12.24	2.45	5395	3758	0.0711	0.0655	0.0161	0.0008	0.0090	0.0233	0.0035	0.0016	0.0004	0.0541	0.0868
240	2035	ALT2	WB	MD	Mainline	0.66	0.85	15.60	3.00	6795	4707	0.0845	0.0779	0.0204	0.0010	0.0107	0.0284	0.0044	0.0020	0.0005	0.0627	0.1006
241	2035	ALT2	WB	MD	Mainline	2.33	2.99	54.94	11.00	24148	16826	0.3169	0.2922	0.0718	0.0035	0.0404	0.1047	0.0155	0.0070	0.0020	0.2410	0.3919
242	2035	ALT2	WB	MD	Mainline	0.16	0.20	3.45	0.71	1565	1093	0.0219	0.0202	0.0048	0.0002	0.0027	0.0069	0.0010	0.0005	0.0001	0.0171	0.0257
243	2035	ALT2	WB	MD	Mainline	1.87	2.39	42.82	9.04	19287	13526	0.2739	0.2525	0.0574	0.0027	0.0340	0.0869	0.0123	0.0055	0.0017	0.2146	0.3375
244	2035	ALT2	WB	MD	Mainline	0.29	0.37	6.48	1.35	2947	2061	0.0417	0.0385	0.0090	0.0004	0.0051	0.0131	0.0019	0.0008	0.0003	0.0326	0.0489
245	2035	ALT2	WB	MD	Mainline	1.77	2.27	40.50	8.61	18274	12828	0.2618	0.2413	0.0542	0.0026	0.0325	0.0828	0.0116	0.0052	0.0016	0.2058	0.3240
246	2035	ALT2	WB	MD	Mainline	1.40	1.79	31.07	6.48	14124	9883	0.2008	0.1851	0.0430	0.0021	0.0244	0.0630	0.0093	0.0041	0.0012	0.1570	0.2364
247	2035	ALT2	WB	MD	Mainline	1.78	2.27	40.19	8.66	18263	12844	0.2673	0.2464	0.0543	0.0026	0.0330	0.0837	0.0116	0.0052	0.0016	0.2117	0.3306
248	2035	ALT2	WB	MD	Mainline	0.63	0.80	14.42	2.83	6368	4420	0.0820	0.0756	0.0193	0.0009	0.0102	0.0270	0.0042	0.0019	0.0005	0.0618	0.0963
249	2035	ALT2	WB	MD	Mainline	2.03	2.60	45.40	9.05	20353	14154	0.2717	0.2505	0.0625	0.0030	0.0332	0.0875	0.0136	0.0059	0.0017	0.2072	0.3125
250	2035	ALT2	WB	MD	Mainline	3.19	4.09	73.92	14.57	32593	22642	0.4212	0.3884	0.0984	0.0048	0.0528	0.1386	0.0213	0.0095	0.0026	0.3177	0.4995
251	2035	ALT2	WB	MD	Mainline	2.43	3.12	57.98	11.54	25296	17628	0.3283	0.3027	0.0746	0.0036	0.0425	0.1098	0.0161	0.0073	0.0021	0.2488	0.4150
252	2035	ALT2	WB	MD	Mainline	1.98	2.54	46.14	9.14	20335	14136	0.2639	0.2433	0.0611	0.0030	0.0332	0.0868	0.0132	0.0059	0.0016	0.1995	0.3156
253	2035	ALT2	WB	MD	Mainline	1.42	1.82	33.05	6.54	14563	10124	0.1890	0.1742	0.0438	0.0021	0.0237	0.0622	0.0095	0.0042	0.0012	0.1429	0.2260
254	2035	ALT2	WB	MD	Mainline	1.37	1.76	31.86	6.31	14039	9760	0.1822	0.1680	0.0422	0.0021	0.0229	0.0599	0.0091	0.0041	0.0011	0.1377	0.2179
255	2035	ALT2	WB	MD	Mainline	2.09	2.66	47.06	10.55	21641	15307	0.3330	0.3069	0.0636	0.0030	0.0410	0.1026	0.0135	0.0060	0.0019	0.2685	0.4208
256	2035	ALT2	WB	MD	Mainline	1.46	1.88	33.73	6.85	15010	10470	0.2023	0.1865	0.0450	0.0022	0.0252	0.0655	0.0097	0.0043	0.0012	0.1553	0.2442
257	2035	ALT2	WB	MD	Mainline	1.81	2.32	43.04	8.85	18969	13279	0.2573	0.2372	0.0555	0.0026	0.0332	0.0848	0.0119	0.0054	0.0016	0.1986	0.3317
258	2035	ALT2	WB	MD	Mainline	1.75	2.24	39.00	7.79	17524	12188	0.2349	0.2166	0.0540	0.0026	0.0286	0.0754	0.0117	0.0051	0.0015	0.1794	0.2689
259	2035	ALT2	WB	MD	Mainline	2.56	3.27	56.56	11.33	25514	17750	0.3448	0.3178	0.0789	0.0038	0.0418	0.1101	0.0171	0.0074	0.0021	0.2640	0.3918
260	2035	ALT2	WB	MD	Mainline	1.71	2.19	38.46	7.68	17209	11970	0.2294	0.2115	0.0527	0.0026	0.0282	0.0740	0.0114	0.0050	0.0014	0.1749	0.2657
261	2035	ALT2	WB	MD	Mainline	2.02	2.58	45.65	9.42	20528	14346	0.2847	0.2624	0.0619	0.0030	0.0351	0.0907	0.0133	0.0059	0.0017	0.2208	0.3409
262	2035	ALT2	WB	MD	Mainline	5.21	6.64	113.80	24.41	52392	36791	0.7769	0.7160	0.1596	0.0076	0.0931	0.2388	0.0343	0.0149	0.0046	0.6163	0.9151
263	2035	ALT2	WB	MD	Mainline	2.48	3.16	55.36	12.08	25374	17870	0.3796	0.3499	0.0758	0.0036	0.0463	0.1174	0.0162	0.0072	0.0022	0.3027	0.4651
264	2035	ALT2	WB	MD	Mainline	0.90	1.16	22.04	4.91	9794	6955	0.1442	0.1328	0.0274	0.0013	0.0197	0.0481	0.0057	0.0027	0.0009	0.1153	0.2116
265	2035	ALT2	WB	MD	Mainline	0.51	0.65	11.84	2.63	5365	3795	0.0804	0.0741	0.0155	0.0007	0.0102	0.0255	0.0033	0.0015	0.0005	0.0644	0.1065
266	2035	ALT2	WB	MD	Mainline	1.70	2.16	38.28	9.16	17885	12780	0.2956	0.2723	0.0513	0.0024	0.0369	0.0900	0.0107	0.0048	0.0017	0.2442	0.3949
267	2035	ALT2	WB	MD	Mainline	0.53	0.67	12.14	2.86	5600	3998	0.0901	0.0830	0.0159	0.0007	0.0116	0.0281	0.0033	0.0015	0.0005	0.0739	0.1243
268	2035	ALT2	WB	MD	Mainline	0.10	0.13	2.20	0.51	1033	732	0.0167	0.0154	0.0031	0.0001	0.0020	0.0050	0.0007	0.0003	0.0001	0.0136	0.0205
269	2035	ALT2	WB	MD	Mainline	2.34	2.99	54.39	12.76	24972	17825	0.3980	0.3667	0.0707	0.0032	0.0516	0.1256	0.0148	0.0068	0.0023	0.3260	0.5564
270	2035	ALT2	WB	MD	Mainline	1.01	1.28	22.94	5.68	10760	7738	0.1829	0.1685	0.0302	0.0014	0.0235	0.0564	0.0063	0.0029	0.0010	0.1527	0.2583
271	2035	ALT2	WB	MD	Mainline	1.46	1.87	34.73	8.60	16040	11570	0.2664	0.2454	0.0438	0.0019	0.0365	0.0864	0.0090	0.0042	0.0015	0.2219	0.4098
272	2035	ALT2	WB	MD	Mainline	1.06	1.35	25.66	6.25	11686	8422	0.1883	0.1735	0.0316	0.0014	0.0267	0.0630	0.0064	0.0031	0.0011	0.1558	0.3015
273	2035	ALT2	WB	MD	Mainline	1.12	1.43	25.85	6.32	12030	8641	0.2007	0.1849	0.0337	0.0015	0.0261	0.0627	0.0070	0.0032	0.0011	0.1669	0.2872
274	2035	ALT2	WB	MD	Mainline	1.29	1.64	29.15	7.24	13726	9872	0.2350	0.2165	0.0386	0.0017	0.0299	0.0718	0.0080	0.0036	0.0013	0.1965	0.3281
275	2035	ALT2	WB	MD	Mainline	2.47	3.14	55.76	13.04	25886	18431	0.4171	0.3844	0.0748	0.0035	0.0518	0.1276	0.0158	0.0071	0.0024	0.3418	0.5477
276	2035	ALT2	WB	MD	Mainline	0.70	0.89	15.43	3.61	7228	5143	0.1180	0.1087	0.0212	0.0010	0.0143	0.0354	0.0045	0.0020	0.0007	0.0969	0.1498
277	2035	ALT2	WB	MD	Mainline	1.45	1.84	32.51	7.96	15319	10982	0.2602	0.2397	0.0437	0.0020	0.0324	0.0785	0.0091	0.0041	0.0015	0.2168	0.3500
278	2035	ALT2	WB	MD	Mainline	0.73	0.93	15.79	4.22	7741	5614	0.1466	0.1350	0.0219	0.0010	0.0176	0.0420	0.0045	0.0020	0.0008	0.1256	0.1956
279	2035	ALT2	WB	MD	Mainline	1.36	1.72	31.22	8.07	14761	10700	0.2596	0.2392	0.0404	0.0018	0.0345	0.0813	0.0083	0.0038	0.0014	0.2196	0.3900
280	2035	ALT2	WB	MD	Mainline	1.45	1.84	33.85	8.44	15753	11363	0.2657	0.2447	0.0433	0.0019	0.0356	0.0845	0.0089	0.0041	0.0015	0.2220	0.3984
281	2035	ALT2	WB	MD	Mainline	1.03	1.32	25.73	6.04	11451	8226	0.1750	0.1612	0.0308	0.0013	0.0259	0.0613	0.0063	0.0030	0.0010	0.1426	0.2927

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
282	2035	ALT2	WB	MD	Mainline	1.52	1.94	36.33	8.90	16671	12012	0.2727	0.2512	0.0454	0.0020	0.0377	0.0893	0.0093	0.0044	0.0016	0.2263	0.4235
283	2035	ALT2	WB	MD	Mainline	1.39	1.78	34.12	8.19	15425	11096	0.2440	0.2248	0.0417	0.0018	0.0348	0.0824	0.0085	0.0041	0.0014	0.2007	0.3919
284	2035	ALT2	WB	MD	Mainline	1.70	2.19	43.55	10.03	19099	13702	0.2825	0.2603	0.0511	0.0022	0.0434	0.1023	0.0104	0.0051	0.0017	0.2280	0.4910
285	2035	ALT2	WB	MD	Mainline	1.24	1.59	29.96	7.23	13652	9817	0.2192	0.2019	0.0372	0.0016	0.0305	0.0723	0.0076	0.0036	0.0013	0.1809	0.3404
286	2035	ALT2	WB	MD	Mainline	1.04	1.32	24.39	6.09	11322	8174	0.1902	0.1753	0.0310	0.0014	0.0259	0.0612	0.0063	0.0030	0.0011	0.1590	0.2905
287	2035	ALT2	WB	MD	Mainline	1.88	2.39	42.29	11.11	20273	14707	0.3673	0.3383	0.0561	0.0025	0.0472	0.1115	0.0115	0.0052	0.0020	0.3124	0.5307
288	2035	ALT2	WB	MD	Mainline	0.22	0.28	5.20	1.20	2361	1682	0.0366	0.0338	0.0067	0.0003	0.0048	0.0118	0.0014	0.0006	0.0002	0.0298	0.0519
289	2035	ALT2	WB	MD	Mainline	2.18	2.79	54.39	12.50	24108	17247	0.3619	0.3335	0.0655	0.0029	0.0524	0.1251	0.0135	0.0065	0.0021	0.2927	0.5833
290	2035	ALT2	WB	MD	Ramp	0.08	0.11	2.80	0.33	962	637	0.0059	0.0055	0.0026	0.0001	0.0009	0.0028	0.0006	0.0004	0.0001	0.0017	0.0071
291	2035	ALT2	WB	MD	Ramp	0.07	0.09	2.06	0.25	771	513	0.0053	0.0049	0.0022	0.0001	0.0009	0.0025	0.0005	0.0003	0.0001	0.0015	0.0075
292	2035	ALT2	WB	MD	Ramp	0.02	0.03	0.74	0.09	260	173	0.0017	0.0016	0.0007	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0005	0.0024
293	2035	ALT2	WB	MD	Ramp	0.22	0.31	3.47	0.50	1844	1232	0.0166	0.0154	0.0070	0.0003	0.0047	0.0117	0.0014	0.0012	0.0002	0.0033	0.0519
294	2035	ALT2	WB	MD	Ramp	0.06	0.09	1.70	0.23	678	454	0.0051	0.0047	0.0020	0.0001	0.0009	0.0025	0.0004	0.0003	0.0001	0.0016	0.0086
295	2035	ALT2	WB	MD	Ramp	0.20	0.29	3.27	0.43	1743	1154	0.0153	0.0142	0.0065	0.0003	0.0034	0.0092	0.0014	0.0012	0.0002	0.0022	0.0354
296	2035	ALT2	WB	MD	Ramp	0.08	0.11	1.48	0.23	712	482	0.0063	0.0059	0.0024	0.0001	0.0018	0.0043	0.0005	0.0004	0.0001	0.0020	0.0200
297	2035	ALT2	WB	MD	Ramp	1.43	1.84	25.99	9.12	13893	10532	0.2018	0.1860	0.0400	0.0012	0.0665	0.1418	0.0068	0.0039	0.0012	0.1593	0.8552
298	2035	ALT2	WB	MD	Ramp	0.01	0.01	0.28	0.03	104	69	0.0007	0.0006	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0002	0.0008
299	2035	ALT2	WB	MD	Ramp	0.03	0.05	1.14	0.14	400	265	0.0026	0.0024	0.0011	0.0001	0.0004	0.0012	0.0002	0.0002	0.0000	0.0007	0.0033
300	2035	ALT2	WB	MD	Ramp	0.38	0.53	12.20	1.51	4426	2948	0.0298	0.0276	0.0122	0.0006	0.0050	0.0144	0.0027	0.0018	0.0003	0.0090	0.0436
301	2035	ALT2	WB	MD	Ramp	0.18	0.25	3.55	0.53	1679	1131	0.0145	0.0134	0.0056	0.0003	0.0037	0.0092	0.0012	0.0009	0.0001	0.0042	0.0402
302	2035	ALT2	WB	MD	Ramp	0.02	0.04	0.80	0.10	292	195	0.0020	0.0018	0.0008	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0006	0.0029
303	2035	ALT2	WB	MD	Ramp	0.04	0.06	1.21	0.20	492	338	0.0043	0.0040	0.0014	0.0001	0.0010	0.0024	0.0003	0.0002	0.0000	0.0020	0.0109
304	2035	ALT2	WB	MD	Ramp	0.07	0.10	1.71	0.21	752	498	0.0057	0.0053	0.0024	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0011	0.0082
305	2035	ALT2	WB	MD	Ramp	0.09	0.13	2.38	0.37	999	680	0.0085	0.0078	0.0029	0.0001	0.0018	0.0046	0.0006	0.0005	0.0001	0.0034	0.0191
306	2035	ALT2	WB	MD	Ramp	0.06	0.08	1.56	0.17	631	414	0.0043	0.0040	0.0019	0.0001	0.0005	0.0018	0.0004	0.0003	0.0000	0.0006	0.0034
307	2035	ALT2	WB	MD	Ramp	0.12	0.18	1.93	0.26	1037	689	0.0093	0.0086	0.0039	0.0002	0.0023	0.0060	0.0008	0.0007	0.0001	0.0015	0.0249
308	2035	ALT2	WB	MD	Ramp	0.10	0.15	2.27	0.34	1028	695	0.0088	0.0081	0.0033	0.0002	0.0020	0.0051	0.0007	0.0005	0.0001	0.0029	0.0212
309	2035	ALT2	WB	MD	Ramp	0.11	0.15	1.67	0.29	876	596	0.0083	0.0077	0.0033	0.0001	0.0030	0.0070	0.0007	0.0005	0.0001	0.0025	0.0357
310	2035	ALT2	WB	MD	Ramp	0.49	0.69	12.07	2.04	5230	3594	0.0473	0.0437	0.0155	0.0007	0.0108	0.0268	0.0032	0.0023	0.0004	0.0212	0.1200
311	2035	ALT2	WB	MD	Ramp	0.14	0.20	2.72	0.41	1306	882	0.0115	0.0106	0.0045	0.0002	0.0031	0.0077	0.0009	0.0007	0.0001	0.0034	0.0345
312	2035	ALT2	WB	MD	Ramp	0.04	0.05	1.01	0.14	399	268	0.0030	0.0028	0.0011	0.0001	0.0006	0.0015	0.0002	0.0002	0.0000	0.0010	0.0055
313	2035	ALT2	WB	MD	Ramp	0.29	0.41	9.21	1.32	3409	2313	0.0263	0.0243	0.0093	0.0004	0.0053	0.0138	0.0020	0.0013	0.0002	0.0116	0.0544
314	2035	ALT2	WB	MD	Ramp	0.15	0.22	3.36	0.36	1542	1010	0.0116	0.0107	0.0050	0.0003	0.0015	0.0048	0.0011	0.0009	0.0001	0.0011	0.0103
315	2035	ALT2	WB	MD	Ramp	0.12	0.18	2.82	0.39	1253	839	0.0102	0.0094	0.0039	0.0002	0.0020	0.0054	0.0008	0.0007	0.0001	0.0027	0.0198
316	2035	ALT2	WB	MD	Ramp	0.04	0.06	1.23	0.17	490	329	0.0037	0.0035	0.0014	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0012	0.0068
317	2035	ALT2	WB	MD	Ramp	0.07	0.10	1.56	0.24	714	483	0.0062	0.0057	0.0023	0.0001	0.0015	0.0037	0.0005	0.0004	0.0001	0.0020	0.0161
318	2035	ALT2	WB	MD	Ramp	0.03	0.05	1.07	0.12	397	263	0.0026	0.0024	0.0011	0.0001	0.0004	0.0012	0.0002	0.0002	0.0000	0.0006	0.0030
319	2035	ALT2	WB	MD	Ramp	0.11	0.16	2.65	0.36	1164	778	0.0093	0.0086	0.0036	0.0002	0.0017	0.0048	0.0008	0.0006	0.0001	0.0024	0.0168
320	2035	ALT2	WB	MD	Ramp	0.06	0.08	1.55	0.20	641	427	0.0048	0.0045	0.0019	0.0001	0.0008	0.0023	0.0004	0.0003	0.0001	0.0012	0.0070
321	2035	ALT2	WB	MD	Ramp	0.11	0.16	2.41	0.33	1106	740	0.0091	0.0084	0.0036	0.0002	0.0019	0.0051	0.0008	0.0006	0.0001	0.0022	0.0197
322	2035	ALT2	WB	MD	Ramp	0.08	0.12	1.55	0.23	759	512	0.0067	0.0062	0.0026	0.0001	0.0018	0.0046	0.0005	0.0004	0.0001	0.0018	0.0206
323	2035	ALT2	WB	MD	Ramp	0.15	0.21	4.40	0.68	1722	1177	0.0143	0.0132	0.0048	0.0002	0.0031	0.0078	0.0010	0.0007	0.0001	0.0066	0.0335
324	2035	ALT2	WB	MD	Ramp	0.04	0.05	1.09	0.15	417	282	0.0032	0.0030	0.0012	0.0001	0.0006	0.0017	0.0002	0.0002	0.0000	0.0013	0.0066
325	2035	ALT2	WB	MD	Ramp	0.25	0.36	5.42	0.85	2502	1698	0.0221	0.0204	0.0081	0.0004	0.0055	0.0137	0.0017	0.0013	0.0002	0.0076	0.0604
326	2035	ALT2	WB	MD	Ramp	0.11	0.16	2.94	0.36	1201	796	0.0088	0.0081	0.0036	0.0002	0.0013	0.0039	0.0008	0.0006	0.0001	0.0019	0.0108
327	2035	ALT2	WB	MD	Ramp	0.21	0.29	3.74	0.64	1844	1260	0.0171	0.0159	0.0065	0.0003	0.0055	0.0131	0.0013	0.0010	0.0002	0.0061	0.0649
328	2035	ALT2	WB	MD	Ramp	0.04	0.06	1.20	0.15	453	303	0.0032	0.0030	0.0013	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0010	0.0051
329	2035	ALT2	WB	MD	Ramp	0.10	0.14	2.25	0.32	999	671	0.0083	0.0076	0.0031	0.0002	0.0017	0.0045	0.0007	0.0005	0.0001	0.0024	0.0172

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
330	2035	ALT2	WB	MD	Ramp	0.03	0.04	0.87	0.12	333	225	0.0025	0.0023	0.0009	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0010	0.0050
331	2035	ALT2	WB	MD	Ramp	0.13	0.18	3.83	0.57	1478	1005	0.0119	0.0110	0.0041	0.0002	0.0025	0.0064	0.0009	0.0006	0.0001	0.0051	0.0261
332	2035	ALT2	WB	MD	Ramp	0.04	0.06	1.33	0.21	500	345	0.0043	0.0040	0.0013	0.0001	0.0010	0.0023	0.0003	0.0002	0.0000	0.0024	0.0104
333	2035	ALT2	WB	MD	Ramp	0.13	0.17	3.50	0.61	1405	973	0.0128	0.0118	0.0039	0.0002	0.0030	0.0073	0.0008	0.0005	0.0001	0.0068	0.0344
334	2035	ALT2	WB	MD	Ramp	0.08	0.11	2.29	0.33	871	591	0.0068	0.0063	0.0024	0.0001	0.0014	0.0036	0.0005	0.0003	0.0001	0.0029	0.0144
335	2035	ALT2	WB	MD	Ramp	0.21	0.29	5.58	0.99	2304	1600	0.0214	0.0198	0.0065	0.0003	0.0052	0.0126	0.0013	0.0009	0.0002	0.0114	0.0599
336	2035	ALT2	WB	MD	Ramp	0.18	0.26	4.86	0.81	2019	1388	0.0178	0.0165	0.0058	0.0003	0.0041	0.0101	0.0012	0.0009	0.0002	0.0083	0.0456
337	2035	ALT2	WB	MD	Ramp	0.08	0.10	1.70	0.43	783	570	0.0094	0.0087	0.0022	0.0001	0.0028	0.0061	0.0004	0.0003	0.0001	0.0066	0.0342
338	2035	ALT2	WB	MD	Ramp	0.06	0.08	1.70	0.24	642	434	0.0049	0.0045	0.0018	0.0001	0.0010	0.0025	0.0004	0.0003	0.0000	0.0019	0.0097
339	2035	ALT2	WB	MD	Ramp	0.21	0.28	6.55	1.03	2405	1648	0.0209	0.0193	0.0064	0.0003	0.0038	0.0098	0.0014	0.0008	0.0002	0.0124	0.0392
340	2035	ALT2	WB	MD	Ramp	0.76	1.03	19.34	4.05	8243	5852	0.0868	0.0801	0.0230	0.0009	0.0232	0.0531	0.0045	0.0029	0.0006	0.0548	0.2775
341	2035	ALT2	WB	MD	Ramp	0.71	0.99	17.87	3.12	7615	5262	0.0700	0.0646	0.0222	0.0010	0.0167	0.0406	0.0045	0.0032	0.0006	0.0340	0.1888
342	2035	ALT2	WB	MD	Ramp	0.11	0.15	2.86	0.49	1204	830	0.0109	0.0101	0.0035	0.0002	0.0026	0.0063	0.0007	0.0005	0.0001	0.0052	0.0288
343	2035	ALT2	WB	MD	Ramp	0.19	0.26	2.39	0.56	1332	936	0.0143	0.0133	0.0056	0.0002	0.0077	0.0169	0.0010	0.0007	0.0001	0.0063	0.0978
344	2035	ALT2	WB	MD	Ramp	0.06	0.09	1.57	0.33	683	483	0.0071	0.0065	0.0019	0.0001	0.0019	0.0044	0.0004	0.0003	0.0001	0.0043	0.0227
345	2035	ALT2	WB	MD	Ramp	0.05	0.06	0.82	0.14	408	279	0.0038	0.0035	0.0014	0.0001	0.0013	0.0030	0.0003	0.0002	0.0000	0.0014	0.0150
346	2035	ALT2	WB	MD	Ramp	0.10	0.14	1.62	0.34	834	583	0.0086	0.0079	0.0030	0.0001	0.0034	0.0077	0.0006	0.0004	0.0001	0.0040	0.0424
347	2035	ALT2	WB	MD	Ramp	0.06	0.08	1.32	0.23	589	404	0.0054	0.0050	0.0018	0.0001	0.0012	0.0030	0.0004	0.0003	0.0000	0.0023	0.0135
348	2035	ALT2	WB	MD	Ramp	0.46	0.64	12.24	2.20	5072	3526	0.0474	0.0438	0.0144	0.0006	0.0117	0.0279	0.0029	0.0020	0.0004	0.0253	0.1336
349	2035	ALT2	WB	MD	Ramp	0.12	0.16	2.72	0.60	1244	885	0.0134	0.0124	0.0036	0.0001	0.0038	0.0086	0.0007	0.0005	0.0001	0.0081	0.0454
350	2035	ALT2	WB	MD	Ramp	0.12	0.17	3.95	0.50	1416	947	0.0097	0.0090	0.0039	0.0002	0.0017	0.0048	0.0008	0.0006	0.0001	0.0034	0.0156
351	2035	ALT2	WB	MD	Ramp	0.09	0.13	1.48	0.34	771	544	0.0082	0.0076	0.0028	0.0001	0.0034	0.0077	0.0005	0.0004	0.0001	0.0041	0.0430
352	2035	ALT2	WB	MD	Ramp	0.05	0.07	1.29	0.15	549	363	0.0041	0.0038	0.0017	0.0001	0.0006	0.0018	0.0004	0.0003	0.0000	0.0007	0.0047
353	2035	ALT2	WB	MD	Ramp	0.13	0.18	3.60	0.51	1414	955	0.0110	0.0102	0.0040	0.0002	0.0022	0.0058	0.0009	0.0006	0.0001	0.0041	0.0221
354	2035	ALT2	WB	MD	Ramp	0.25	0.36	5.01	0.77	2376	1608	0.0209	0.0193	0.0080	0.0004	0.0055	0.0137	0.0016	0.0013	0.0002	0.0065	0.0618
355	2035	ALT2	WB	MD	Ramp	0.11	0.16	2.44	0.35	1120	753	0.0094	0.0087	0.0036	0.0002	0.0022	0.0056	0.0008	0.0006	0.0001	0.0027	0.0228
356	2035	ALT2	WB	MD	Ramp	0.07	0.11	1.62	0.22	741	495	0.0060	0.0056	0.0024	0.0001	0.0013	0.0034	0.0005	0.0004	0.0001	0.0015	0.0127
357	2035	ALT2	WB	MD	Ramp	0.24	0.34	4.47	0.65	2185	1466	0.0189	0.0175	0.0076	0.0004	0.0050	0.0125	0.0016	0.0013	0.0002	0.0047	0.0546
358	2035	ALT2	WB	MD	Ramp	0.20	0.28	2.66	0.49	1497	1021	0.0148	0.0137	0.0062	0.0002	0.0065	0.0147	0.0012	0.0009	0.0001	0.0043	0.0785
359	2035	ALT2	WB	MD	Ramp	0.21	0.31	3.44	0.45	1831	1212	0.0161	0.0149	0.0068	0.0003	0.0036	0.0095	0.0014	0.0012	0.0002	0.0023	0.0363
360	2035	ALT2	WB	MD	Ramp	0.12	0.18	2.12	0.32	1075	722	0.0096	0.0089	0.0039	0.0002	0.0027	0.0068	0.0008	0.0006	0.0001	0.0023	0.0308
361	2035	ALT2	WB	MD	Ramp	0.13	0.18	1.99	0.30	1064	712	0.0097	0.0090	0.0040	0.0002	0.0029	0.0071	0.0008	0.0007	0.0001	0.0020	0.0325
362	2035	ALT2	WB	MD	Ramp	0.07	0.11	1.82	0.30	793	544	0.0071	0.0066	0.0024	0.0001	0.0016	0.0040	0.0005	0.0004	0.0001	0.0031	0.0178
363	2035	ALT2	WB	MD	Ramp	0.17	0.26	3.65	0.45	1724	1142	0.0138	0.0128	0.0058	0.0003	0.0026	0.0073	0.0012	0.0010	0.0002	0.0024	0.0247
364	2035	ALT2	WB	MD	HOV																	
365	2035	ALT2	WB	MD	HOV																	
366	2035	ALT2	WB	MD	HOV	0.24	0.33	8.76	0.93	2883	1874	0.0127	0.0118	0.0080	0.0004	0.0016	0.0061	0.0018	0.0010	0.0002	0.0010	0.0027
367	2035	ALT2	WB	MD	HOV	0.37	0.50	13.18	1.40	4334	2818	0.0191	0.0177	0.0120	0.0006	0.0024	0.0092	0.0027	0.0016	0.0002	0.0015	0.0041
368	2035	ALT2	WB	MD	HOV	0.19	0.25	6.67	0.71	2195	1427	0.0097	0.0090	0.0061	0.0003	0.0012	0.0047	0.0014	0.0008	0.0001	0.0008	0.0021
369	2035	ALT2	WB	MD	HOV	0.18	0.24	6.33	0.67	2081	1353	0.0092	0.0085	0.0058	0.0003	0.0011	0.0044	0.0013	0.0007	0.0001	0.0007	0.0020
370	2035	ALT2	WB	MD	HOV	0.19	0.25	6.69	0.71	2197	1429	0.0097	0.0090	0.0061	0.0003	0.0012	0.0047	0.0014	0.0008	0.0001	0.0008	0.0021
371	2035	ALT2	WB	MD	HOV	0.09	0.12	3.08	0.33	1011	657	0.0045	0.0041	0.0028	0.0001	0.0005	0.0021	0.0006	0.0004	0.0001	0.0004	0.0010
372	2035	ALT2	WB	MD	HOV	0.13	0.18	4.76	0.50	1564	1017	0.0069	0.0064	0.0043	0.0002	0.0008	0.0033	0.0010	0.0006	0.0001	0.0005	0.0015
373	2035	ALT2	WB	MD	HOV	0.09	0.12	3.11	0.33	1023	665	0.0045	0.0042	0.0028	0.0002	0.0006	0.0022	0.0006	0.0004	0.0001	0.0004	0.0010
374	2035	ALT2	WB	MD	HOV	0.39	0.53	13.97	1.48	4592	2986	0.0203	0.0188	0.0127	0.0007	0.0025	0.0097	0.0029	0.0017	0.0002	0.0016	0.0044
375	2035	ALT2	WB	MD	HOV	0.13	0.18	4.66	0.49	1531	996	0.0068	0.0063	0.0042	0.0002	0.0008	0.0032	0.0010	0.0006	0.0001	0.0005	0.0015
376	2035	ALT2	WB	MD	HOV	0.06	0.08	2.17	0.23	714	464	0.0032	0.0029	0.0020	0.0001	0.0004	0.0015	0.0004	0.0003	0.0000	0.0002	0.0007
377	2035	ALT2	WB	MD	HOV	0.43	0.58	15.39	1.63	5056	3287	0.0224	0.0207	0.0140	0.0007	0.0027	0.0107	0.0032	0.0018	0.0003	0.0018	0.0048

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
378	2035	ALT2	WB	MD	HOV	0.10	0.13	3.44	0.36	1129	734	0.0050	0.0046	0.0031	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0011
379	2035	ALT2	WB	MD	HOV	0.15	0.20	5.50	0.55	1789	1163	0.0085	0.0079	0.0048	0.0003	0.0009	0.0037	0.0011	0.0007	0.0001	0.0006	0.0019
380	2035	ALT2	WB	MD	HOV	0.14	0.19	5.11	0.51	1661	1080	0.0079	0.0073	0.0045	0.0002	0.0009	0.0034	0.0010	0.0006	0.0001	0.0005	0.0017
381	2035	ALT2	WB	MD	HOV	0.50	0.70	18.72	1.88	6090	3958	0.0289	0.0268	0.0164	0.0009	0.0032	0.0126	0.0037	0.0024	0.0003	0.0019	0.0064
382	2035	ALT2	WB	MD	HOV	0.07	0.10	2.76	0.28	897	583	0.0043	0.0039	0.0024	0.0001	0.0005	0.0019	0.0006	0.0004	0.0001	0.0003	0.0009
383	2035	ALT2	WB	MD	HOV	0.31	0.44	11.76	1.18	3826	2487	0.0182	0.0168	0.0103	0.0006	0.0020	0.0079	0.0023	0.0015	0.0002	0.0012	0.0040
384	2035	ALT2	WB	MD	HOV	0.18	0.26	6.96	0.70	2266	1473	0.0108	0.0100	0.0061	0.0003	0.0012	0.0047	0.0014	0.0009	0.0001	0.0007	0.0024
385	2035	ALT2	WB	MD	HOV	0.46	0.65	17.36	1.74	5648	3671	0.0268	0.0249	0.0153	0.0008	0.0029	0.0117	0.0035	0.0022	0.0003	0.0018	0.0059
386	2035	ALT2	WB	MD	HOV	0.14	0.19	5.17	0.52	1682	1094	0.0080	0.0074	0.0045	0.0002	0.0009	0.0035	0.0010	0.0007	0.0001	0.0005	0.0018
387	2035	ALT2	WB	MD	HOV	0.12	0.17	4.52	0.45	1471	956	0.0070	0.0065	0.0040	0.0002	0.0008	0.0030	0.0009	0.0006	0.0001	0.0005	0.0015
388	2035	ALT2	WB	MD	HOV	0.12	0.17	4.58	0.46	1489	968	0.0071	0.0066	0.0040	0.0002	0.0008	0.0031	0.0009	0.0006	0.0001	0.0005	0.0016
389	2035	ALT2	WB	MD	HOV	0.48	0.67	17.95	1.80	5840	3796	0.0277	0.0257	0.0158	0.0008	0.0030	0.0121	0.0036	0.0023	0.0003	0.0019	0.0061
390	2035	ALT2	WB	MD	HOV	0.02	0.03	0.78	0.08	259	168	0.0011	0.0011	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
391	2035	ALT2	WB	MD	HOV	0.30	0.40	10.48	1.12	3469	2255	0.0152	0.0141	0.0097	0.0005	0.0019	0.0074	0.0022	0.0012	0.0002	0.0012	0.0033
392	2035	ALT2	WB	MD	HOV	0.04	0.06	1.49	0.16	493	321	0.0022	0.0020	0.0014	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0005
393	2035	ALT2	WB	MD	HOV	0.28	0.38	9.89	1.05	3271	2127	0.0144	0.0133	0.0091	0.0005	0.0018	0.0070	0.0021	0.0012	0.0002	0.0012	0.0031
394	2035	ALT2	WB	MD	HOV	0.20	0.27	7.05	0.75	2333	1517	0.0103	0.0095	0.0065	0.0003	0.0013	0.0050	0.0015	0.0008	0.0001	0.0008	0.0022
395	2035	ALT2	WB	MD	HOV	0.28	0.39	10.06	1.07	3330	2165	0.0146	0.0136	0.0093	0.0005	0.0018	0.0071	0.0021	0.0012	0.0002	0.0012	0.0031
396	2035	ALT2	WB	MD	HOV	0.08	0.11	2.88	0.31	953	620	0.0042	0.0039	0.0027	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0009
397	2035	ALT2	WB	MD	HOV	0.28	0.38	9.99	1.07	3305	2149	0.0145	0.0135	0.0092	0.0005	0.0018	0.0071	0.0021	0.0012	0.0002	0.0012	0.0031
398	2035	ALT2	WB	MD	HOV	0.41	0.55	14.43	1.54	4774	3104	0.0210	0.0195	0.0133	0.0007	0.0026	0.0102	0.0030	0.0017	0.0002	0.0017	0.0045
399	2035	ALT2	WB	MD	HOV	0.35	0.47	12.30	1.31	4068	2645	0.0179	0.0166	0.0113	0.0006	0.0022	0.0087	0.0026	0.0015	0.0002	0.0014	0.0038
400	2035	ALT2	WB	MD	HOV	0.25	0.34	8.87	0.95	2933	1907	0.0129	0.0120	0.0082	0.0004	0.0016	0.0063	0.0019	0.0010	0.0002	0.0010	0.0028
401	2035	ALT2	WB	MD	HOV	0.18	0.24	6.35	0.68	2100	1366	0.0092	0.0086	0.0058	0.0003	0.0011	0.0045	0.0013	0.0007	0.0001	0.0007	0.0020
402	2035	ALT2	WB	MD	HOV	0.17	0.23	6.12	0.65	2025	1316	0.0089	0.0083	0.0056	0.0003	0.0011	0.0043	0.0013	0.0007	0.0001	0.0007	0.0019
403	2035	ALT2	WB	MD	HOV	0.37	0.51	13.58	1.41	4430	2880	0.0199	0.0185	0.0121	0.0006	0.0024	0.0093	0.0028	0.0016	0.0002	0.0015	0.0043
404	2035	ALT2	WB	MD	HOV	0.21	0.29	7.67	0.80	2503	1627	0.0113	0.0104	0.0068	0.0004	0.0013	0.0053	0.0016	0.0009	0.0001	0.0009	0.0025
405	2035	ALT2	WB	MD	HOV	0.29	0.40	10.61	1.10	3461	2250	0.0156	0.0144	0.0095	0.0005	0.0019	0.0073	0.0022	0.0013	0.0002	0.0012	0.0034
406	2035	ALT2	WB	MD	HOV	0.22	0.31	8.23	0.86	2685	1746	0.0121	0.0112	0.0073	0.0004	0.0014	0.0056	0.0017	0.0010	0.0001	0.0009	0.0026
407	2035	ALT2	WB	MD	HOV	0.34	0.46	12.41	1.29	4049	2632	0.0182	0.0169	0.0111	0.0006	0.0022	0.0085	0.0025	0.0015	0.0002	0.0014	0.0040
408	2035	ALT2	WB	MD	HOV	0.21	0.29	7.76	0.81	2533	1647	0.0114	0.0106	0.0069	0.0004	0.0014	0.0053	0.0016	0.0009	0.0001	0.0009	0.0025
409	2035	ALT2	WB	MD	HOV	0.29	0.41	10.83	1.13	3534	2298	0.0159	0.0147	0.0097	0.0005	0.0019	0.0074	0.0022	0.0013	0.0002	0.0012	0.0035
410	2035	ALT2	WB	MD	HOV	0.53	0.71	17.62	1.92	5986	3892	0.0257	0.0239	0.0171	0.0009	0.0034	0.0131	0.0039	0.0021	0.0003	0.0022	0.0053
411	2035	ALT2	WB	MD	HOV	0.28	0.38	9.44	1.03	3206	2084	0.0138	0.0128	0.0092	0.0005	0.0018	0.0070	0.0021	0.0011	0.0002	0.0012	0.0028
412	2035	ALT2	WB	MD	HOV	0.11	0.15	3.62	0.39	1229	799	0.0053	0.0049	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0005	0.0011
413	2035	ALT2	WB	MD	HOV	0.06	0.07	1.85	0.20	628	409	0.0027	0.0025	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0006
414	2035	ALT2	WB	MD	HOV	0.24	0.32	7.88	0.86	2678	1741	0.0115	0.0107	0.0077	0.0004	0.0015	0.0059	0.0018	0.0009	0.0001	0.0010	0.0024
415	2035	ALT2	WB	MD	HOV	0.06	0.07	1.85	0.20	628	408	0.0027	0.0025	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0006
416	2035	ALT2	WB	MD	HOV	0.01	0.01	0.29	0.03	97	63	0.0004	0.0004	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
417	2035	ALT2	WB	MD	HOV	0.24	0.32	8.07	0.88	2740	1781	0.0118	0.0109	0.0078	0.0004	0.0015	0.0060	0.0018	0.0009	0.0001	0.0010	0.0024
418	2035	ALT2	WB	MD	HOV	0.10	0.14	3.47	0.38	1179	766	0.0051	0.0047	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0010
419	2035	ALT2	WB	MD	HOV	0.17	0.23	5.72	0.62	1942	1262	0.0084	0.0077	0.0056	0.0003	0.0011	0.0043	0.0013	0.0007	0.0001	0.0007	0.0017
420	2035	ALT2	WB	MD	HOV	0.22	0.30	8.08	0.83	2620	1703	0.0119	0.0111	0.0071	0.0004	0.0014	0.0055	0.0016	0.0010	0.0001	0.0009	0.0026
421	2035	ALT2	WB	MD	HOV	0.20	0.28	7.65	0.79	2481	1613	0.0113	0.0105	0.0067	0.0004	0.0013	0.0052	0.0015	0.0009	0.0001	0.0008	0.0025
422	2035	ALT2	WB	MD	HOV	0.24	0.34	9.08	0.93	2945	1915	0.0134	0.0124	0.0080	0.0004	0.0016	0.0061	0.0018	0.0011	0.0002	0.0010	0.0029
423	2035	ALT2	WB	MD	HOV	0.47	0.65	17.51	1.80	5678	3691	0.0259	0.0240	0.0154	0.0008	0.0030	0.0118	0.0035	0.0021	0.0003	0.0019	0.0057
424	2035	ALT2	WB	MD	HOV	0.11	0.16	4.28	0.44	1389	903	0.0063	0.0059	0.0038	0.0002	0.0007	0.0029	0.0009	0.0005	0.0001	0.0005	0.0014
425	2035	ALT2	WB	MD	HOV	0.27	0.37	10.12	1.04	3282	2133	0.0150	0.0139	0.0089	0.0005	0.0017	0.0068	0.0020	0.0012	0.0002	0.0011	0.0033

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
426	2035	ALT2	WB	MD	HOV	0.14	0.20	5.33	0.55	1727	1123	0.0079	0.0073	0.0047	0.0003	0.0009	0.0036	0.0011	0.0006	0.0001	0.0006	0.0017
427	2035	ALT2	WB	MD	HOV	0.27	0.38	10.18	1.05	3303	2147	0.0151	0.0140	0.0090	0.0005	0.0017	0.0069	0.0020	0.0012	0.0002	0.0011	0.0033
428	2035	ALT2	WB	MD	HOV	0.29	0.40	10.87	1.12	3526	2292	0.0161	0.0149	0.0096	0.0005	0.0019	0.0073	0.0022	0.0013	0.0002	0.0012	0.0035
429	2035	ALT2	WB	MD	HOV	0.19	0.27	7.25	0.74	2352	1529	0.0107	0.0099	0.0064	0.0003	0.0012	0.0049	0.0015	0.0009	0.0001	0.0008	0.0024
430	2035	ALT2	WB	MD	HOV	0.15	0.20	4.61	0.52	1647	1071	0.0070	0.0065	0.0050	0.0003	0.0010	0.0038	0.0011	0.0006	0.0001	0.0006	0.0014
431	2035	ALT2	WB	MD	HOV	0.14	0.18	4.16	0.47	1485	965	0.0063	0.0059	0.0045	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0012
432	2035	ALT2	WB	MD	HOV	0.16	0.22	4.90	0.55	1748	1137	0.0075	0.0069	0.0053	0.0003	0.0010	0.0040	0.0012	0.0006	0.0001	0.0007	0.0014
433	2035	ALT2	WB	MD	HOV	0.26	0.37	9.67	0.96	3183	2068	0.0157	0.0146	0.0086	0.0005	0.0016	0.0066	0.0020	0.0013	0.0002	0.0010	0.0034
434	2035	ALT2	WB	MD	HOV	0.22	0.31	8.13	0.80	2675	1739	0.0132	0.0122	0.0072	0.0004	0.0014	0.0055	0.0016	0.0011	0.0002	0.0008	0.0029
435	2035	ALT2	WB	MD	HOV	0.42	0.59	15.59	1.54	5133	3336	0.0253	0.0235	0.0139	0.0007	0.0027	0.0106	0.0032	0.0021	0.0003	0.0016	0.0055
436	2035	ALT2	WB	MD	HOV	0.04	0.06	1.49	0.15	492	319	0.0024	0.0022	0.0013	0.0001	0.0003	0.0010	0.0003	0.0002	0.0000	0.0002	0.0005
437	2035	ALT2	WB	MD	HOV	0.44	0.63	16.58	1.64	5459	3548	0.0269	0.0250	0.0148	0.0008	0.0028	0.0113	0.0034	0.0022	0.0003	0.0017	0.0059
216	2035	ALT2	WB	PM	Mainline	0.93	1.14	16.28	7.81	10427	8202	0.3490	0.3212	0.0261	0.0009	0.0364	0.0791	0.0048	0.0020	0.0016	0.3306	0.4523
217	2035	ALT2	WB	PM	Mainline	1.73	2.12	29.91	15.08	19622	15546	0.6786	0.6245	0.0482	0.0016	0.0708	0.1531	0.0087	0.0037	0.0032	0.6455	0.8880
218	2035	ALT2	WB	PM	Mainline	1.16	1.42	20.25	9.73	12983	10215	0.4357	0.4010	0.0325	0.0011	0.0453	0.0986	0.0060	0.0025	0.0021	0.4128	0.5637
219	2035	ALT2	WB	PM	Mainline	1.69	2.07	29.45	14.49	19077	15069	0.6445	0.5932	0.0471	0.0016	0.0682	0.1476	0.0085	0.0037	0.0030	0.6117	0.8528
220	2035	ALT2	WB	PM	Mainline	0.98	1.21	17.62	7.59	10727	8311	0.3302	0.3040	0.0277	0.0010	0.0349	0.0770	0.0052	0.0022	0.0016	0.3093	0.4268
221	2035	ALT2	WB	PM	Mainline	0.87	1.08	15.60	7.06	9710	7578	0.3089	0.2843	0.0246	0.0009	0.0328	0.0718	0.0046	0.0020	0.0015	0.2908	0.4053
222	2035	ALT2	WB	PM	Mainline	1.01	1.24	18.35	7.58	10957	8437	0.3258	0.3000	0.0287	0.0011	0.0346	0.0768	0.0055	0.0023	0.0016	0.3036	0.4199
223	2035	ALT2	WB	PM	Mainline	0.48	0.59	8.74	3.54	5172	3971	0.1513	0.1393	0.0136	0.0005	0.0161	0.0358	0.0026	0.0011	0.0007	0.1407	0.1947
224	2035	ALT2	WB	PM	Mainline	0.63	0.78	11.47	4.87	6933	5362	0.2102	0.1935	0.0180	0.0007	0.0224	0.0495	0.0034	0.0015	0.0010	0.1965	0.2738
225	2035	ALT2	WB	PM	Mainline	0.41	0.50	7.32	3.18	4467	3465	0.1377	0.1267	0.0115	0.0004	0.0146	0.0322	0.0022	0.0009	0.0007	0.1290	0.1795
226	2035	ALT2	WB	PM	Mainline	1.80	2.22	32.19	14.23	19841	15424	0.6250	0.5753	0.0510	0.0019	0.0655	0.1440	0.0096	0.0041	0.0030	0.5870	0.8040
227	2035	ALT2	WB	PM	Mainline	0.66	0.82	12.09	4.87	7150	5483	0.2098	0.1931	0.0190	0.0007	0.0220	0.0492	0.0037	0.0016	0.0010	0.1949	0.2658
228	2035	ALT2	WB	PM	Mainline	0.39	0.48	7.33	2.55	4079	3062	0.1055	0.0971	0.0113	0.0005	0.0112	0.0257	0.0023	0.0010	0.0005	0.0960	0.1310
229	2035	ALT2	WB	PM	Mainline	2.64	3.29	49.96	17.77	27979	21080	0.7331	0.6749	0.0768	0.0031	0.0789	0.1794	0.0152	0.0065	0.0037	0.6692	0.9276
230	2035	ALT2	WB	PM	Mainline	0.70	0.87	13.54	4.29	7246	5368	0.1708	0.1573	0.0206	0.0009	0.0185	0.0431	0.0042	0.0018	0.0009	0.1529	0.2111
231	2035	ALT2	WB	PM	Mainline	0.74	0.93	14.34	4.78	7819	5837	0.1928	0.1775	0.0218	0.0009	0.0209	0.0482	0.0044	0.0019	0.0010	0.1741	0.2426
232	2035	ALT2	WB	PM	Mainline	0.69	0.86	13.03	4.62	7293	5490	0.1910	0.1759	0.0201	0.0008	0.0204	0.0466	0.0040	0.0017	0.0010	0.1743	0.2397
233	2035	ALT2	WB	PM	Mainline	2.37	2.95	45.22	16.51	25476	19289	0.6726	0.6192	0.0685	0.0027	0.0744	0.1678	0.0134	0.0058	0.0033	0.6160	0.8859
234	2035	ALT2	WB	PM	Mainline	0.39	0.48	7.44	2.55	4089	3066	0.1027	0.0946	0.0113	0.0005	0.0113	0.0258	0.0022	0.0010	0.0005	0.0932	0.1320
235	2035	ALT2	WB	PM	Mainline	1.54	1.93	29.86	10.51	16550	12465	0.4221	0.3886	0.0449	0.0018	0.0470	0.1066	0.0088	0.0038	0.0021	0.3843	0.5553
236	2035	ALT2	WB	PM	Mainline	1.09	1.36	21.54	6.68	11366	8403	0.2589	0.2384	0.0321	0.0014	0.0289	0.0673	0.0065	0.0028	0.0013	0.2305	0.3301
237	2035	ALT2	WB	PM	Mainline	1.69	2.10	32.14	11.46	17982	13561	0.4693	0.4320	0.0490	0.0020	0.0511	0.1160	0.0097	0.0041	0.0023	0.4284	0.6034
238	2035	ALT2	WB	PM	Mainline	0.53	0.66	10.22	3.53	5638	4232	0.1426	0.1313	0.0155	0.0006	0.0156	0.0357	0.0031	0.0013	0.0007	0.1295	0.1831
239	2035	ALT2	WB	PM	Mainline	0.47	0.58	9.03	3.10	4969	3727	0.1250	0.1151	0.0137	0.0006	0.0137	0.0313	0.0027	0.0012	0.0006	0.1134	0.1605
240	2035	ALT2	WB	PM	Mainline	0.57	0.71	11.13	3.49	5916	4379	0.1372	0.1263	0.0168	0.0007	0.0151	0.0352	0.0034	0.0015	0.0007	0.1225	0.1722
241	2035	ALT2	WB	PM	Mainline	2.07	2.59	40.23	13.34	21841	16298	0.5330	0.4908	0.0608	0.0026	0.0586	0.1347	0.0122	0.0052	0.0027	0.4808	0.6791
242	2035	ALT2	WB	PM	Mainline	0.13	0.16	2.45	0.86	1364	1025	0.0353	0.0325	0.0038	0.0002	0.0038	0.0087	0.0007	0.0003	0.0002	0.0321	0.0445
243	2035	ALT2	WB	PM	Mainline	1.64	2.05	31.22	11.22	17529	13232	0.4610	0.4244	0.0477	0.0019	0.0501	0.1135	0.0094	0.0040	0.0023	0.4214	0.5917
244	2035	ALT2	WB	PM	Mainline	0.25	0.31	4.69	1.64	2612	1963	0.0674	0.0621	0.0072	0.0003	0.0073	0.0166	0.0014	0.0006	0.0003	0.0614	0.0852
245	2035	ALT2	WB	PM	Mainline	1.58	1.97	30.09	10.77	16860	12719	0.4415	0.4065	0.0460	0.0019	0.0480	0.1090	0.0091	0.0039	0.0022	0.4033	0.5671
246	2035	ALT2	WB	PM	Mainline	1.18	1.47	22.46	7.86	12493	9390	0.3224	0.2968	0.0344	0.0014	0.0348	0.0793	0.0068	0.0029	0.0016	0.2935	0.4074
247	2035	ALT2	WB	PM	Mainline	1.57	1.95	29.60	10.89	16781	12710	0.4504	0.4147	0.0454	0.0018	0.0488	0.1102	0.0089	0.0038	0.0022	0.4131	0.5798
248	2035	ALT2	WB	PM	Mainline	0.54	0.67	10.44	3.30	5572	4128	0.1306	0.1202	0.0158	0.0007	0.0143	0.0332	0.0032	0.0014	0.0007	0.1168	0.1631
249	2035	ALT2	WB	PM	Mainline	1.71	2.13	32.78	10.88	17865	13325	0.4400	0.4052	0.0501	0.0021	0.0476	0.1097	0.0101	0.0043	0.0022	0.3972	0.5495
250	2035	ALT2	WB	PM	Mainline	2.71	3.39	52.75	16.75	28205	20908	0.6634	0.6109	0.0798	0.0034	0.0726	0.1687	0.0161	0.0069	0.0034	0.5938	0.8296
251	2035	ALT2	WB	PM	Mainline	2.16	2.70	41.99	13.81	22713	16931	0.5495	0.5060	0.0633	0.0027	0.0606	0.1395	0.0127	0.0054	0.0028	0.4949	0.7012

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
252	2035	ALT2	WB	PM	Mainline	1.69	2.11	32.84	10.48	17591	13049	0.4157	0.3828	0.0497	0.0021	0.0455	0.1056	0.0100	0.0043	0.0021	0.3724	0.5207
253	2035	ALT2	WB	PM	Mainline	1.21	1.51	23.52	7.50	12598	9345	0.2977	0.2741	0.0356	0.0015	0.0326	0.0756	0.0072	0.0031	0.0015	0.2667	0.3729
254	2035	ALT2	WB	PM	Mainline	1.16	1.46	22.67	7.23	12145	9010	0.2870	0.2643	0.0343	0.0015	0.0314	0.0729	0.0069	0.0030	0.0015	0.2571	0.3595
255	2035	ALT2	WB	PM	Mainline	1.84	2.29	34.41	13.30	19929	15204	0.5579	0.5136	0.0531	0.0021	0.0602	0.1349	0.0103	0.0044	0.0027	0.5154	0.7234
256	2035	ALT2	WB	PM	Mainline	1.23	1.54	23.78	7.91	12951	9666	0.3185	0.2933	0.0362	0.0015	0.0347	0.0798	0.0072	0.0031	0.0016	0.2875	0.4015
257	2035	ALT2	WB	PM	Mainline	1.59	1.98	30.47	10.58	16848	12657	0.4284	0.3944	0.0462	0.0019	0.0469	0.1070	0.0092	0.0039	0.0022	0.3894	0.5509
258	2035	ALT2	WB	PM	Mainline	1.37	1.72	26.38	8.71	14358	10699	0.3527	0.3247	0.0404	0.0017	0.0380	0.0877	0.0081	0.0035	0.0018	0.3181	0.4374
259	2035	ALT2	WB	PM	Mainline	1.99	2.49	38.05	12.81	20876	15599	0.5225	0.4810	0.0584	0.0025	0.0561	0.1291	0.0117	0.0050	0.0026	0.4728	0.6493
260	2035	ALT2	WB	PM	Mainline	1.33	1.66	25.56	8.43	13901	10357	0.3410	0.3139	0.0391	0.0017	0.0367	0.0849	0.0079	0.0033	0.0017	0.3074	0.4232
261	2035	ALT2	WB	PM	Mainline	1.66	2.07	31.54	10.99	17519	13159	0.4507	0.4150	0.0484	0.0020	0.0485	0.1109	0.0096	0.0041	0.0023	0.4101	0.5681
262	2035	ALT2	WB	PM	Mainline	4.03	5.02	75.54	27.81	42965	32524	1.1649	1.0724	0.1171	0.0047	0.1240	0.2806	0.0230	0.0098	0.0058	1.0691	1.4676
263	2035	ALT2	WB	PM	Mainline	2.01	2.49	37.39	14.23	21543	16390	0.5989	0.5513	0.0580	0.0023	0.0640	0.1438	0.0113	0.0048	0.0030	0.5522	0.7637
264	2035	ALT2	WB	PM	Mainline	0.79	0.98	14.90	5.78	8621	6585	0.2398	0.2208	0.0228	0.0009	0.0263	0.0588	0.0044	0.0019	0.0012	0.2216	0.3175
265	2035	ALT2	WB	PM	Mainline	0.42	0.52	7.87	3.01	4534	3453	0.1255	0.1156	0.0121	0.0005	0.0136	0.0305	0.0024	0.0010	0.0006	0.1158	0.1627
266	2035	ALT2	WB	PM	Mainline	1.39	1.72	25.04	11.17	15464	12046	0.4843	0.4457	0.0393	0.0014	0.0519	0.1138	0.0073	0.0032	0.0023	0.4551	0.6402
267	2035	ALT2	WB	PM	Mainline	0.45	0.55	8.20	3.45	4927	3805	0.1472	0.1355	0.0128	0.0005	0.0159	0.0351	0.0024	0.0010	0.0007	0.1374	0.1938
268	2035	ALT2	WB	PM	Mainline	0.08	0.10	1.49	0.58	862	658	0.0241	0.0222	0.0023	0.0001	0.0026	0.0059	0.0004	0.0002	0.0001	0.0223	0.0314
269	2035	ALT2	WB	PM	Mainline	2.12	2.63	39.62	15.54	23060	17636	0.6501	0.5984	0.0609	0.0024	0.0708	0.1580	0.0117	0.0050	0.0032	0.6015	0.8543
270	2035	ALT2	WB	PM	Mainline	0.92	1.13	16.82	7.05	10086	7788	0.2999	0.2760	0.0261	0.0010	0.0325	0.0718	0.0049	0.0021	0.0014	0.2798	0.3971
271	2035	ALT2	WB	PM	Mainline	1.41	1.74	25.91	11.08	15654	12131	0.4685	0.4312	0.0400	0.0015	0.0516	0.1135	0.0075	0.0032	0.0023	0.4380	0.6346
272	2035	ALT2	WB	PM	Mainline	1.02	1.27	18.86	7.99	11342	8778	0.3363	0.3096	0.0290	0.0011	0.0372	0.0819	0.0055	0.0024	0.0016	0.3140	0.4569
273	2035	ALT2	WB	PM	Mainline	1.03	1.28	19.08	7.87	11358	8752	0.3333	0.3068	0.0295	0.0011	0.0363	0.0803	0.0056	0.0024	0.0016	0.3104	0.4418
274	2035	ALT2	WB	PM	Mainline	1.18	1.46	21.49	9.16	12990	10055	0.3916	0.3604	0.0335	0.0012	0.0424	0.0934	0.0063	0.0027	0.0019	0.3661	0.5190
275	2035	ALT2	WB	PM	Mainline	2.22	2.75	40.89	16.39	24073	18459	0.6961	0.6408	0.0635	0.0025	0.0746	0.1662	0.0122	0.0052	0.0034	0.6462	0.9014
276	2035	ALT2	WB	PM	Mainline	0.62	0.77	11.60	4.27	6592	4992	0.1781	0.1640	0.0179	0.0007	0.0191	0.0432	0.0035	0.0015	0.0009	0.1635	0.2265
277	2035	ALT2	WB	PM	Mainline	1.35	1.67	25.08	9.81	14604	11160	0.4133	0.3805	0.0388	0.0015	0.0445	0.0995	0.0075	0.0032	0.0020	0.3824	0.5353
278	2035	ALT2	WB	PM	Mainline	0.68	0.84	12.32	5.32	7505	5818	0.2303	0.2120	0.0193	0.0007	0.0246	0.0541	0.0036	0.0016	0.0011	0.2157	0.3009
279	2035	ALT2	WB	PM	Mainline	1.33	1.64	24.47	10.28	14671	11338	0.4344	0.3999	0.0378	0.0014	0.0476	0.1051	0.0071	0.0031	0.0021	0.4053	0.5832
280	2035	ALT2	WB	PM	Mainline	1.45	1.80	27.06	10.82	15856	12168	0.4509	0.4151	0.0414	0.0016	0.0497	0.1104	0.0079	0.0034	0.0022	0.4182	0.6037
281	2035	ALT2	WB	PM	Mainline	1.06	1.31	20.22	7.54	11468	8714	0.3059	0.2816	0.0305	0.0012	0.0343	0.0768	0.0059	0.0026	0.0015	0.2809	0.4109
282	2035	ALT2	WB	PM	Mainline	1.55	1.92	29.15	11.35	16870	12898	0.4684	0.4312	0.0444	0.0017	0.0520	0.1159	0.0085	0.0037	0.0023	0.4328	0.6282
283	2035	ALT2	WB	PM	Mainline	1.44	1.79	27.31	10.39	15637	11917	0.4250	0.3913	0.0413	0.0016	0.0474	0.1060	0.0080	0.0035	0.0021	0.3915	0.5708
284	2035	ALT2	WB	PM	Mainline	1.77	2.21	34.19	12.48	19204	14550	0.5024	0.4625	0.0512	0.0020	0.0566	0.1272	0.0100	0.0043	0.0025	0.4599	0.6759
285	2035	ALT2	WB	PM	Mainline	1.27	1.57	23.91	9.31	13834	10576	0.3839	0.3534	0.0364	0.0014	0.0426	0.0950	0.0070	0.0030	0.0019	0.3548	0.5149
286	2035	ALT2	WB	PM	Mainline	1.03	1.28	19.13	7.91	11380	8775	0.3323	0.3059	0.0294	0.0011	0.0366	0.0808	0.0056	0.0024	0.0016	0.3094	0.4469
287	2035	ALT2	WB	PM	Mainline	1.87	2.31	34.04	14.82	20755	16120	0.6326	0.5823	0.0529	0.0019	0.0690	0.1515	0.0099	0.0043	0.0030	0.5927	0.8498
288	2035	ALT2	WB	PM	Mainline	0.21	0.27	4.07	1.49	2296	1738	0.0610	0.0561	0.0062	0.0002	0.0067	0.0151	0.0012	0.0005	0.0003	0.0559	0.0796
289	2035	ALT2	WB	PM	Mainline	2.24	2.79	42.87	16.07	24384	18542	0.6543	0.6024	0.0647	0.0026	0.0731	0.1639	0.0125	0.0054	0.0032	0.6014	0.8775
290	2035	ALT2	WB	PM	Ramp	0.04	0.05	1.26	0.16	436	291	0.0028	0.0026	0.0012	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0010	0.0041
291	2035	ALT2	WB	PM	Ramp	0.03	0.04	0.92	0.12	340	228	0.0025	0.0023	0.0009	0.0000	0.0005	0.0012	0.0002	0.0001	0.0000	0.0009	0.0043
292	2035	ALT2	WB	PM	Ramp	0.01	0.01	0.29	0.04	104	70	0.0007	0.0007	0.0003	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0003	0.0013
293	2035	ALT2	WB	PM	Ramp	0.10	0.15	2.18	0.32	1004	676	0.0085	0.0079	0.0033	0.0002	0.0020	0.0051	0.0007	0.0005	0.0001	0.0025	0.0213
294	2035	ALT2	WB	PM	Ramp	0.03	0.04	0.93	0.14	363	247	0.0030	0.0027	0.0010	0.0000	0.0006	0.0016	0.0002	0.0001	0.0000	0.0013	0.0067
295	2035	ALT2	WB	PM	Ramp	0.07	0.11	1.67	0.24	755	507	0.0063	0.0058	0.0024	0.0001	0.0014	0.0036	0.0005	0.0004	0.0001	0.0018	0.0141
296	2035	ALT2	WB	PM	Ramp	0.02	0.03	0.38	0.07	180	125	0.0018	0.0017	0.0006	0.0000	0.0005	0.0011	0.0001	0.0001	0.0000	0.0009	0.0056
297	2035	ALT2	WB	PM	Ramp	0.36	0.46	7.66	2.20	3670	2721	0.0485	0.0447	0.0102	0.0004	0.0146	0.0316	0.0018	0.0011	0.0003	0.0368	0.1838
298	2035	ALT2	WB	PM	Ramp	0.00	0.00	0.09	0.01	34	23	0.0003	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0005
299	2035	ALT2	WB	PM	Ramp	0.01	0.02	0.46	0.07	165	112	0.0013	0.0012	0.0004	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0006	0.0026

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
300	2035	ALT2	WB	PM	Ramp	0.19	0.27	6.06	0.80	2224	1493	0.0159	0.0148	0.0061	0.0003	0.0030	0.0081	0.0013	0.0009	0.0002	0.0058	0.0282
301	2035	ALT2	WB	PM	Ramp	0.08	0.11	2.10	0.37	871	603	0.0080	0.0074	0.0025	0.0001	0.0019	0.0047	0.0005	0.0003	0.0001	0.0041	0.0219
302	2035	ALT2	WB	PM	Ramp	0.01	0.01	0.28	0.04	102	69	0.0008	0.0007	0.0003	0.0000	0.0002	0.0004	0.0001	0.0000	0.0000	0.0004	0.0017
303	2035	ALT2	WB	PM	Ramp	0.03	0.04	0.79	0.16	332	234	0.0034	0.0031	0.0009	0.0000	0.0009	0.0020	0.0002	0.0001	0.0000	0.0020	0.0104
304	2035	ALT2	WB	PM	Ramp	0.02	0.03	0.77	0.11	283	191	0.0021	0.0019	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0008	0.0039
305	2035	ALT2	WB	PM	Ramp	0.05	0.06	1.20	0.23	499	350	0.0049	0.0045	0.0014	0.0001	0.0012	0.0029	0.0003	0.0002	0.0000	0.0028	0.0144
306	2035	ALT2	WB	PM	Ramp	0.02	0.03	0.60	0.07	221	147	0.0015	0.0014	0.0006	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0004	0.0022
307	2035	ALT2	WB	PM	Ramp	0.07	0.10	1.45	0.22	688	464	0.0060	0.0055	0.0023	0.0001	0.0016	0.0039	0.0005	0.0004	0.0001	0.0018	0.0172
308	2035	ALT2	WB	PM	Ramp	0.04	0.06	1.05	0.19	438	306	0.0042	0.0039	0.0012	0.0001	0.0011	0.0025	0.0002	0.0002	0.0000	0.0023	0.0122
309	2035	ALT2	WB	PM	Ramp	0.04	0.06	0.75	0.16	372	262	0.0039	0.0036	0.0012	0.0000	0.0013	0.0030	0.0002	0.0002	0.0000	0.0020	0.0160
310	2035	ALT2	WB	PM	Ramp	0.21	0.27	5.47	1.28	2337	1692	0.0318	0.0293	0.0061	0.0002	0.0063	0.0144	0.0012	0.0006	0.0002	0.0250	0.0755
311	2035	ALT2	WB	PM	Ramp	0.07	0.10	1.54	0.28	726	501	0.0069	0.0064	0.0023	0.0001	0.0019	0.0046	0.0005	0.0003	0.0001	0.0030	0.0223
312	2035	ALT2	WB	PM	Ramp	0.01	0.02	0.38	0.06	157	108	0.0014	0.0013	0.0005	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0007	0.0038
313	2035	ALT2	WB	PM	Ramp	0.17	0.23	5.14	0.90	1983	1380	0.0185	0.0171	0.0053	0.0002	0.0042	0.0102	0.0011	0.0007	0.0001	0.0110	0.0480
314	2035	ALT2	WB	PM	Ramp	0.04	0.06	1.41	0.16	517	341	0.0033	0.0031	0.0015	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0006	0.0032
315	2035	ALT2	WB	PM	Ramp	0.06	0.09	1.47	0.22	648	439	0.0055	0.0051	0.0020	0.0001	0.0011	0.0030	0.0004	0.0003	0.0001	0.0019	0.0119
316	2035	ALT2	WB	PM	Ramp	0.02	0.03	0.59	0.10	234	161	0.0021	0.0019	0.0007	0.0000	0.0005	0.0012	0.0001	0.0001	0.0000	0.0011	0.0053
317	2035	ALT2	WB	PM	Ramp	0.06	0.08	1.18	0.22	552	382	0.0053	0.0049	0.0017	0.0001	0.0014	0.0034	0.0004	0.0003	0.0000	0.0024	0.0164
318	2035	ALT2	WB	PM	Ramp	0.01	0.02	0.48	0.06	174	115	0.0011	0.0010	0.0005	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0003	0.0013
319	2035	ALT2	WB	PM	Ramp	0.05	0.08	1.30	0.20	575	390	0.0049	0.0046	0.0018	0.0001	0.0010	0.0026	0.0004	0.0003	0.0000	0.0017	0.0107
320	2035	ALT2	WB	PM	Ramp	0.03	0.04	0.88	0.12	338	229	0.0026	0.0024	0.0010	0.0000	0.0005	0.0014	0.0002	0.0001	0.0000	0.0010	0.0052
321	2035	ALT2	WB	PM	Ramp	0.07	0.11	1.70	0.26	765	517	0.0065	0.0060	0.0024	0.0001	0.0014	0.0037	0.0005	0.0004	0.0001	0.0022	0.0152
322	2035	ALT2	WB	PM	Ramp	0.03	0.04	0.82	0.14	336	231	0.0030	0.0027	0.0010	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0014	0.0076
323	2035	ALT2	WB	PM	Ramp	0.09	0.12	2.42	0.46	988	692	0.0096	0.0089	0.0027	0.0001	0.0024	0.0057	0.0005	0.0004	0.0001	0.0057	0.0282
324	2035	ALT2	WB	PM	Ramp	0.02	0.03	0.59	0.09	226	154	0.0018	0.0017	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0008	0.0040
325	2035	ALT2	WB	PM	Ramp	0.13	0.18	2.76	0.53	1297	902	0.0128	0.0119	0.0040	0.0002	0.0034	0.0081	0.0008	0.0006	0.0001	0.0062	0.0397
326	2035	ALT2	WB	PM	Ramp	0.06	0.08	1.76	0.23	670	449	0.0049	0.0045	0.0019	0.0001	0.0009	0.0025	0.0004	0.0003	0.0000	0.0017	0.0086
327	2035	ALT2	WB	PM	Ramp	0.12	0.17	2.35	0.50	1150	807	0.0120	0.0111	0.0038	0.0002	0.0038	0.0088	0.0007	0.0005	0.0001	0.0061	0.0463
328	2035	ALT2	WB	PM	Ramp	0.02	0.03	0.75	0.10	278	187	0.0020	0.0019	0.0008	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0007	0.0036
329	2035	ALT2	WB	PM	Ramp	0.05	0.07	1.17	0.19	522	356	0.0046	0.0043	0.0016	0.0001	0.0010	0.0026	0.0003	0.0003	0.0000	0.0018	0.0109
330	2035	ALT2	WB	PM	Ramp	0.02	0.03	0.55	0.08	209	143	0.0017	0.0016	0.0006	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0008	0.0038
331	2035	ALT2	WB	PM	Ramp	0.07	0.09	1.87	0.35	761	533	0.0073	0.0068	0.0021	0.0001	0.0018	0.0043	0.0004	0.0003	0.0001	0.0043	0.0212
332	2035	ALT2	WB	PM	Ramp	0.03	0.04	0.90	0.17	354	248	0.0035	0.0032	0.0009	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0022	0.0095
333	2035	ALT2	WB	PM	Ramp	0.07	0.10	1.84	0.42	803	577	0.0090	0.0083	0.0022	0.0001	0.0025	0.0056	0.0004	0.0003	0.0001	0.0061	0.0303
334	2035	ALT2	WB	PM	Ramp	0.04	0.05	1.07	0.20	421	295	0.0041	0.0038	0.0011	0.0000	0.0010	0.0023	0.0002	0.0001	0.0000	0.0025	0.0112
335	2035	ALT2	WB	PM	Ramp	0.13	0.17	2.92	0.75	1339	977	0.0164	0.0151	0.0037	0.0001	0.0048	0.0105	0.0007	0.0004	0.0001	0.0117	0.0592
336	2035	ALT2	WB	PM	Ramp	0.10	0.13	2.52	0.54	1056	754	0.0116	0.0107	0.0029	0.0001	0.0030	0.0068	0.0006	0.0003	0.0001	0.0078	0.0362
337	2035	ALT2	WB	PM	Ramp	0.04	0.06	0.80	0.32	442	344	0.0075	0.0069	0.0012	0.0000	0.0022	0.0047	0.0002	0.0001	0.0000	0.0065	0.0292
338	2035	ALT2	WB	PM	Ramp	0.02	0.03	0.64	0.11	256	178	0.0024	0.0022	0.0007	0.0000	0.0006	0.0014	0.0001	0.0001	0.0000	0.0014	0.0067
339	2035	ALT2	WB	PM	Ramp	0.15	0.19	4.12	0.87	1706	1215	0.0219	0.0202	0.0045	0.0002	0.0038	0.0090	0.0009	0.0005	0.0001	0.0168	0.0436
340	2035	ALT2	WB	PM	Ramp	0.62	0.79	12.39	4.29	6384	4868	0.0990	0.0912	0.0172	0.0005	0.0290	0.0619	0.0029	0.0016	0.0006	0.0823	0.3737
341	2035	ALT2	WB	PM	Ramp	0.46	0.62	12.36	2.49	5112	3617	0.0528	0.0487	0.0140	0.0006	0.0136	0.0314	0.0028	0.0017	0.0004	0.0334	0.1611
342	2035	ALT2	WB	PM	Ramp	0.04	0.05	0.88	0.25	424	314	0.0056	0.0052	0.0012	0.0000	0.0017	0.0037	0.0002	0.0001	0.0000	0.0042	0.0213
343	2035	ALT2	WB	PM	Ramp	0.11	0.14	1.46	0.47	822	608	0.0107	0.0099	0.0030	0.0001	0.0050	0.0106	0.0005	0.0003	0.0001	0.0072	0.0639
344	2035	ALT2	WB	PM	Ramp	0.04	0.05	0.80	0.23	385	285	0.0051	0.0047	0.0011	0.0000	0.0015	0.0033	0.0002	0.0001	0.0000	0.0038	0.0193
345	2035	ALT2	WB	PM	Ramp	0.02	0.03	0.39	0.11	208	152	0.0026	0.0024	0.0007	0.0000	0.0010	0.0021	0.0001	0.0001	0.0000	0.0016	0.0122
346	2035	ALT2	WB	PM	Ramp	0.07	0.09	1.11	0.28	574	412	0.0066	0.0061	0.0019	0.0001	0.0024	0.0054	0.0004	0.0002	0.0001	0.0039	0.0306
347	2035	ALT2	WB	PM	Ramp	0.03	0.05	0.85	0.16	358	250	0.0034	0.0032	0.0010	0.0000	0.0009	0.0021	0.0002	0.0001	0.0000	0.0019	0.0101

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
348	2035	ALT2	WB	PM	Ramp	0.28	0.37	7.09	1.69	3092	2242	0.0372	0.0343	0.0084	0.0003	0.0099	0.0221	0.0016	0.0009	0.0002	0.0270	0.1220
349	2035	ALT2	WB	PM	Ramp	0.09	0.12	2.34	0.41	959	665	0.0088	0.0081	0.0027	0.0001	0.0021	0.0051	0.0005	0.0004	0.0001	0.0046	0.0242
350	2035	ALT2	WB	PM	Ramp	0.07	0.09	2.24	0.31	807	545	0.0060	0.0056	0.0022	0.0001	0.0012	0.0031	0.0005	0.0003	0.0001	0.0027	0.0115
351	2035	ALT2	WB	PM	Ramp	0.05	0.06	0.71	0.26	412	310	0.0058	0.0053	0.0014	0.0000	0.0024	0.0050	0.0002	0.0001	0.0000	0.0042	0.0306
352	2035	ALT2	WB	PM	Ramp	0.05	0.06	0.98	0.19	458	317	0.0045	0.0041	0.0014	0.0001	0.0012	0.0028	0.0003	0.0002	0.0000	0.0021	0.0133
353	2035	ALT2	WB	PM	Ramp	0.07	0.09	1.96	0.29	751	511	0.0060	0.0056	0.0021	0.0001	0.0013	0.0032	0.0004	0.0003	0.0001	0.0027	0.0133
354	2035	ALT2	WB	PM	Ramp	0.15	0.22	3.34	0.57	1540	1055	0.0142	0.0131	0.0049	0.0002	0.0036	0.0087	0.0010	0.0007	0.0001	0.0058	0.0402
355	2035	ALT2	WB	PM	Ramp	0.05	0.07	1.35	0.20	534	363	0.0043	0.0040	0.0015	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0018	0.0094
356	2035	ALT2	WB	PM	Ramp	0.05	0.07	1.05	0.19	489	337	0.0046	0.0042	0.0015	0.0001	0.0012	0.0029	0.0003	0.0002	0.0000	0.0020	0.0137
357	2035	ALT2	WB	PM	Ramp	0.13	0.19	2.86	0.43	1298	876	0.0111	0.0103	0.0042	0.0002	0.0025	0.0065	0.0009	0.0007	0.0001	0.0035	0.0269
358	2035	ALT2	WB	PM	Ramp	0.06	0.08	1.51	0.23	628	427	0.0053	0.0049	0.0018	0.0001	0.0011	0.0029	0.0004	0.0003	0.0000	0.0022	0.0121
359	2035	ALT2	WB	PM	Ramp	0.08	0.12	1.79	0.27	823	556	0.0071	0.0066	0.0027	0.0001	0.0017	0.0043	0.0006	0.0004	0.0001	0.0023	0.0187
360	2035	ALT2	WB	PM	Ramp	0.03	0.05	0.90	0.15	370	255	0.0033	0.0031	0.0011	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0016	0.0087
361	2035	ALT2	WB	PM	Ramp	0.05	0.07	1.05	0.17	493	336	0.0045	0.0041	0.0016	0.0001	0.0012	0.0029	0.0003	0.0002	0.0000	0.0017	0.0134
362	2035	ALT2	WB	PM	Ramp	0.03	0.05	0.93	0.17	383	266	0.0036	0.0033	0.0011	0.0000	0.0009	0.0021	0.0002	0.0001	0.0000	0.0019	0.0100
363	2035	ALT2	WB	PM	Ramp	0.10	0.14	2.16	0.32	973	656	0.0082	0.0076	0.0031	0.0001	0.0018	0.0047	0.0006	0.0005	0.0001	0.0026	0.0191
364	2035	ALT2	WB	PM	HOV																	
365	2035	ALT2	WB	PM	HOV																	
366	2035	ALT2	WB	PM	HOV	0.17	0.22	4.39	0.51	1680	1092	0.0072	0.0067	0.0055	0.0003	0.0011	0.0042	0.0013	0.0006	0.0001	0.0007	0.0013
367	2035	ALT2	WB	PM	HOV	0.26	0.34	6.59	0.77	2525	1642	0.0108	0.0100	0.0083	0.0004	0.0016	0.0063	0.0019	0.0009	0.0001	0.0010	0.0019
368	2035	ALT2	WB	PM	HOV	0.13	0.17	3.34	0.39	1279	831	0.0055	0.0051	0.0042	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0010
369	2035	ALT2	WB	PM	HOV	0.12	0.16	3.17	0.37	1213	789	0.0052	0.0048	0.0040	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0009
370	2035	ALT2	WB	PM	HOV	0.13	0.17	3.44	0.40	1312	853	0.0056	0.0052	0.0043	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0010
371	2035	ALT2	WB	PM	HOV	0.06	0.08	1.58	0.18	604	393	0.0026	0.0024	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0002	0.0005
372	2035	ALT2	WB	PM	HOV	0.10	0.12	2.45	0.29	934	607	0.0040	0.0037	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
373	2035	ALT2	WB	PM	HOV	0.06	0.08	1.60	0.19	611	397	0.0026	0.0024	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0003	0.0005
374	2035	ALT2	WB	PM	HOV	0.28	0.36	7.18	0.84	2744	1784	0.0117	0.0109	0.0090	0.0005	0.0018	0.0069	0.0021	0.0009	0.0001	0.0011	0.0021
375	2035	ALT2	WB	PM	HOV	0.09	0.12	2.39	0.28	915	595	0.0039	0.0036	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
376	2035	ALT2	WB	PM	HOV	0.04	0.06	1.12	0.13	426	277	0.0018	0.0017	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
377	2035	ALT2	WB	PM	HOV	0.31	0.40	7.91	0.92	3020	1964	0.0129	0.0120	0.0099	0.0005	0.0019	0.0076	0.0023	0.0010	0.0001	0.0012	0.0023
378	2035	ALT2	WB	PM	HOV	0.07	0.09	1.77	0.21	674	438	0.0029	0.0027	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
379	2035	ALT2	WB	PM	HOV	0.09	0.12	2.53	0.29	950	618	0.0041	0.0038	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
380	2035	ALT2	WB	PM	HOV	0.09	0.11	2.35	0.27	882	574	0.0038	0.0035	0.0028	0.0002	0.0006	0.0022	0.0006	0.0003	0.0000	0.0004	0.0007
381	2035	ALT2	WB	PM	HOV	0.32	0.42	8.62	1.00	3234	2103	0.0138	0.0128	0.0103	0.0006	0.0020	0.0079	0.0024	0.0011	0.0002	0.0013	0.0025
382	2035	ALT2	WB	PM	HOV	0.05	0.06	1.27	0.15	476	309	0.0020	0.0019	0.0015	0.0001	0.0003	0.0012	0.0003	0.0002	0.0000	0.0002	0.0004
383	2035	ALT2	WB	PM	HOV	0.20	0.26	5.42	0.63	2031	1321	0.0087	0.0080	0.0065	0.0003	0.0013	0.0050	0.0015	0.0007	0.0001	0.0008	0.0016
384	2035	ALT2	WB	PM	HOV	0.12	0.16	3.21	0.37	1203	782	0.0051	0.0048	0.0038	0.0002	0.0008	0.0029	0.0009	0.0004	0.0001	0.0005	0.0009
385	2035	ALT2	WB	PM	HOV	0.30	0.39	8.00	0.93	3000	1950	0.0128	0.0119	0.0096	0.0005	0.0019	0.0074	0.0022	0.0010	0.0001	0.0012	0.0023
386	2035	ALT2	WB	PM	HOV	0.09	0.12	2.38	0.28	894	581	0.0038	0.0035	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0004	0.0007
387	2035	ALT2	WB	PM	HOV	0.08	0.10	2.08	0.24	781	508	0.0033	0.0031	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0006
388	2035	ALT2	WB	PM	HOV	0.08	0.10	2.11	0.24	791	514	0.0034	0.0031	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0006
389	2035	ALT2	WB	PM	HOV	0.31	0.40	8.27	0.96	3101	2016	0.0132	0.0123	0.0099	0.0005	0.0020	0.0076	0.0023	0.0011	0.0002	0.0013	0.0024
390	2035	ALT2	WB	PM	HOV	0.02	0.02	0.44	0.05	169	110	0.0007	0.0007	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
391	2035	ALT2	WB	PM	HOV	0.23	0.30	5.93	0.69	2259	1469	0.0096	0.0089	0.0073	0.0004	0.0015	0.0056	0.0017	0.0008	0.0001	0.0009	0.0017
392	2035	ALT2	WB	PM	HOV	0.03	0.04	0.84	0.10	321	209	0.0014	0.0013	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0002
393	2035	ALT2	WB	PM	HOV	0.22	0.28	5.60	0.65	2130	1385	0.0091	0.0084	0.0069	0.0004	0.0014	0.0053	0.0016	0.0007	0.0001	0.0009	0.0016
394	2035	ALT2	WB	PM	HOV	0.15	0.20	3.99	0.46	1519	988	0.0065	0.0060	0.0049	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0012
395	2035	ALT2	WB	PM	HOV	0.22	0.29	5.70	0.66	2169	1410	0.0093	0.0086	0.0071	0.0004	0.0014	0.0054	0.0016	0.0007	0.0001	0.0009	0.0017

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
396	2035	ALT2	WB	PM	HOV	0.06	0.08	1.63	0.19	621	403	0.0026	0.0025	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0003	0.0005
397	2035	ALT2	WB	PM	HOV	0.22	0.28	5.65	0.66	2152	1399	0.0092	0.0085	0.0070	0.0004	0.0014	0.0054	0.0016	0.0007	0.0001	0.0009	0.0016
398	2035	ALT2	WB	PM	HOV	0.32	0.41	8.17	0.95	3110	2022	0.0133	0.0123	0.0101	0.0005	0.0020	0.0078	0.0023	0.0011	0.0002	0.0013	0.0024
399	2035	ALT2	WB	PM	HOV	0.27	0.35	6.96	0.81	2650	1723	0.0113	0.0105	0.0086	0.0005	0.0017	0.0066	0.0020	0.0009	0.0001	0.0011	0.0020
400	2035	ALT2	WB	PM	HOV	0.19	0.25	5.02	0.58	1911	1242	0.0082	0.0076	0.0062	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0015
401	2035	ALT2	WB	PM	HOV	0.14	0.18	3.59	0.42	1368	890	0.0058	0.0054	0.0044	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0010
402	2035	ALT2	WB	PM	HOV	0.13	0.17	3.46	0.40	1319	857	0.0056	0.0052	0.0043	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0010
403	2035	ALT2	WB	PM	HOV	0.27	0.35	6.99	0.81	2648	1722	0.0113	0.0105	0.0086	0.0005	0.0017	0.0066	0.0020	0.0009	0.0001	0.0011	0.0020
404	2035	ALT2	WB	PM	HOV	0.15	0.20	3.95	0.46	1496	972	0.0064	0.0059	0.0048	0.0003	0.0010	0.0037	0.0011	0.0005	0.0001	0.0006	0.0011
405	2035	ALT2	WB	PM	HOV	0.21	0.27	5.46	0.63	2069	1345	0.0088	0.0082	0.0067	0.0004	0.0013	0.0051	0.0015	0.0007	0.0001	0.0008	0.0016
406	2035	ALT2	WB	PM	HOV	0.16	0.21	4.24	0.49	1606	1044	0.0069	0.0064	0.0052	0.0003	0.0010	0.0040	0.0012	0.0005	0.0001	0.0007	0.0012
407	2035	ALT2	WB	PM	HOV	0.24	0.32	6.39	0.74	2421	1574	0.0103	0.0096	0.0078	0.0004	0.0015	0.0060	0.0018	0.0008	0.0001	0.0010	0.0019
408	2035	ALT2	WB	PM	HOV	0.15	0.20	3.99	0.46	1514	984	0.0065	0.0060	0.0049	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0012
409	2035	ALT2	WB	PM	HOV	0.21	0.28	5.57	0.65	2113	1374	0.0090	0.0084	0.0068	0.0004	0.0014	0.0052	0.0016	0.0007	0.0001	0.0009	0.0016
410	2035	ALT2	WB	PM	HOV	0.43	0.56	10.92	1.28	4191	2725	0.0179	0.0166	0.0137	0.0007	0.0027	0.0105	0.0032	0.0014	0.0002	0.0017	0.0032
411	2035	ALT2	WB	PM	HOV	0.23	0.30	5.85	0.68	2244	1459	0.0096	0.0089	0.0074	0.0004	0.0015	0.0056	0.0017	0.0008	0.0001	0.0009	0.0017
412	2035	ALT2	WB	PM	HOV	0.09	0.11	2.24	0.26	860	559	0.0037	0.0034	0.0028	0.0002	0.0006	0.0022	0.0006	0.0003	0.0000	0.0004	0.0007
413	2035	ALT2	WB	PM	HOV	0.04	0.06	1.15	0.13	440	286	0.0019	0.0017	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
414	2035	ALT2	WB	PM	HOV	0.19	0.25	4.89	0.57	1875	1219	0.0080	0.0074	0.0062	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0014
415	2035	ALT2	WB	PM	HOV	0.04	0.06	1.15	0.13	440	286	0.0019	0.0017	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
416	2035	ALT2	WB	PM	HOV	0.01	0.01	0.18	0.02	69	45	0.0003	0.0003	0.0002	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
417	2035	ALT2	WB	PM	HOV	0.20	0.26	5.00	0.58	1918	1247	0.0082	0.0076	0.0063	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0015
418	2035	ALT2	WB	PM	HOV	0.08	0.11	2.15	0.25	825	536	0.0035	0.0033	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0006
419	2035	ALT2	WB	PM	HOV	0.14	0.18	3.54	0.41	1359	884	0.0058	0.0054	0.0045	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0010
420	2035	ALT2	WB	PM	HOV	0.18	0.23	4.51	0.53	1725	1121	0.0074	0.0068	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0013
421	2035	ALT2	WB	PM	HOV	0.17	0.22	4.27	0.50	1633	1062	0.0070	0.0065	0.0053	0.0003	0.0011	0.0041	0.0012	0.0006	0.0001	0.0007	0.0012
422	2035	ALT2	WB	PM	HOV	0.20	0.26	5.07	0.59	1938	1260	0.0083	0.0077	0.0063	0.0003	0.0013	0.0049	0.0015	0.0007	0.0001	0.0008	0.0015
423	2035	ALT2	WB	PM	HOV	0.38	0.50	9.77	1.14	3738	2430	0.0160	0.0148	0.0122	0.0007	0.0024	0.0094	0.0028	0.0013	0.0002	0.0015	0.0028
424	2035	ALT2	WB	PM	HOV	0.09	0.12	2.39	0.28	914	594	0.0039	0.0036	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
425	2035	ALT2	WB	PM	HOV	0.22	0.29	5.64	0.66	2160	1404	0.0092	0.0086	0.0071	0.0004	0.0014	0.0054	0.0016	0.0007	0.0001	0.0009	0.0016
426	2035	ALT2	WB	PM	HOV	0.12	0.15	2.97	0.35	1137	739	0.0049	0.0045	0.0037	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0009
427	2035	ALT2	WB	PM	HOV	0.22	0.29	5.68	0.66	2174	1413	0.0093	0.0086	0.0071	0.0004	0.0014	0.0055	0.0016	0.0007	0.0001	0.0009	0.0016
428	2035	ALT2	WB	PM	HOV	0.24	0.31	6.06	0.71	2321	1509	0.0099	0.0092	0.0076	0.0004	0.0015	0.0058	0.0017	0.0008	0.0001	0.0010	0.0018
429	2035	ALT2	WB	PM	HOV	0.16	0.21	4.05	0.47	1548	1006	0.0066	0.0061	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0012
430	2035	ALT2	WB	PM	HOV	0.10	0.13	2.30	0.26	909	591	0.0039	0.0036	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0007
431	2035	ALT2	WB	PM	HOV	0.09	0.11	2.07	0.24	819	533	0.0035	0.0032	0.0028	0.0002	0.0006	0.0021	0.0006	0.0003	0.0000	0.0003	0.0006
432	2035	ALT2	WB	PM	HOV	0.10	0.13	2.44	0.28	965	627	0.0041	0.0038	0.0033	0.0002	0.0007	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
433	2035	ALT2	WB	PM	HOV	0.17	0.23	4.78	0.55	1772	1152	0.0076	0.0070	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0014
434	2035	ALT2	WB	PM	HOV	0.15	0.19	4.02	0.46	1490	969	0.0064	0.0059	0.0047	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0012
435	2035	ALT2	WB	PM	HOV	0.28	0.37	7.71	0.89	2859	1859	0.0122	0.0113	0.0090	0.0005	0.0018	0.0069	0.0021	0.0010	0.0001	0.0011	0.0023
436	2035	ALT2	WB	PM	HOV	0.03	0.04	0.74	0.09	274	178	0.0012	0.0011	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
437	2035	ALT2	WB	PM	HOV	0.30	0.39	8.20	0.95	3041	1977	0.0130	0.0120	0.0096	0.0005	0.0019	0.0073	0.0022	0.0010	0.0002	0.0012	0.0024
216	2035	ALT2	WB	NT	Mainline	0.97	1.22	20.57	5.19	9967	7161	0.1797	0.1656	0.0291	0.0013	0.0212	0.0515	0.0061	0.0027	0.0010	0.1517	0.2270
217	2035	ALT2	WB	NT	Mainline	1.73	2.18	36.80	9.70	18035	13045	0.3390	0.3123	0.0517	0.0023	0.0402	0.0965	0.0107	0.0047	0.0019	0.2896	0.4413
218	2035	ALT2	WB	NT	Mainline	1.23	1.55	26.06	6.53	12610	9052	0.2259	0.2082	0.0370	0.0017	0.0266	0.0648	0.0078	0.0034	0.0013	0.1903	0.2838
219	2035	ALT2	WB	NT	Mainline	1.65	2.09	36.89	9.44	17585	12697	0.3117	0.2872	0.0493	0.0022	0.0394	0.0939	0.0102	0.0046	0.0017	0.2632	0.4355
220	2035	ALT2	WB	NT	Mainline	0.96	1.23	21.34	5.18	10085	7214	0.1709	0.1575	0.0291	0.0013	0.0208	0.0509	0.0061	0.0027	0.0010	0.1421	0.2224
221	2035	ALT2	WB	NT	Mainline	0.83	1.06	18.86	4.69	8877	6384	0.1518	0.1399	0.0250	0.0011	0.0194	0.0465	0.0052	0.0024	0.0009	0.1270	0.2126

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
222	2035	ALT2	WB	NT	Mainline	0.99	1.26	22.42	5.24	10405	7408	0.1676	0.1544	0.0300	0.0014	0.0208	0.0513	0.0063	0.0028	0.0010	0.1373	0.2203
223	2035	ALT2	WB	NT	Mainline	0.48	0.61	11.12	2.53	5071	3600	0.0782	0.0721	0.0146	0.0007	0.0100	0.0247	0.0031	0.0014	0.0005	0.0633	0.1054
224	2035	ALT2	WB	NT	Mainline	0.50	0.64	11.30	2.20	5006	3472	0.0644	0.0594	0.0153	0.0007	0.0080	0.0211	0.0033	0.0015	0.0004	0.0484	0.0742
225	2035	ALT2	WB	NT	Mainline	0.32	0.41	7.17	1.41	3194	2218	0.0417	0.0385	0.0098	0.0005	0.0051	0.0136	0.0021	0.0009	0.0003	0.0316	0.0480
226	2035	ALT2	WB	NT	Mainline	1.47	1.87	31.82	6.27	14399	9992	0.1919	0.1769	0.0452	0.0022	0.0230	0.0613	0.0099	0.0042	0.0012	0.1459	0.2110
227	2035	ALT2	WB	NT	Mainline	0.60	0.76	13.04	2.43	5817	4006	0.0715	0.0659	0.0185	0.0009	0.0087	0.0237	0.0041	0.0017	0.0005	0.0525	0.0756
228	2035	ALT2	WB	NT	Mainline	0.36	0.46	7.86	1.39	3450	2360	0.0389	0.0359	0.0111	0.0006	0.0048	0.0134	0.0024	0.0011	0.0003	0.0274	0.0398
229	2035	ALT2	WB	NT	Mainline	2.17	2.79	51.41	9.28	22007	15109	0.2483	0.2290	0.0673	0.0033	0.0317	0.0865	0.0147	0.0066	0.0016	0.1757	0.2796
230	2035	ALT2	WB	NT	Mainline	0.60	0.78	14.96	2.51	6203	4224	0.0621	0.0573	0.0189	0.0009	0.0082	0.0230	0.0042	0.0019	0.0004	0.0411	0.0686
231	2035	ALT2	WB	NT	Mainline	0.61	0.79	15.79	2.67	6420	4386	0.0646	0.0596	0.0189	0.0009	0.0089	0.0242	0.0041	0.0020	0.0005	0.0431	0.0785
232	2035	ALT2	WB	NT	Mainline	0.63	0.82	15.15	2.68	6436	4407	0.0702	0.0647	0.0197	0.0010	0.0090	0.0248	0.0043	0.0019	0.0005	0.0487	0.0781
233	2035	ALT2	WB	NT	Mainline	1.85	2.42	54.07	9.13	20911	14394	0.2075	0.1915	0.0573	0.0027	0.0326	0.0844	0.0123	0.0063	0.0014	0.1381	0.3227
234	2035	ALT2	WB	NT	Mainline	0.31	0.40	8.51	1.44	3389	2322	0.0340	0.0314	0.0097	0.0005	0.0049	0.0131	0.0021	0.0010	0.0002	0.0227	0.0456
235	2035	ALT2	WB	NT	Mainline	1.18	1.55	35.31	5.82	13452	9239	0.1281	0.1182	0.0367	0.0018	0.0207	0.0538	0.0079	0.0041	0.0009	0.0827	0.2049
236	2035	ALT2	WB	NT	Mainline	0.84	1.13	26.98	4.13	9839	6709	0.0827	0.0763	0.0264	0.0013	0.0144	0.0378	0.0057	0.0032	0.0006	0.0475	0.1407
237	2035	ALT2	WB	NT	Mainline	1.51	1.96	38.51	6.64	15853	10848	0.1646	0.1518	0.0470	0.0023	0.0223	0.0607	0.0103	0.0048	0.0011	0.1117	0.1976
238	2035	ALT2	WB	NT	Mainline	0.47	0.61	12.57	2.11	5043	3446	0.0499	0.0460	0.0146	0.0007	0.0070	0.0190	0.0032	0.0015	0.0004	0.0330	0.0627
239	2035	ALT2	WB	NT	Mainline	0.41	0.54	11.22	1.87	4476	3057	0.0438	0.0404	0.0129	0.0006	0.0062	0.0168	0.0028	0.0014	0.0003	0.0288	0.0558
240	2035	ALT2	WB	NT	Mainline	0.52	0.68	14.65	2.34	5681	3866	0.0518	0.0478	0.0162	0.0008	0.0076	0.0208	0.0035	0.0018	0.0004	0.0324	0.0676
241	2035	ALT2	WB	NT	Mainline	1.82	2.39	53.36	8.58	20426	13951	0.1888	0.1743	0.0568	0.0028	0.0289	0.0772	0.0123	0.0063	0.0014	0.1195	0.2706
242	2035	ALT2	WB	NT	Mainline	0.13	0.17	3.41	0.57	1384	945	0.0138	0.0127	0.0041	0.0002	0.0019	0.0052	0.0009	0.0004	0.0001	0.0091	0.0165
243	2035	ALT2	WB	NT	Mainline	1.54	2.02	44.17	7.26	17169	11746	0.1643	0.1516	0.0482	0.0023	0.0246	0.0657	0.0104	0.0052	0.0012	0.1064	0.2307
244	2035	ALT2	WB	NT	Mainline	0.25	0.32	6.49	1.09	2634	1798	0.0262	0.0242	0.0078	0.0004	0.0036	0.0099	0.0017	0.0008	0.0002	0.0173	0.0315
245	2035	ALT2	WB	NT	Mainline	1.46	1.91	41.62	6.87	16201	11090	0.1560	0.1439	0.0454	0.0022	0.0234	0.0623	0.0098	0.0049	0.0011	0.1015	0.2199
246	2035	ALT2	WB	NT	Mainline	1.18	1.53	31.01	5.21	12555	8572	0.1249	0.1152	0.0369	0.0018	0.0172	0.0471	0.0081	0.0038	0.0009	0.0826	0.1518
247	2035	ALT2	WB	NT	Mainline	1.47	1.93	41.37	6.93	16273	11149	0.1602	0.1478	0.0459	0.0022	0.0236	0.0629	0.0100	0.0049	0.0011	0.1057	0.2219
248	2035	ALT2	WB	NT	Mainline	0.49	0.64	13.35	2.19	5290	3605	0.0503	0.0464	0.0153	0.0008	0.0071	0.0195	0.0033	0.0016	0.0004	0.0324	0.0632
249	2035	ALT2	WB	NT	Mainline	1.61	2.08	42.18	7.06	17054	11637	0.1684	0.1554	0.0501	0.0025	0.0232	0.0637	0.0110	0.0052	0.0012	0.1109	0.2039
250	2035	ALT2	WB	NT	Mainline	2.48	3.24	69.58	11.26	27190	18530	0.2538	0.2342	0.0775	0.0038	0.0369	0.1006	0.0169	0.0084	0.0018	0.1614	0.3317
251	2035	ALT2	WB	NT	Mainline	1.82	2.40	53.72	8.67	20545	14046	0.1910	0.1763	0.0569	0.0028	0.0294	0.0783	0.0123	0.0063	0.0014	0.1214	0.2782
252	2035	ALT2	WB	NT	Mainline	1.52	1.98	41.87	6.88	16522	11273	0.1578	0.1456	0.0474	0.0023	0.0227	0.0616	0.0103	0.0051	0.0011	0.1020	0.2039
253	2035	ALT2	WB	NT	Mainline	1.09	1.42	29.99	4.93	11833	8073	0.1130	0.1043	0.0339	0.0017	0.0162	0.0441	0.0074	0.0036	0.0008	0.0730	0.1460
254	2035	ALT2	WB	NT	Mainline	1.05	1.37	28.91	4.75	11407	7783	0.1090	0.1005	0.0327	0.0016	0.0157	0.0425	0.0071	0.0035	0.0008	0.0704	0.1408
255	2035	ALT2	WB	NT	Mainline	1.67	2.16	44.38	7.88	18076	12451	0.1950	0.1798	0.0517	0.0025	0.0275	0.0724	0.0112	0.0054	0.0013	0.1359	0.2615
256	2035	ALT2	WB	NT	Mainline	1.11	1.44	29.46	5.01	11908	8146	0.1202	0.1109	0.0346	0.0017	0.0167	0.0453	0.0076	0.0036	0.0008	0.0804	0.1505
257	2035	ALT2	WB	NT	Mainline	1.34	1.75	37.15	6.34	14729	10115	0.1493	0.1377	0.0416	0.0020	0.0219	0.0580	0.0090	0.0044	0.0010	0.1004	0.2085
258	2035	ALT2	WB	NT	Mainline	1.32	1.71	32.71	5.61	13620	9300	0.1410	0.1300	0.0412	0.0021	0.0186	0.0515	0.0091	0.0042	0.0010	0.0952	0.1599
259	2035	ALT2	WB	NT	Mainline	1.93	2.49	46.46	8.07	19631	13413	0.2083	0.1922	0.0602	0.0030	0.0269	0.0747	0.0133	0.0060	0.0014	0.1425	0.2292
260	2035	ALT2	WB	NT	Mainline	1.26	1.62	31.39	5.39	13019	8895	0.1346	0.1242	0.0392	0.0020	0.0179	0.0493	0.0086	0.0040	0.0009	0.0910	0.1554
261	2035	ALT2	WB	NT	Mainline	1.49	1.92	37.37	6.54	15520	10637	0.1653	0.1525	0.0462	0.0023	0.0221	0.0601	0.0101	0.0047	0.0011	0.1138	0.1977
262	2035	ALT2	WB	NT	Mainline	3.88	4.99	92.39	16.54	39425	27041	0.4392	0.4051	0.1205	0.0060	0.0563	0.1540	0.0264	0.0119	0.0029	0.3087	0.4933
263	2035	ALT2	WB	NT	Mainline	1.83	2.37	45.88	8.12	19139	13137	0.2078	0.1917	0.0570	0.0028	0.0277	0.0749	0.0124	0.0058	0.0014	0.1445	0.2502
264	2035	ALT2	WB	NT	Mainline	0.65	0.86	19.42	3.27	7438	5124	0.0728	0.0671	0.0202	0.0010	0.0119	0.0306	0.0043	0.0023	0.0005	0.0478	0.1200
265	2035	ALT2	WB	NT	Mainline	0.37	0.49	10.26	1.76	4091	2809	0.0418	0.0386	0.0116	0.0006	0.0061	0.0161	0.0025	0.0012	0.0003	0.0283	0.0575
266	2035	ALT2	WB	NT	Mainline	1.29	1.68	34.79	5.91	13954	9555	0.1406	0.1296	0.0401	0.0020	0.0199	0.0535	0.0087	0.0042	0.0010	0.0940	0.1823
267	2035	ALT2	WB	NT	Mainline	0.37	0.48	10.35	1.70	4064	2775	0.0388	0.0358	0.0116	0.0006	0.0056	0.0153	0.0025	0.0012	0.0003	0.0251	0.0514
268	2035	ALT2	WB	NT	Mainline	0.08	0.10	1.83	0.30	762	518	0.0075	0.0069	0.0024	0.0001	0.0010	0.0028	0.0005	0.0002	0.0001	0.0049	0.0080
269	2035	ALT2	WB	NT	Mainline	1.64	2.16	48.67	7.59	18430	12537	0.1624	0.1499	0.0514	0.0025	0.0248	0.0673	0.0112	0.0057	0.0012	0.0990	0.2255

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
270	2035	ALT2	WB	NT	Mainline	0.71	0.93	20.52	3.29	7887	5382	0.0727	0.0671	0.0221	0.0011	0.0110	0.0295	0.0048	0.0024	0.0005	0.0459	0.1015
271	2035	ALT2	WB	NT	Mainline	1.03	1.37	32.17	4.98	11890	8108	0.1026	0.0947	0.0323	0.0016	0.0171	0.0451	0.0070	0.0038	0.0008	0.0609	0.1641
272	2035	ALT2	WB	NT	Mainline	0.78	1.05	25.37	3.79	9140	6225	0.0742	0.0685	0.0244	0.0012	0.0136	0.0354	0.0052	0.0030	0.0006	0.0405	0.1347
273	2035	ALT2	WB	NT	Mainline	0.78	1.03	23.73	3.65	8868	6031	0.0764	0.0705	0.0245	0.0012	0.0120	0.0324	0.0053	0.0028	0.0006	0.0456	0.1104
274	2035	ALT2	WB	NT	Mainline	0.91	1.20	26.39	4.15	10118	6882	0.0905	0.0835	0.0285	0.0014	0.0135	0.0368	0.0062	0.0031	0.0007	0.0558	0.1210
275	2035	ALT2	WB	NT	Mainline	1.70	2.23	48.28	7.29	18511	12495	0.1538	0.1420	0.0534	0.0027	0.0222	0.0631	0.0118	0.0058	0.0012	0.0890	0.1817
276	2035	ALT2	WB	NT	Mainline	0.48	0.63	13.45	2.01	5191	3494	0.0421	0.0389	0.0152	0.0008	0.0060	0.0173	0.0034	0.0016	0.0003	0.0239	0.0465
277	2035	ALT2	WB	NT	Mainline	0.98	1.29	28.58	4.26	10825	7303	0.0882	0.0814	0.0309	0.0016	0.0129	0.0367	0.0068	0.0034	0.0007	0.0502	0.1067
278	2035	ALT2	WB	NT	Mainline	0.52	0.68	14.53	2.25	5624	3807	0.0486	0.0449	0.0162	0.0008	0.0070	0.0196	0.0036	0.0018	0.0004	0.0291	0.0585
279	2035	ALT2	WB	NT	Mainline	0.96	1.29	31.33	4.53	11219	7596	0.0873	0.0807	0.0302	0.0015	0.0149	0.0403	0.0065	0.0037	0.0007	0.0462	0.1394
280	2035	ALT2	WB	NT	Mainline	0.97	1.28	29.59	4.40	10964	7421	0.0897	0.0829	0.0304	0.0015	0.0139	0.0383	0.0066	0.0035	0.0007	0.0513	0.1221
281	2035	ALT2	WB	NT	Mainline	0.73	0.99	24.41	3.43	8624	5834	0.0647	0.0598	0.0230	0.0011	0.0118	0.0315	0.0050	0.0030	0.0006	0.0316	0.1132
282	2035	ALT2	WB	NT	Mainline	1.02	1.35	31.98	4.74	11692	7923	0.0947	0.0874	0.0320	0.0016	0.0153	0.0417	0.0070	0.0037	0.0007	0.0530	0.1394
283	2035	ALT2	WB	NT	Mainline	0.94	1.25	30.48	4.44	10947	7416	0.0860	0.0794	0.0295	0.0014	0.0146	0.0393	0.0064	0.0036	0.0007	0.0461	0.1359
284	2035	ALT2	WB	NT	Mainline	1.26	1.72	41.92	5.84	14877	10059	0.1107	0.1023	0.0399	0.0019	0.0208	0.0552	0.0086	0.0053	0.0010	0.0515	0.2016
285	2035	ALT2	WB	NT	Mainline	0.83	1.11	26.45	3.86	9601	6493	0.0757	0.0699	0.0262	0.0013	0.0123	0.0336	0.0057	0.0031	0.0006	0.0412	0.1101
286	2035	ALT2	WB	NT	Mainline	0.71	0.94	22.67	3.31	8187	5540	0.0644	0.0595	0.0222	0.0011	0.0106	0.0290	0.0048	0.0027	0.0005	0.0349	0.0970
287	2035	ALT2	WB	NT	Mainline	1.29	1.70	38.28	5.70	14387	9717	0.1174	0.1084	0.0407	0.0020	0.0175	0.0492	0.0089	0.0045	0.0009	0.0669	0.1476
288	2035	ALT2	WB	NT	Mainline	0.15	0.19	4.43	0.63	1634	1099	0.0125	0.0116	0.0046	0.0002	0.0019	0.0054	0.0010	0.0005	0.0001	0.0067	0.0153
289	2035	ALT2	WB	NT	Mainline	1.44	1.93	47.61	6.59	16835	11324	0.1223	0.1130	0.0456	0.0023	0.0201	0.0562	0.0100	0.0056	0.0010	0.0598	0.1751
290	2035	ALT2	WB	NT	Ramp	0.07	0.09	2.35	0.27	803	530	0.0047	0.0044	0.0022	0.0001	0.0007	0.0022	0.0005	0.0003	0.0001	0.0011	0.0048
291	2035	ALT2	WB	NT	Ramp	0.05	0.07	1.57	0.19	588	390	0.0040	0.0037	0.0017	0.0001	0.0006	0.0018	0.0004	0.0003	0.0000	0.0010	0.0051
292	2035	ALT2	WB	NT	Ramp	0.02	0.02	0.58	0.07	203	134	0.0013	0.0012	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0003	0.0015
293	2035	ALT2	WB	NT	Ramp	0.17	0.25	2.57	0.37	1416	943	0.0130	0.0120	0.0055	0.0003	0.0036	0.0091	0.0011	0.0009	0.0001	0.0023	0.0399
294	2035	ALT2	WB	NT	Ramp	0.04	0.06	1.25	0.16	499	332	0.0037	0.0034	0.0015	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0010	0.0053
295	2035	ALT2	WB	NT	Ramp	0.19	0.29	2.73	0.34	1626	1068	0.0152	0.0141	0.0063	0.0003	0.0027	0.0078	0.0014	0.0012	0.0002	0.0013	0.0261
296	2035	ALT2	WB	NT	Ramp	0.07	0.10	1.28	0.19	635	427	0.0056	0.0051	0.0022	0.0001	0.0015	0.0038	0.0005	0.0004	0.0001	0.0014	0.0168
297	2035	ALT2	WB	NT	Ramp	1.44	1.93	27.92	7.70	14099	10284	0.1739	0.1605	0.0423	0.0016	0.0539	0.1191	0.0078	0.0052	0.0012	0.1170	0.6731
298	2035	ALT2	WB	NT	Ramp	0.00	0.01	0.12	0.01	45	30	0.0003	0.0003	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0004
299	2035	ALT2	WB	NT	Ramp	0.02	0.02	0.54	0.07	195	132	0.0014	0.0013	0.0005	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0006	0.0025
300	2035	ALT2	WB	NT	Ramp	0.36	0.50	11.41	1.42	4165	2776	0.0283	0.0262	0.0115	0.0006	0.0048	0.0137	0.0025	0.0018	0.0003	0.0086	0.0420
301	2035	ALT2	WB	NT	Ramp	0.19	0.28	3.09	0.43	1641	1092	0.0146	0.0136	0.0062	0.0003	0.0038	0.0097	0.0013	0.0011	0.0002	0.0026	0.0410
302	2035	ALT2	WB	NT	Ramp	0.01	0.02	0.48	0.06	175	117	0.0012	0.0011	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0018
303	2035	ALT2	WB	NT	Ramp	0.06	0.09	1.64	0.21	684	456	0.0052	0.0048	0.0020	0.0001	0.0008	0.0024	0.0004	0.0003	0.0001	0.0013	0.0075
304	2035	ALT2	WB	NT	Ramp	0.05	0.07	1.15	0.14	504	334	0.0038	0.0036	0.0016	0.0001	0.0006	0.0018	0.0003	0.0003	0.0000	0.0007	0.0053
305	2035	ALT2	WB	NT	Ramp	0.18	0.27	3.25	0.45	1650	1100	0.0143	0.0133	0.0059	0.0003	0.0036	0.0092	0.0012	0.0010	0.0002	0.0029	0.0386
306	2035	ALT2	WB	NT	Ramp	0.03	0.04	0.81	0.10	322	214	0.0023	0.0021	0.0009	0.0000	0.0003	0.0010	0.0002	0.0002	0.0000	0.0005	0.0028
307	2035	ALT2	WB	NT	Ramp	0.15	0.24	1.99	0.24	1316	861	0.0131	0.0122	0.0053	0.0003	0.0020	0.0060	0.0011	0.0011	0.0002	0.0008	0.0183
308	2035	ALT2	WB	NT	Ramp	0.07	0.10	1.52	0.22	680	457	0.0056	0.0052	0.0021	0.0001	0.0012	0.0031	0.0005	0.0004	0.0001	0.0016	0.0120
309	2035	ALT2	WB	NT	Ramp	0.17	0.26	2.05	0.31	1324	879	0.0135	0.0125	0.0056	0.0003	0.0040	0.0099	0.0011	0.0010	0.0002	0.0018	0.0454
310	2035	ALT2	WB	NT	Ramp	0.49	0.71	10.20	1.41	4779	3197	0.0398	0.0369	0.0159	0.0008	0.0090	0.0235	0.0034	0.0027	0.0004	0.0097	0.0939
311	2035	ALT2	WB	NT	Ramp	0.20	0.29	3.31	0.44	1753	1161	0.0154	0.0143	0.0065	0.0003	0.0035	0.0093	0.0014	0.0012	0.0002	0.0023	0.0364
312	2035	ALT2	WB	NT	Ramp	0.03	0.04	0.88	0.11	343	228	0.0024	0.0023	0.0010	0.0000	0.0004	0.0011	0.0002	0.0002	0.0000	0.0006	0.0034
313	2035	ALT2	WB	NT	Ramp	0.30	0.43	9.56	1.22	3534	2361	0.0247	0.0228	0.0098	0.0005	0.0043	0.0121	0.0021	0.0015	0.0002	0.0078	0.0390
314	2035	ALT2	WB	NT	Ramp	0.13	0.20	2.63	0.28	1303	851	0.0104	0.0096	0.0045	0.0002	0.0012	0.0042	0.0010	0.0008	0.0001	0.0007	0.0082
315	2035	ALT2	WB	NT	Ramp	0.10	0.15	2.34	0.30	1037	689	0.0081	0.0075	0.0033	0.0002	0.0014	0.0041	0.0007	0.0006	0.0001	0.0017	0.0134
316	2035	ALT2	WB	NT	Ramp	0.03	0.05	0.93	0.12	370	247	0.0027	0.0025	0.0011	0.0001	0.0005	0.0013	0.0002	0.0002	0.0000	0.0007	0.0040
317	2035	ALT2	WB	NT	Ramp	0.07	0.11	1.60	0.21	733	488	0.0059	0.0055	0.0024	0.0001	0.0012	0.0032	0.0005	0.0004	0.0001	0.0013	0.0119

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
318	2035	ALT2	WB	NT	Ramp	0.04	0.06	1.22	0.14	477	314	0.0032	0.0030	0.0014	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0006	0.0031
319	2035	ALT2	WB	NT	Ramp	0.10	0.15	2.52	0.31	1105	732	0.0084	0.0078	0.0035	0.0002	0.0014	0.0040	0.0008	0.0006	0.0001	0.0016	0.0120
320	2035	ALT2	WB	NT	Ramp	0.07	0.10	1.59	0.19	725	479	0.0056	0.0052	0.0024	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0009	0.0081
321	2035	ALT2	WB	NT	Ramp	0.08	0.12	1.81	0.23	829	551	0.0066	0.0062	0.0027	0.0001	0.0013	0.0035	0.0006	0.0005	0.0001	0.0014	0.0125
322	2035	ALT2	WB	NT	Ramp	0.09	0.14	1.40	0.20	789	524	0.0073	0.0067	0.0031	0.0001	0.0019	0.0049	0.0006	0.0005	0.0001	0.0011	0.0208
323	2035	ALT2	WB	NT	Ramp	0.13	0.18	3.94	0.50	1483	991	0.0105	0.0098	0.0042	0.0002	0.0018	0.0052	0.0009	0.0006	0.0001	0.0033	0.0169
324	2035	ALT2	WB	NT	Ramp	0.05	0.08	1.57	0.19	612	407	0.0044	0.0040	0.0018	0.0001	0.0007	0.0020	0.0004	0.0003	0.0000	0.0011	0.0061
325	2035	ALT2	WB	NT	Ramp	0.22	0.32	4.74	0.67	2184	1464	0.0182	0.0169	0.0071	0.0003	0.0041	0.0106	0.0015	0.0012	0.0002	0.0048	0.0423
326	2035	ALT2	WB	NT	Ramp	0.12	0.18	2.85	0.32	1266	832	0.0094	0.0087	0.0040	0.0002	0.0013	0.0041	0.0009	0.0007	0.0001	0.0012	0.0096
327	2035	ALT2	WB	NT	Ramp	0.13	0.18	2.52	0.37	1208	811	0.0104	0.0096	0.0041	0.0002	0.0026	0.0067	0.0009	0.0007	0.0001	0.0027	0.0287
328	2035	ALT2	WB	NT	Ramp	0.04	0.06	1.27	0.15	482	318	0.0032	0.0029	0.0014	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0006	0.0033
329	2035	ALT2	WB	NT	Ramp	0.07	0.11	1.75	0.22	764	507	0.0058	0.0054	0.0024	0.0001	0.0010	0.0028	0.0005	0.0004	0.0001	0.0012	0.0085
330	2035	ALT2	WB	NT	Ramp	0.04	0.05	1.08	0.13	408	271	0.0028	0.0026	0.0012	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0007	0.0035
331	2035	ALT2	WB	NT	Ramp	0.10	0.13	2.93	0.38	1099	737	0.0079	0.0073	0.0031	0.0002	0.0014	0.0040	0.0007	0.0005	0.0001	0.0027	0.0136
332	2035	ALT2	WB	NT	Ramp	0.05	0.07	1.70	0.22	608	408	0.0043	0.0040	0.0017	0.0001	0.0008	0.0021	0.0004	0.0002	0.0000	0.0016	0.0073
333	2035	ALT2	WB	NT	Ramp	0.08	0.11	2.41	0.35	921	626	0.0073	0.0067	0.0026	0.0001	0.0015	0.0039	0.0005	0.0004	0.0001	0.0031	0.0157
334	2035	ALT2	WB	NT	Ramp	0.07	0.10	2.05	0.27	791	530	0.0058	0.0054	0.0023	0.0001	0.0011	0.0029	0.0005	0.0004	0.0001	0.0019	0.0100
335	2035	ALT2	WB	NT	Ramp	0.14	0.19	4.03	0.56	1556	1049	0.0119	0.0110	0.0044	0.0002	0.0023	0.0061	0.0009	0.0007	0.0001	0.0043	0.0227
336	2035	ALT2	WB	NT	Ramp	0.14	0.19	3.48	0.58	1475	1014	0.0132	0.0122	0.0043	0.0002	0.0030	0.0075	0.0009	0.0006	0.0001	0.0061	0.0338
337	2035	ALT2	WB	NT	Ramp	0.06	0.08	1.63	0.24	653	444	0.0054	0.0049	0.0019	0.0001	0.0011	0.0029	0.0004	0.0003	0.0000	0.0022	0.0120
338	2035	ALT2	WB	NT	Ramp	0.07	0.10	2.17	0.27	812	541	0.0056	0.0052	0.0023	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0016	0.0083
339	2035	ALT2	WB	NT	Ramp	0.15	0.20	4.72	0.82	1790	1244	0.0175	0.0162	0.0047	0.0002	0.0034	0.0084	0.0010	0.0006	0.0001	0.0114	0.0374
340	2035	ALT2	WB	NT	Ramp	0.42	0.58	13.02	1.75	4838	3254	0.0354	0.0327	0.0134	0.0007	0.0067	0.0181	0.0029	0.0020	0.0003	0.0131	0.0647
341	2035	ALT2	WB	NT	Ramp	0.60	0.87	15.57	2.00	6553	4364	0.0500	0.0463	0.0197	0.0010	0.0080	0.0232	0.0043	0.0033	0.0005	0.0126	0.0713
342	2035	ALT2	WB	NT	Ramp	0.06	0.08	1.49	0.28	633	442	0.0061	0.0056	0.0018	0.0001	0.0015	0.0037	0.0004	0.0002	0.0000	0.0033	0.0180
343	2035	ALT2	WB	NT	Ramp	0.15	0.22	2.14	0.33	1225	819	0.0116	0.0108	0.0049	0.0002	0.0037	0.0090	0.0010	0.0008	0.0001	0.0022	0.0422
344	2035	ALT2	WB	NT	Ramp	0.06	0.08	1.47	0.25	611	422	0.0055	0.0051	0.0018	0.0001	0.0013	0.0032	0.0004	0.0003	0.0000	0.0027	0.0149
345	2035	ALT2	WB	NT	Ramp	0.05	0.08	0.90	0.12	471	313	0.0041	0.0038	0.0017	0.0001	0.0010	0.0025	0.0004	0.0003	0.0000	0.0007	0.0100
346	2035	ALT2	WB	NT	Ramp	0.08	0.12	1.53	0.20	760	504	0.0064	0.0059	0.0027	0.0001	0.0013	0.0036	0.0006	0.0005	0.0001	0.0011	0.0134
347	2035	ALT2	WB	NT	Ramp	0.05	0.08	1.23	0.16	552	367	0.0044	0.0041	0.0018	0.0001	0.0008	0.0023	0.0004	0.0003	0.0000	0.0010	0.0079
348	2035	ALT2	WB	NT	Ramp	0.34	0.48	9.11	1.52	3750	2580	0.0331	0.0306	0.0107	0.0005	0.0077	0.0189	0.0022	0.0015	0.0003	0.0158	0.0856
349	2035	ALT2	WB	NT	Ramp	0.13	0.19	3.18	0.37	1371	903	0.0101	0.0093	0.0043	0.0002	0.0014	0.0044	0.0009	0.0007	0.0001	0.0016	0.0110
350	2035	ALT2	WB	NT	Ramp	0.13	0.18	4.10	0.48	1487	985	0.0096	0.0089	0.0041	0.0002	0.0015	0.0045	0.0009	0.0006	0.0001	0.0024	0.0117
351	2035	ALT2	WB	NT	Ramp	0.06	0.09	1.21	0.18	590	398	0.0052	0.0048	0.0021	0.0001	0.0015	0.0036	0.0004	0.0003	0.0001	0.0015	0.0165
352	2035	ALT2	WB	NT	Ramp	0.06	0.08	1.40	0.16	602	397	0.0044	0.0041	0.0019	0.0001	0.0006	0.0020	0.0004	0.0003	0.0000	0.0007	0.0049
353	2035	ALT2	WB	NT	Ramp	0.16	0.24	4.30	0.51	1792	1184	0.0130	0.0121	0.0054	0.0003	0.0018	0.0056	0.0012	0.0009	0.0001	0.0025	0.0138
354	2035	ALT2	WB	NT	Ramp	0.20	0.30	4.09	0.56	1952	1304	0.0163	0.0151	0.0066	0.0003	0.0037	0.0098	0.0014	0.0011	0.0002	0.0037	0.0391
355	2035	ALT2	WB	NT	Ramp	0.15	0.22	2.46	0.31	1315	869	0.0115	0.0107	0.0049	0.0002	0.0024	0.0066	0.0010	0.0009	0.0001	0.0016	0.0245
356	2035	ALT2	WB	NT	Ramp	0.05	0.08	1.25	0.15	564	372	0.0043	0.0040	0.0018	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0007	0.0062
357	2035	ALT2	WB	NT	Ramp	0.20	0.29	3.62	0.47	1835	1217	0.0157	0.0145	0.0066	0.0003	0.0035	0.0093	0.0014	0.0012	0.0002	0.0026	0.0357
358	2035	ALT2	WB	NT	Ramp	0.21	0.30	2.25	0.39	1451	974	0.0151	0.0140	0.0065	0.0003	0.0059	0.0139	0.0013	0.0011	0.0002	0.0027	0.0713
359	2035	ALT2	WB	NT	Ramp	0.18	0.27	2.75	0.33	1593	1045	0.0145	0.0135	0.0061	0.0003	0.0024	0.0070	0.0013	0.0012	0.0002	0.0012	0.0216
360	2035	ALT2	WB	NT	Ramp	0.15	0.21	1.83	0.32	1074	725	0.0107	0.0099	0.0045	0.0002	0.0043	0.0100	0.0009	0.0007	0.0001	0.0025	0.0517
361	2035	ALT2	WB	NT	Ramp	0.11	0.16	1.61	0.22	926	613	0.0086	0.0080	0.0036	0.0002	0.0020	0.0053	0.0008	0.0007	0.0001	0.0011	0.0213
362	2035	ALT2	WB	NT	Ramp	0.13	0.19	2.32	0.35	1166	785	0.0104	0.0096	0.0042	0.0002	0.0030	0.0074	0.0009	0.0007	0.0001	0.0027	0.0336
363	2035	ALT2	WB	NT	Ramp	0.18	0.27	3.37	0.39	1718	1128	0.0143	0.0132	0.0061	0.0003	0.0023	0.0068	0.0013	0.0011	0.0002	0.0015	0.0194
364	2035	ALT2	WB	NT	HOV																	
365	2035	ALT2	WB	NT	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
366	2035	ALT2	WB	NT	HOV	0.20	0.28	7.65	0.78	2480	1612	0.0115	0.0107	0.0067	0.0004	0.0013	0.0051	0.0015	0.0009	0.0001	0.0008	0.0025
367	2035	ALT2	WB	NT	HOV	0.31	0.42	11.50	1.17	3727	2423	0.0173	0.0161	0.0101	0.0005	0.0020	0.0077	0.0023	0.0014	0.0002	0.0012	0.0038
368	2035	ALT2	WB	NT	HOV	0.15	0.22	5.83	0.59	1888	1227	0.0088	0.0081	0.0051	0.0003	0.0010	0.0039	0.0012	0.0007	0.0001	0.0006	0.0019
369	2035	ALT2	WB	NT	HOV	0.15	0.20	5.52	0.56	1789	1163	0.0083	0.0077	0.0048	0.0003	0.0009	0.0037	0.0011	0.0007	0.0001	0.0006	0.0018
370	2035	ALT2	WB	NT	HOV	0.16	0.22	5.86	0.59	1900	1235	0.0089	0.0082	0.0051	0.0003	0.0010	0.0039	0.0012	0.0007	0.0001	0.0006	0.0020
371	2035	ALT2	WB	NT	HOV	0.07	0.10	2.70	0.27	875	569	0.0041	0.0038	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0009
372	2035	ALT2	WB	NT	HOV	0.11	0.15	4.17	0.42	1352	879	0.0063	0.0059	0.0037	0.0002	0.0007	0.0028	0.0008	0.0005	0.0001	0.0004	0.0014
373	2035	ALT2	WB	NT	HOV	0.07	0.10	2.73	0.28	885	575	0.0041	0.0038	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0009
374	2035	ALT2	WB	NT	HOV	0.32	0.45	12.24	1.24	3971	2581	0.0186	0.0172	0.0107	0.0006	0.0021	0.0082	0.0024	0.0015	0.0002	0.0013	0.0041
375	2035	ALT2	WB	NT	HOV	0.11	0.15	4.08	0.41	1324	860	0.0062	0.0057	0.0036	0.0002	0.0007	0.0027	0.0008	0.0005	0.0001	0.0004	0.0014
376	2035	ALT2	WB	NT	HOV	0.05	0.07	1.90	0.19	617	401	0.0029	0.0027	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0006
377	2035	ALT2	WB	NT	HOV	0.36	0.50	13.48	1.36	4371	2841	0.0204	0.0189	0.0118	0.0006	0.0023	0.0090	0.0027	0.0017	0.0002	0.0014	0.0045
378	2035	ALT2	WB	NT	HOV	0.08	0.11	3.01	0.30	976	634	0.0046	0.0042	0.0026	0.0001	0.0005	0.0020	0.0006	0.0004	0.0001	0.0003	0.0010
379	2035	ALT2	WB	NT	HOV	0.14	0.20	4.95	0.48	1716	1115	0.0092	0.0086	0.0047	0.0003	0.0009	0.0036	0.0011	0.0008	0.0001	0.0005	0.0019
380	2035	ALT2	WB	NT	HOV	0.13	0.19	4.60	0.45	1594	1036	0.0086	0.0080	0.0044	0.0002	0.0008	0.0033	0.0010	0.0007	0.0001	0.0005	0.0018
381	2035	ALT2	WB	NT	HOV	0.48	0.69	16.87	1.65	5844	3798	0.0315	0.0292	0.0162	0.0009	0.0030	0.0123	0.0037	0.0026	0.0004	0.0017	0.0065
382	2035	ALT2	WB	NT	HOV	0.07	0.10	2.48	0.24	861	559	0.0046	0.0043	0.0024	0.0001	0.0004	0.0018	0.0005	0.0004	0.0001	0.0003	0.0010
383	2035	ALT2	WB	NT	HOV	0.30	0.44	10.60	1.04	3670	2385	0.0198	0.0183	0.0102	0.0005	0.0019	0.0077	0.0023	0.0016	0.0002	0.0011	0.0041
384	2035	ALT2	WB	NT	HOV	0.18	0.26	6.28	0.61	2174	1413	0.0117	0.0108	0.0060	0.0003	0.0011	0.0046	0.0014	0.0010	0.0001	0.0006	0.0024
385	2035	ALT2	WB	NT	HOV	0.45	0.64	15.64	1.53	5420	3522	0.0292	0.0270	0.0150	0.0008	0.0028	0.0114	0.0034	0.0024	0.0004	0.0016	0.0060
386	2035	ALT2	WB	NT	HOV	0.13	0.19	4.66	0.46	1614	1049	0.0087	0.0081	0.0045	0.0002	0.0008	0.0034	0.0010	0.0007	0.0001	0.0005	0.0018
387	2035	ALT2	WB	NT	HOV	0.12	0.17	4.07	0.40	1411	917	0.0076	0.0070	0.0039	0.0002	0.0007	0.0030	0.0009	0.0006	0.0001	0.0004	0.0016
388	2035	ALT2	WB	NT	HOV	0.12	0.17	4.12	0.40	1429	929	0.0077	0.0071	0.0040	0.0002	0.0007	0.0030	0.0009	0.0006	0.0001	0.0004	0.0016
389	2035	ALT2	WB	NT	HOV	0.46	0.67	16.18	1.58	5604	3642	0.0302	0.0280	0.0155	0.0008	0.0029	0.0118	0.0035	0.0025	0.0004	0.0017	0.0062
390	2035	ALT2	WB	NT	HOV	0.02	0.02	0.65	0.07	210	136	0.0010	0.0009	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0002
391	2035	ALT2	WB	NT	HOV	0.23	0.32	8.63	0.89	2804	1823	0.0127	0.0118	0.0076	0.0004	0.0015	0.0058	0.0017	0.0010	0.0002	0.0009	0.0028
392	2035	ALT2	WB	NT	HOV	0.03	0.05	1.23	0.13	399	259	0.0018	0.0017	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0004
393	2035	ALT2	WB	NT	HOV	0.22	0.30	8.14	0.84	2644	1719	0.0120	0.0111	0.0072	0.0004	0.0014	0.0055	0.0016	0.0010	0.0001	0.0009	0.0026
394	2035	ALT2	WB	NT	HOV	0.16	0.22	5.81	0.60	1886	1226	0.0086	0.0080	0.0051	0.0003	0.0010	0.0039	0.0012	0.0007	0.0001	0.0006	0.0019
395	2035	ALT2	WB	NT	HOV	0.22	0.31	8.29	0.85	2692	1750	0.0122	0.0113	0.0073	0.0004	0.0014	0.0056	0.0017	0.0010	0.0001	0.0009	0.0027
396	2035	ALT2	WB	NT	HOV	0.06	0.09	2.37	0.24	771	501	0.0035	0.0033	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0008
397	2035	ALT2	WB	NT	HOV	0.22	0.31	8.23	0.85	2671	1736	0.0121	0.0113	0.0073	0.0004	0.0014	0.0056	0.0017	0.0010	0.0001	0.0009	0.0027
398	2035	ALT2	WB	NT	HOV	0.32	0.44	11.88	1.22	3859	2509	0.0175	0.0163	0.0105	0.0006	0.0020	0.0081	0.0024	0.0014	0.0002	0.0013	0.0038
399	2035	ALT2	WB	NT	HOV	0.27	0.38	10.13	1.04	3289	2138	0.0150	0.0139	0.0089	0.0005	0.0017	0.0069	0.0020	0.0012	0.0002	0.0011	0.0033
400	2035	ALT2	WB	NT	HOV	0.20	0.27	7.30	0.75	2371	1541	0.0108	0.0100	0.0065	0.0003	0.0013	0.0049	0.0015	0.0009	0.0001	0.0008	0.0024
401	2035	ALT2	WB	NT	HOV	0.14	0.19	5.23	0.54	1699	1104	0.0077	0.0072	0.0046	0.0002	0.0009	0.0035	0.0011	0.0006	0.0001	0.0006	0.0017
402	2035	ALT2	WB	NT	HOV	0.14	0.19	5.04	0.52	1637	1064	0.0074	0.0069	0.0045	0.0002	0.0009	0.0034	0.0010	0.0006	0.0001	0.0005	0.0016
403	2035	ALT2	WB	NT	HOV	0.29	0.40	10.85	1.10	3521	2289	0.0165	0.0153	0.0095	0.0005	0.0018	0.0073	0.0022	0.0014	0.0002	0.0011	0.0036
404	2035	ALT2	WB	NT	HOV	0.16	0.23	6.13	0.62	1989	1293	0.0093	0.0086	0.0054	0.0003	0.0010	0.0041	0.0012	0.0008	0.0001	0.0006	0.0021
405	2035	ALT2	WB	NT	HOV	0.23	0.31	8.48	0.86	2751	1788	0.0129	0.0119	0.0074	0.0004	0.0014	0.0057	0.0017	0.0011	0.0002	0.0009	0.0028
406	2035	ALT2	WB	NT	HOV	0.17	0.24	6.58	0.66	2134	1387	0.0100	0.0093	0.0058	0.0003	0.0011	0.0044	0.0013	0.0008	0.0001	0.0007	0.0022
407	2035	ALT2	WB	NT	HOV	0.26	0.37	9.92	1.00	3218	2092	0.0151	0.0140	0.0087	0.0005	0.0017	0.0067	0.0020	0.0012	0.0002	0.0010	0.0033
408	2035	ALT2	WB	NT	HOV	0.16	0.23	6.20	0.63	2013	1308	0.0094	0.0087	0.0054	0.0003	0.0011	0.0042	0.0012	0.0008	0.0001	0.0006	0.0021
409	2035	ALT2	WB	NT	HOV	0.23	0.32	8.66	0.87	2809	1826	0.0132	0.0122	0.0076	0.0004	0.0015	0.0058	0.0017	0.0011	0.0002	0.0009	0.0029
410	2035	ALT2	WB	NT	HOV	0.40	0.54	14.13	1.51	4682	3044	0.0206	0.0191	0.0131	0.0007	0.0026	0.0100	0.0030	0.0017	0.0002	0.0017	0.0044
411	2035	ALT2	WB	NT	HOV	0.21	0.29	7.57	0.81	2508	1630	0.0110	0.0102	0.0070	0.0004	0.0014	0.0054	0.0016	0.0009	0.0001	0.0009	0.0023
412	2035	ALT2	WB	NT	HOV	0.08	0.11	2.90	0.31	961	625	0.0042	0.0039	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0009
413	2035	ALT2	WB	NT	HOV	0.04	0.06	1.48	0.16	492	320	0.0022	0.0020	0.0014	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0005

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
414	2035	ALT2	WB	NT	HOV	0.18	0.24	6.32	0.68	2095	1362	0.0092	0.0085	0.0058	0.0003	0.0011	0.0045	0.0013	0.0007	0.0001	0.0007	0.0020
415	2035	ALT2	WB	NT	HOV	0.04	0.06	1.48	0.16	491	319	0.0022	0.0020	0.0014	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0005
416	2035	ALT2	WB	NT	HOV	0.01	0.01	0.23	0.02	76	50	0.0003	0.0003	0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
417	2035	ALT2	WB	NT	HOV	0.18	0.25	6.47	0.69	2143	1393	0.0094	0.0087	0.0060	0.0003	0.0012	0.0046	0.0014	0.0008	0.0001	0.0008	0.0020
418	2035	ALT2	WB	NT	HOV	0.08	0.11	2.78	0.30	922	599	0.0040	0.0038	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0009
419	2035	ALT2	WB	NT	HOV	0.13	0.18	4.58	0.49	1519	988	0.0067	0.0062	0.0042	0.0002	0.0008	0.0033	0.0010	0.0005	0.0001	0.0005	0.0014
420	2035	ALT2	WB	NT	HOV	0.19	0.27	7.00	0.69	2343	1523	0.0119	0.0111	0.0064	0.0003	0.0012	0.0049	0.0014	0.0010	0.0001	0.0007	0.0026
421	2035	ALT2	WB	NT	HOV	0.18	0.26	6.63	0.65	2218	1442	0.0113	0.0105	0.0060	0.0003	0.0011	0.0046	0.0014	0.0009	0.0001	0.0007	0.0024
422	2035	ALT2	WB	NT	HOV	0.22	0.31	7.87	0.78	2633	1711	0.0134	0.0124	0.0072	0.0004	0.0014	0.0055	0.0016	0.0011	0.0002	0.0008	0.0029
423	2035	ALT2	WB	NT	HOV	0.41	0.59	15.17	1.49	5078	3300	0.0259	0.0240	0.0138	0.0007	0.0026	0.0105	0.0031	0.0021	0.0003	0.0015	0.0055
424	2035	ALT2	WB	NT	HOV	0.10	0.14	3.71	0.37	1242	807	0.0063	0.0059	0.0034	0.0002	0.0006	0.0026	0.0008	0.0005	0.0001	0.0004	0.0014
425	2035	ALT2	WB	NT	HOV	0.24	0.34	8.76	0.86	2935	1907	0.0149	0.0139	0.0080	0.0004	0.0015	0.0061	0.0018	0.0012	0.0002	0.0009	0.0032
426	2035	ALT2	WB	NT	HOV	0.13	0.18	4.61	0.45	1545	1004	0.0079	0.0073	0.0042	0.0002	0.0008	0.0032	0.0010	0.0007	0.0001	0.0005	0.0017
427	2035	ALT2	WB	NT	HOV	0.24	0.34	8.82	0.87	2954	1920	0.0150	0.0140	0.0080	0.0004	0.0015	0.0061	0.0018	0.0012	0.0002	0.0009	0.0032
428	2035	ALT2	WB	NT	HOV	0.26	0.37	9.42	0.93	3153	2049	0.0161	0.0149	0.0086	0.0005	0.0016	0.0065	0.0019	0.0013	0.0002	0.0010	0.0034
429	2035	ALT2	WB	NT	HOV	0.17	0.24	6.28	0.62	2102	1366	0.0107	0.0099	0.0057	0.0003	0.0011	0.0044	0.0013	0.0009	0.0001	0.0006	0.0023
430	2035	ALT2	WB	NT	HOV	0.15	0.21	5.62	0.59	1837	1194	0.0082	0.0076	0.0050	0.0003	0.0010	0.0039	0.0011	0.0007	0.0001	0.0006	0.0018
431	2035	ALT2	WB	NT	HOV	0.14	0.19	5.07	0.53	1656	1076	0.0074	0.0069	0.0045	0.0002	0.0009	0.0035	0.0010	0.0006	0.0001	0.0006	0.0016
432	2035	ALT2	WB	NT	HOV	0.16	0.22	5.97	0.62	1950	1268	0.0088	0.0081	0.0053	0.0003	0.0010	0.0041	0.0012	0.0007	0.0001	0.0007	0.0019
433	2035	ALT2	WB	NT	HOV	0.29	0.42	9.01	0.87	3363	2185	0.0199	0.0185	0.0097	0.0005	0.0018	0.0073	0.0022	0.0017	0.0002	0.0010	0.0038
434	2035	ALT2	WB	NT	HOV	0.24	0.35	7.57	0.73	2827	1837	0.0167	0.0155	0.0081	0.0004	0.0015	0.0061	0.0018	0.0014	0.0002	0.0008	0.0032
435	2035	ALT2	WB	NT	HOV	0.46	0.68	14.52	1.41	5423	3523	0.0321	0.0298	0.0156	0.0008	0.0029	0.0117	0.0035	0.0027	0.0004	0.0016	0.0061
436	2035	ALT2	WB	NT	HOV	0.04	0.06	1.39	0.14	520	338	0.0031	0.0029	0.0015	0.0001	0.0003	0.0011	0.0003	0.0003	0.0000	0.0001	0.0006
437	2035	ALT2	WB	NT	HOV	0.49	0.72	15.45	1.50	5769	3748	0.0341	0.0317	0.0166	0.0009	0.0030	0.0125	0.0037	0.0029	0.0004	0.0017	0.0065
1	2035	ALT3	EB	AM	Mainline	0.49	0.64	12.97	2.60	5438	3820	0.0690	0.0636	0.0150	0.0007	0.0102	0.0252	0.0032	0.0015	0.0004	0.0522	0.1079
2	2035	ALT3	EB	AM	Mainline	1.25	1.61	31.50	6.60	13614	9592	0.1846	0.1701	0.0381	0.0018	0.0257	0.0637	0.0080	0.0038	0.0011	0.1434	0.2705
3	2035	ALT3	EB	AM	Mainline	0.06	0.08	1.49	0.31	653	458	0.0088	0.0081	0.0019	0.0001	0.0012	0.0029	0.0004	0.0002	0.0001	0.0068	0.0117
4	2035	ALT3	EB	AM	Mainline	1.05	1.36	26.39	5.57	11458	8079	0.1572	0.1448	0.0321	0.0015	0.0218	0.0538	0.0068	0.0032	0.0010	0.1226	0.2290
5	2035	ALT3	EB	AM	Mainline	0.44	0.57	10.61	2.19	4651	3260	0.0630	0.0581	0.0135	0.0006	0.0083	0.0210	0.0029	0.0013	0.0004	0.0487	0.0836
6	2035	ALT3	EB	AM	Mainline	0.64	0.82	15.40	3.33	6812	4811	0.0973	0.0897	0.0194	0.0009	0.0130	0.0323	0.0041	0.0019	0.0006	0.0769	0.1364
7	2035	ALT3	EB	AM	Mainline	0.92	1.19	24.24	4.93	10205	7183	0.1315	0.1212	0.0281	0.0013	0.0195	0.0480	0.0059	0.0029	0.0008	0.1003	0.2080
8	2035	ALT3	EB	AM	Mainline	1.18	1.52	29.06	6.27	12778	9032	0.1812	0.1670	0.0359	0.0017	0.0247	0.0609	0.0076	0.0036	0.0011	0.1430	0.2612
9	2035	ALT3	EB	AM	Mainline	0.98	1.27	25.56	5.24	10824	7621	0.1412	0.1301	0.0298	0.0014	0.0207	0.0509	0.0063	0.0030	0.0009	0.1082	0.2200
10	2035	ALT3	EB	AM	Mainline	0.31	0.39	7.38	1.61	3285	2324	0.0478	0.0441	0.0093	0.0004	0.0063	0.0157	0.0020	0.0009	0.0003	0.0380	0.0667
11	2035	ALT3	EB	AM	Mainline	0.63	0.82	16.76	3.36	7012	4925	0.0886	0.0816	0.0193	0.0009	0.0132	0.0325	0.0041	0.0020	0.0006	0.0670	0.1393
12	2035	ALT3	EB	AM	Mainline	0.45	0.58	11.26	2.31	4847	3403	0.0642	0.0592	0.0137	0.0006	0.0089	0.0222	0.0029	0.0014	0.0004	0.0493	0.0917
13	2035	ALT3	EB	AM	Mainline	0.45	0.57	10.46	2.06	4592	3191	0.0591	0.0545	0.0138	0.0007	0.0075	0.0196	0.0030	0.0013	0.0004	0.0446	0.0713
14	2035	ALT3	EB	AM	Mainline	0.67	0.86	15.95	3.13	6946	4828	0.0884	0.0815	0.0206	0.0010	0.0114	0.0296	0.0045	0.0020	0.0006	0.0663	0.1091
15	2035	ALT3	EB	AM	Mainline	0.81	1.05	20.97	4.05	8803	6132	0.1071	0.0987	0.0249	0.0012	0.0150	0.0382	0.0053	0.0026	0.0007	0.0793	0.1504
16	2035	ALT3	EB	AM	Mainline	0.47	0.61	12.43	2.37	5163	3595	0.0616	0.0568	0.0145	0.0007	0.0088	0.0224	0.0031	0.0015	0.0004	0.0453	0.0891
17	2035	ALT3	EB	AM	Mainline	0.76	0.98	20.28	3.92	8371	5850	0.1008	0.0930	0.0232	0.0011	0.0150	0.0375	0.0049	0.0024	0.0006	0.0746	0.1557
18	2035	ALT3	EB	AM	Mainline	0.66	0.86	17.91	3.26	7285	5045	0.0814	0.0751	0.0205	0.0010	0.0118	0.0305	0.0044	0.0021	0.0005	0.0579	0.1175
19	2035	ALT3	EB	AM	Mainline	0.53	0.68	13.07	2.46	5540	3835	0.0657	0.0606	0.0163	0.0008	0.0088	0.0230	0.0035	0.0016	0.0004	0.0479	0.0837
20	2035	ALT3	EB	AM	Mainline	1.06	1.37	26.54	5.04	11262	7811	0.1356	0.1250	0.0328	0.0016	0.0182	0.0474	0.0071	0.0033	0.0009	0.0996	0.1762
21	2035	ALT3	EB	AM	Mainline	0.12	0.15	2.80	0.54	1217	844	0.0152	0.0140	0.0036	0.0002	0.0019	0.0051	0.0008	0.0004	0.0001	0.0113	0.0185
22	2035	ALT3	EB	AM	Mainline	0.45	0.58	10.80	2.06	4672	3233	0.0571	0.0527	0.0140	0.0007	0.0073	0.0194	0.0030	0.0014	0.0004	0.0421	0.0685
23	2035	ALT3	EB	AM	Mainline	0.45	0.58	10.75	2.11	4693	3262	0.0600	0.0553	0.0140	0.0007	0.0077	0.0200	0.0030	0.0014	0.0004	0.0451	0.0737
24	2035	ALT3	EB	AM	Mainline	0.42	0.54	9.97	1.90	4334	2997	0.0530	0.0489	0.0131	0.0006	0.0067	0.0179	0.0029	0.0013	0.0003	0.0391	0.0623

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
25	2035	ALT3	EB	AM	Mainline	0.27	0.35	6.53	1.23	2798	1936	0.0336	0.0310	0.0083	0.0004	0.0044	0.0116	0.0018	0.0008	0.0002	0.0246	0.0414
26	2035	ALT3	EB	AM	Mainline	2.37	3.04	55.09	10.29	23945	16512	0.2866	0.2643	0.0732	0.0036	0.0361	0.0972	0.0160	0.0071	0.0019	0.2086	0.3265
27	2035	ALT3	EB	AM	Mainline	1.87	2.39	41.78	7.83	18480	12742	0.2265	0.2089	0.0579	0.0029	0.0278	0.0754	0.0127	0.0055	0.0015	0.1662	0.2472
28	2035	ALT3	EB	AM	Mainline	1.03	1.32	23.36	4.34	10268	7073	0.1238	0.1142	0.0320	0.0016	0.0153	0.0416	0.0070	0.0031	0.0008	0.0902	0.1359
29	2035	ALT3	EB	AM	Mainline	0.72	0.92	16.16	2.93	7084	4864	0.0827	0.0762	0.0223	0.0011	0.0102	0.0282	0.0049	0.0021	0.0005	0.0592	0.0881
30	2035	ALT3	EB	AM	Mainline	1.23	1.57	27.39	4.93	12026	8248	0.1393	0.1285	0.0382	0.0019	0.0172	0.0475	0.0084	0.0036	0.0009	0.0994	0.1464
31	2035	ALT3	EB	AM	Mainline	0.92	1.18	20.85	3.71	9072	6213	0.1023	0.0944	0.0286	0.0014	0.0128	0.0354	0.0063	0.0028	0.0007	0.0721	0.1080
32	2035	ALT3	EB	AM	Mainline	0.98	1.26	22.93	4.14	9882	6784	0.1125	0.1038	0.0305	0.0015	0.0142	0.0389	0.0067	0.0030	0.0007	0.0799	0.1246
33	2035	ALT3	EB	AM	Mainline	0.91	1.18	22.00	3.88	9312	6376	0.1010	0.0932	0.0284	0.0014	0.0131	0.0359	0.0062	0.0028	0.0007	0.0700	0.1137
34	2035	ALT3	EB	AM	Mainline	1.07	1.38	26.30	4.72	11071	7608	0.1229	0.1134	0.0331	0.0016	0.0162	0.0437	0.0072	0.0033	0.0008	0.0865	0.1465
35	2035	ALT3	EB	AM	Mainline	0.60	0.78	14.58	2.53	6141	4197	0.0651	0.0600	0.0188	0.0009	0.0085	0.0234	0.0041	0.0019	0.0004	0.0445	0.0724
36	2035	ALT3	EB	AM	Mainline	0.72	0.93	17.47	3.03	7358	5029	0.0780	0.0719	0.0225	0.0011	0.0101	0.0280	0.0049	0.0022	0.0005	0.0533	0.0867
37	2035	ALT3	EB	AM	Mainline	0.97	1.25	23.53	4.09	9911	6774	0.1050	0.0969	0.0303	0.0015	0.0137	0.0378	0.0067	0.0030	0.0007	0.0719	0.1168
38	2035	ALT3	EB	AM	Mainline	1.44	1.86	36.15	6.13	14909	10173	0.1512	0.1395	0.0448	0.0022	0.0202	0.0559	0.0098	0.0046	0.0011	0.1009	0.1740
39	2035	ALT3	EB	AM	Mainline	1.52	1.96	36.81	6.20	15408	10484	0.1551	0.1431	0.0475	0.0024	0.0202	0.0569	0.0105	0.0047	0.0011	0.1028	0.1657
40	2035	ALT3	EB	AM	Mainline	1.01	1.30	23.47	4.01	10028	6833	0.1051	0.0970	0.0316	0.0016	0.0134	0.0377	0.0070	0.0031	0.0007	0.0712	0.1091
41	2035	ALT3	EB	AM	Mainline	0.37	0.48	9.00	1.52	3781	2573	0.0383	0.0353	0.0117	0.0006	0.0050	0.0140	0.0026	0.0012	0.0003	0.0255	0.0406
42	2035	ALT3	EB	AM	Mainline	1.09	1.41	27.05	4.61	11235	7666	0.1151	0.1062	0.0340	0.0017	0.0152	0.0422	0.0075	0.0034	0.0008	0.0773	0.1303
43	2035	ALT3	EB	AM	Mainline	0.48	0.62	11.44	1.93	4822	3282	0.0491	0.0453	0.0150	0.0008	0.0063	0.0179	0.0033	0.0015	0.0003	0.0327	0.0516
44	2035	ALT3	EB	AM	Mainline	0.76	0.98	18.09	3.06	7626	5190	0.0776	0.0716	0.0237	0.0012	0.0100	0.0283	0.0052	0.0023	0.0005	0.0517	0.0816
45	2035	ALT3	EB	AM	Mainline	0.34	0.43	8.09	1.36	3394	2308	0.0341	0.0314	0.0105	0.0005	0.0044	0.0125	0.0023	0.0010	0.0002	0.0225	0.0359
46	2035	ALT3	EB	AM	Mainline	0.89	1.15	22.25	3.73	9165	6243	0.0913	0.0842	0.0277	0.0014	0.0122	0.0340	0.0061	0.0028	0.0006	0.0603	0.1030
47	2035	ALT3	EB	AM	Mainline	0.05	0.07	1.23	0.21	518	352	0.0052	0.0048	0.0016	0.0001	0.0007	0.0019	0.0004	0.0002	0.0000	0.0034	0.0054
48	2035	ALT3	EB	AM	Mainline	1.06	1.36	24.59	4.19	10480	7137	0.1088	0.1004	0.0330	0.0017	0.0139	0.0392	0.0073	0.0032	0.0008	0.0733	0.1128
49	2035	ALT3	EB	AM	Mainline	0.08	0.11	2.02	0.34	848	578	0.0086	0.0080	0.0026	0.0001	0.0011	0.0032	0.0006	0.0003	0.0001	0.0058	0.0092
50	2035	ALT3	EB	AM	Mainline	1.28	1.65	30.59	5.33	12975	8865	0.1383	0.1276	0.0400	0.0020	0.0178	0.0494	0.0088	0.0039	0.0009	0.0948	0.1505
51	2035	ALT3	EB	AM	Mainline	0.21	0.27	5.28	0.90	2187	1493	0.0225	0.0207	0.0066	0.0003	0.0030	0.0083	0.0014	0.0007	0.0002	0.0151	0.0259
52	2035	ALT3	EB	AM	Mainline	0.30	0.40	7.92	1.33	3218	2196	0.0321	0.0296	0.0095	0.0005	0.0044	0.0121	0.0021	0.0010	0.0002	0.0213	0.0385
53	2035	ALT3	EB	AM	Mainline	0.22	0.29	5.96	1.03	2405	1649	0.0247	0.0228	0.0069	0.0003	0.0035	0.0093	0.0015	0.0007	0.0002	0.0167	0.0321
54	2035	ALT3	EB	AM	Mainline	1.13	1.48	32.11	5.47	12625	8680	0.1275	0.1176	0.0352	0.0017	0.0192	0.0503	0.0076	0.0038	0.0009	0.0856	0.1858
55	2035	ALT3	EB	AM	Mainline	0.57	0.74	14.66	2.56	6025	4134	0.0639	0.0589	0.0177	0.0009	0.0087	0.0235	0.0038	0.0018	0.0004	0.0440	0.0797
56	2035	ALT3	EB	AM	Mainline	0.69	0.90	18.43	3.31	7526	5193	0.0825	0.0761	0.0215	0.0010	0.0117	0.0305	0.0046	0.0022	0.0006	0.0580	0.1120
57	2035	ALT3	EB	AM	Mainline	0.44	0.56	9.91	1.80	4324	2969	0.0502	0.0463	0.0136	0.0007	0.0063	0.0172	0.0030	0.0013	0.0003	0.0359	0.0541
58	2035	ALT3	EB	AM	Mainline	1.41	1.81	32.37	6.06	14166	9769	0.1712	0.1578	0.0437	0.0022	0.0214	0.0576	0.0096	0.0042	0.0011	0.1250	0.1920
59	2035	ALT3	EB	AM	Mainline	0.36	0.46	8.09	1.49	3569	2456	0.0428	0.0395	0.0113	0.0006	0.0053	0.0144	0.0025	0.0011	0.0003	0.0311	0.0459
60	2035	ALT3	EB	AM	Mainline	1.42	1.82	31.89	6.12	14153	9791	0.1790	0.1650	0.0439	0.0022	0.0220	0.0589	0.0096	0.0042	0.0011	0.1333	0.2003
61	2035	ALT3	EB	AM	Mainline	0.35	0.44	7.71	1.40	3393	2330	0.0399	0.0368	0.0107	0.0005	0.0049	0.0135	0.0024	0.0010	0.0003	0.0287	0.0424
62	2035	ALT3	EB	AM	Mainline	0.69	0.88	15.09	2.85	6750	4657	0.0845	0.0779	0.0214	0.0011	0.0102	0.0278	0.0047	0.0020	0.0005	0.0625	0.0904
63	2035	ALT3	EB	AM	Mainline	0.26	0.33	5.67	1.11	2555	1772	0.0337	0.0311	0.0080	0.0004	0.0041	0.0108	0.0017	0.0008	0.0002	0.0255	0.0371
64	2035	ALT3	EB	AM	Mainline	0.77	0.98	16.83	3.47	7670	5356	0.1081	0.0996	0.0236	0.0011	0.0130	0.0339	0.0051	0.0022	0.0007	0.0841	0.1242
65	2035	ALT3	EB	AM	Mainline	0.24	0.31	5.39	1.10	2444	1705	0.0340	0.0313	0.0075	0.0004	0.0041	0.0107	0.0016	0.0007	0.0002	0.0263	0.0391
66	2035	ALT3	EB	AM	Mainline	0.09	0.11	1.95	0.45	914	648	0.0147	0.0135	0.0027	0.0001	0.0018	0.0044	0.0006	0.0003	0.0001	0.0120	0.0183
67	2035	ALT3	EB	AM	Mainline	0.64	0.81	13.82	3.46	6631	4764	0.1172	0.1080	0.0191	0.0009	0.0141	0.0342	0.0040	0.0018	0.0007	0.0986	0.1522
68	2035	ALT3	EB	AM	Mainline	0.48	0.61	10.17	2.48	4886	3493	0.0851	0.0784	0.0144	0.0007	0.0100	0.0246	0.0030	0.0013	0.0005	0.0711	0.1054
69	2035	ALT3	EB	AM	Mainline	1.09	1.38	23.00	6.08	11315	8187	0.2145	0.1976	0.0326	0.0015	0.0253	0.0606	0.0068	0.0030	0.0012	0.1835	0.2765
70	2035	ALT3	EB	AM	Mainline	0.68	0.87	13.97	3.61	6925	4986	0.1313	0.1210	0.0206	0.0009	0.0148	0.0361	0.0043	0.0018	0.0007	0.1120	0.1578
71	2035	ALT3	EB	AM	Mainline	0.77	0.97	15.25	4.65	8018	5911	0.1808	0.1665	0.0229	0.0010	0.0200	0.0468	0.0047	0.0020	0.0009	0.1605	0.2262
72	2035	ALT3	EB	AM	Mainline	0.77	0.96	15.15	4.38	7836	5729	0.1684	0.1551	0.0228	0.0010	0.0185	0.0440	0.0047	0.0020	0.0009	0.1478	0.2047

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
73	2035	ALT3	EB	AM	Ramp	0.04	0.07	1.08	0.13	473	312	0.0036	0.0033	0.0015	0.0001	0.0005	0.0016	0.0003	0.0003	0.0000	0.0006	0.0046
74	2035	ALT3	EB	AM	Ramp	0.05	0.08	0.93	0.13	478	319	0.0042	0.0039	0.0017	0.0001	0.0011	0.0028	0.0004	0.0003	0.0000	0.0009	0.0119
75	2035	ALT3	EB	AM	Ramp	0.06	0.08	1.03	0.14	519	345	0.0044	0.0041	0.0018	0.0001	0.0010	0.0027	0.0004	0.0003	0.0000	0.0008	0.0106
76	2035	ALT3	EB	AM	Ramp	0.09	0.14	1.54	0.21	820	546	0.0073	0.0068	0.0031	0.0001	0.0019	0.0049	0.0006	0.0005	0.0001	0.0013	0.0206
77	2035	ALT3	EB	AM	Ramp	0.06	0.09	1.23	0.16	598	396	0.0049	0.0046	0.0021	0.0001	0.0010	0.0027	0.0004	0.0004	0.0001	0.0009	0.0099
78	2035	ALT3	EB	AM	Ramp	0.10	0.15	1.31	0.19	812	539	0.0080	0.0074	0.0034	0.0002	0.0022	0.0056	0.0007	0.0006	0.0001	0.0011	0.0250
79	2035	ALT3	EB	AM	Ramp	0.11	0.16	1.52	0.21	886	586	0.0083	0.0077	0.0035	0.0002	0.0020	0.0052	0.0007	0.0006	0.0001	0.0011	0.0210
80	2035	ALT3	EB	AM	Ramp	0.18	0.27	3.02	0.39	1620	1072	0.0143	0.0132	0.0060	0.0003	0.0032	0.0084	0.0013	0.0011	0.0002	0.0020	0.0322
81	2035	ALT3	EB	AM	Ramp	0.11	0.15	2.94	0.39	1177	789	0.0089	0.0083	0.0034	0.0002	0.0016	0.0045	0.0007	0.0005	0.0001	0.0028	0.0155
82	2035	ALT3	EB	AM	Ramp	0.16	0.24	3.17	0.38	1541	1016	0.0125	0.0116	0.0053	0.0003	0.0022	0.0063	0.0011	0.0009	0.0001	0.0017	0.0202
83	2035	ALT3	EB	AM	Ramp	0.02	0.03	0.61	0.10	251	173	0.0023	0.0021	0.0007	0.0000	0.0005	0.0013	0.0001	0.0001	0.0000	0.0011	0.0060
84	2035	ALT3	EB	AM	Ramp	0.04	0.06	1.29	0.15	478	316	0.0031	0.0029	0.0013	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0007	0.0036
85	2035	ALT3	EB	AM	Ramp	0.10	0.14	2.68	0.49	1095	763	0.0103	0.0095	0.0031	0.0001	0.0025	0.0061	0.0006	0.0004	0.0001	0.0058	0.0293
86	2035	ALT3	EB	AM	Ramp	0.10	0.14	2.41	0.42	1080	744	0.0100	0.0093	0.0032	0.0001	0.0023	0.0057	0.0007	0.0005	0.0001	0.0045	0.0261
87	2035	ALT3	EB	AM	Ramp	0.03	0.05	0.66	0.10	306	207	0.0026	0.0024	0.0010	0.0000	0.0007	0.0016	0.0002	0.0002	0.0000	0.0008	0.0071
88	2035	ALT3	EB	AM	Ramp	0.06	0.09	1.54	0.23	670	453	0.0056	0.0052	0.0020	0.0001	0.0011	0.0029	0.0004	0.0003	0.0001	0.0020	0.0114
89	2035	ALT3	EB	AM	Ramp	0.02	0.03	0.38	0.05	177	119	0.0015	0.0014	0.0006	0.0000	0.0003	0.0009	0.0001	0.0001	0.0000	0.0004	0.0037
90	2035	ALT3	EB	AM	Ramp	0.03	0.04	0.42	0.13	234	173	0.0030	0.0028	0.0008	0.0000	0.0012	0.0026	0.0001	0.0001	0.0000	0.0020	0.0157
91	2035	ALT3	EB	AM	Ramp	0.11	0.16	2.29	0.37	1069	727	0.0095	0.0088	0.0035	0.0002	0.0025	0.0061	0.0007	0.0005	0.0001	0.0033	0.0278
92	2035	ALT3	EB	AM	Ramp	0.05	0.07	0.79	0.17	407	286	0.0043	0.0040	0.0015	0.0001	0.0018	0.0040	0.0003	0.0002	0.0000	0.0021	0.0221
93	2035	ALT3	EB	AM	Ramp	0.46	0.63	12.83	2.40	5169	3623	0.0503	0.0465	0.0142	0.0006	0.0124	0.0292	0.0028	0.0018	0.0004	0.0301	0.1446
94	2035	ALT3	EB	AM	Ramp	0.33	0.48	7.47	1.12	3374	2279	0.0288	0.0266	0.0107	0.0005	0.0064	0.0165	0.0022	0.0017	0.0003	0.0093	0.0682
95	2035	ALT3	EB	AM	Ramp	0.17	0.24	2.29	0.39	1285	869	0.0124	0.0115	0.0052	0.0002	0.0048	0.0113	0.0010	0.0008	0.0001	0.0031	0.0576
96	2035	ALT3	EB	AM	Ramp	0.02	0.03	0.78	0.10	276	185	0.0019	0.0018	0.0007	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0008	0.0033
97	2035	ALT3	EB	AM	Ramp	0.04	0.05	0.97	0.20	422	298	0.0043	0.0040	0.0012	0.0001	0.0012	0.0027	0.0002	0.0002	0.0000	0.0026	0.0137
98	2035	ALT3	EB	AM	Ramp	0.02	0.03	0.57	0.13	255	184	0.0029	0.0027	0.0007	0.0000	0.0008	0.0018	0.0001	0.0001	0.0000	0.0020	0.0101
99	2035	ALT3	EB	AM	Ramp	0.07	0.09	1.83	0.32	735	509	0.0067	0.0062	0.0020	0.0001	0.0016	0.0038	0.0004	0.0003	0.0001	0.0036	0.0180
100	2035	ALT3	EB	AM	Ramp	0.09	0.13	2.69	0.38	1032	697	0.0079	0.0073	0.0029	0.0001	0.0016	0.0041	0.0006	0.0004	0.0001	0.0030	0.0156
101	2035	ALT3	EB	AM	Ramp	0.03	0.04	0.90	0.17	355	248	0.0035	0.0032	0.0010	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0021	0.0094
102	2035	ALT3	EB	AM	Ramp	0.04	0.06	1.32	0.17	485	324	0.0034	0.0031	0.0013	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0011	0.0055
103	2035	ALT3	EB	AM	Ramp	0.01	0.02	0.49	0.07	175	118	0.0013	0.0012	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0005	0.0023
104	2035	ALT3	EB	AM	Ramp	0.08	0.12	1.88	0.22	827	546	0.0062	0.0058	0.0026	0.0001	0.0010	0.0029	0.0006	0.0005	0.0001	0.0011	0.0081
105	2035	ALT3	EB	AM	Ramp	0.03	0.04	0.89	0.11	344	230	0.0025	0.0023	0.0010	0.0000	0.0004	0.0012	0.0002	0.0002	0.0000	0.0007	0.0040
106	2035	ALT3	EB	AM	Ramp	0.02	0.04	0.33	0.04	206	135	0.0020	0.0018	0.0008	0.0000	0.0003	0.0010	0.0002	0.0002	0.0000	0.0002	0.0032
107	2035	ALT3	EB	AM	Ramp	0.05	0.07	1.33	0.21	567	387	0.0049	0.0046	0.0017	0.0001	0.0011	0.0027	0.0003	0.0003	0.0000	0.0020	0.0115
108	2035	ALT3	EB	AM	Ramp	0.09	0.14	1.99	0.23	938	617	0.0073	0.0068	0.0031	0.0002	0.0012	0.0035	0.0007	0.0006	0.0001	0.0010	0.0099
109	2035	ALT3	EB	AM	Ramp	0.05	0.07	1.40	0.20	555	376	0.0044	0.0041	0.0016	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0017	0.0092
110	2035	ALT3	EB	AM	Ramp	0.09	0.13	2.20	0.27	959	635	0.0073	0.0068	0.0030	0.0002	0.0012	0.0035	0.0007	0.0005	0.0001	0.0014	0.0103
111	2035	ALT3	EB	AM	Ramp	0.03	0.04	0.97	0.13	353	237	0.0025	0.0023	0.0010	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0008	0.0041
112	2035	ALT3	EB	AM	Ramp	0.10	0.15	2.34	0.30	1055	702	0.0084	0.0078	0.0034	0.0002	0.0016	0.0044	0.0007	0.0006	0.0001	0.0019	0.0153
113	2035	ALT3	EB	AM	Ramp	0.09	0.12	1.91	0.24	866	575	0.0069	0.0063	0.0028	0.0001	0.0013	0.0035	0.0006	0.0005	0.0001	0.0014	0.0120
114	2035	ALT3	EB	AM	Ramp	0.07	0.10	1.54	0.18	702	463	0.0054	0.0050	0.0023	0.0001	0.0009	0.0026	0.0005	0.0004	0.0001	0.0008	0.0075
115	2035	ALT3	EB	AM	Ramp																	
116	2035	ALT3	EB	AM	Ramp	0.02	0.04	0.62	0.07	265	174	0.0019	0.0018	0.0008	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0002	0.0017
117	2035	ALT3	EB	AM	Ramp	0.04	0.05	1.01	0.14	421	282	0.0033	0.0030	0.0012	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0010	0.0055
118	2035	ALT3	EB	AM	Ramp	0.03	0.04	0.69	0.08	291	192	0.0021	0.0020	0.0009	0.0000	0.0003	0.0009	0.0002	0.0002	0.0000	0.0004	0.0024
119	2035	ALT3	EB	AM	Ramp	0.06	0.09	1.75	0.21	713	473	0.0052	0.0048	0.0021	0.0001	0.0008	0.0023	0.0005	0.0004	0.0001	0.0011	0.0062
120	2035	ALT3	EB	AM	Ramp	0.02	0.04	0.62	0.07	262	173	0.0019	0.0018	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0023

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
121	2035	ALT3	EB	AM	Ramp	0.08	0.11	2.62	0.35	939	632	0.0068	0.0063	0.0025	0.0001	0.0013	0.0034	0.0005	0.0004	0.0001	0.0028	0.0123
122	2035	ALT3	EB	AM	Ramp	0.67	0.95	18.90	2.80	7542	5120	0.0610	0.0564	0.0215	0.0010	0.0127	0.0328	0.0045	0.0032	0.0006	0.0246	0.1326
123	2035	ALT3	EB	AM	Ramp	0.44	0.61	13.05	1.89	5009	3396	0.0393	0.0364	0.0140	0.0007	0.0080	0.0209	0.0030	0.0020	0.0004	0.0163	0.0827
124	2035	ALT3	EB	AM	Ramp																	
125	2035	ALT3	EB	AM	Ramp	0.15	0.22	2.21	0.33	1241	830	0.0116	0.0108	0.0049	0.0002	0.0036	0.0089	0.0010	0.0008	0.0001	0.0022	0.0413
126	2035	ALT3	EB	AM	Ramp	0.02	0.02	0.35	0.05	162	110	0.0014	0.0013	0.0005	0.0000	0.0003	0.0009	0.0001	0.0001	0.0000	0.0004	0.0038
127	2035	ALT3	EB	AM	Ramp	0.23	0.35	2.85	0.39	1855	1223	0.0187	0.0173	0.0077	0.0004	0.0042	0.0111	0.0016	0.0015	0.0002	0.0018	0.0446
128	2035	ALT3	EB	AM	Ramp	0.00	0.01	0.09	0.01	39	26	0.0003	0.0003	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0004
129	2035	ALT3	EB	AM	Ramp	0.28	0.42	3.62	0.54	2209	1470	0.0218	0.0202	0.0092	0.0004	0.0066	0.0163	0.0019	0.0016	0.0002	0.0033	0.0750
130	2035	ALT3	EB	AM	Ramp	0.02	0.03	0.72	0.10	268	181	0.0020	0.0019	0.0007	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0008	0.0039
131	2035	ALT3	EB	AM	Ramp	0.30	0.44	4.82	0.65	2608	1730	0.0233	0.0216	0.0099	0.0005	0.0057	0.0149	0.0021	0.0017	0.0003	0.0036	0.0606
132	2035	ALT3	EB	AM	Ramp	0.02	0.02	0.49	0.07	184	125	0.0014	0.0013	0.0005	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0006	0.0030
133	2035	ALT3	EB	AM	Ramp	0.22	0.33	4.14	0.52	2084	1377	0.0175	0.0162	0.0074	0.0004	0.0035	0.0096	0.0016	0.0013	0.0002	0.0026	0.0338
134	2035	ALT3	EB	AM	Ramp	0.21	0.29	6.52	0.89	2435	1641	0.0181	0.0167	0.0068	0.0003	0.0035	0.0093	0.0014	0.0010	0.0002	0.0069	0.0343
135	2035	ALT3	EB	AM	Ramp	0.21	0.31	3.41	0.50	1799	1204	0.0163	0.0151	0.0068	0.0003	0.0048	0.0117	0.0014	0.0011	0.0002	0.0035	0.0532
136	2035	ALT3	EB	AM	Ramp	0.01	0.01	0.17	0.02	74	50	0.0006	0.0006	0.0002	0.0000	0.0001	0.0003	0.0000	0.0000	0.0000	0.0002	0.0013
137	2035	ALT3	EB	AM	Ramp	0.76	1.00	16.01	4.42	7718	5668	0.0972	0.0896	0.0221	0.0008	0.0297	0.0651	0.0040	0.0025	0.0006	0.0698	0.3725
138	2035	ALT3	EB	AM	Ramp																	
139	2035	ALT3	EB	AM	Ramp	0.03	0.05	0.73	0.10	328	218	0.0026	0.0024	0.0010	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0006	0.0048
140	2035	ALT3	EB	AM	Ramp	0.15	0.23	2.53	0.34	1348	895	0.0120	0.0111	0.0050	0.0002	0.0029	0.0076	0.0011	0.0009	0.0001	0.0019	0.0308
141	2035	ALT3	EB	AM	Ramp	0.01	0.01	0.31	0.04	112	74	0.0007	0.0007	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0002	0.0009
142	2035	ALT3	EB	AM	Ramp	0.04	0.06	1.22	0.15	459	305	0.0031	0.0029	0.0013	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0008	0.0040
143	2035	ALT3	EB	AM	Ramp	0.03	0.04	0.94	0.11	336	222	0.0021	0.0020	0.0009	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0005	0.0024
144	2035	ALT3	EB	AM	HOT	0.75	0.97	18.83	2.20	7256	4718	0.0310	0.0287	0.0239	0.0013	0.0047	0.0184	0.0055	0.0025	0.0004	0.0030	0.0055
145	2035	ALT3	EB	AM	HOT	0.75	0.97	18.83	2.20	7256	4718	0.0310	0.0287	0.0239	0.0013	0.0047	0.0184	0.0055	0.0025	0.0004	0.0030	0.0055
146	2035	ALT3	EB	AM	HOT	0.75	0.97	18.83	2.20	7256	4718	0.0310	0.0287	0.0239	0.0013	0.0047	0.0184	0.0055	0.0025	0.0004	0.0030	0.0055
147	2035	ALT3	EB	AM	HOT	0.75	0.97	18.83	2.20	7256	4718	0.0310	0.0287	0.0239	0.0013	0.0047	0.0184	0.0055	0.0025	0.0004	0.0030	0.0055
148	2035	ALT3	EB	AM	HOT	0.75	0.97	18.83	2.20	7256	4718	0.0310	0.0287	0.0239	0.0013	0.0047	0.0184	0.0055	0.0025	0.0004	0.0030	0.0055
149	2035	ALT3	EB	AM	HOT	0.75	0.97	18.83	2.20	7256	4718	0.0310	0.0287	0.0239	0.0013	0.0047	0.0184	0.0055	0.0025	0.0004	0.0030	0.0055
150	2035	ALT3	EB	AM	HOT	0.87	1.13	22.38	2.61	8528	5544	0.0364	0.0338	0.0278	0.0015	0.0055	0.0213	0.0064	0.0029	0.0004	0.0035	0.0065
151	2035	ALT3	EB	AM	HOT	0.87	1.13	22.38	2.61	8528	5544	0.0364	0.0338	0.0278	0.0015	0.0055	0.0213	0.0064	0.0029	0.0004	0.0035	0.0065
152	2035	ALT3	EB	AM	HOT	0.87	1.13	22.38	2.61	8528	5544	0.0364	0.0338	0.0278	0.0015	0.0055	0.0213	0.0064	0.0029	0.0004	0.0035	0.0065
153	2035	ALT3	EB	AM	HOT	0.60	0.78	14.65	1.70	5727	3723	0.0245	0.0227	0.0193	0.0010	0.0038	0.0148	0.0044	0.0019	0.0003	0.0023	0.0042
154	2035	ALT3	EB	AM	HOT	0.60	0.78	14.65	1.70	5727	3723	0.0245	0.0227	0.0193	0.0010	0.0038	0.0148	0.0044	0.0019	0.0003	0.0023	0.0042
155	2035	ALT3	EB	AM	HOT	0.60	0.78	14.65	1.70	5727	3723	0.0245	0.0227	0.0193	0.0010	0.0038	0.0148	0.0044	0.0019	0.0003	0.0023	0.0042
156	2035	ALT3	EB	AM	HOT	0.60	0.78	14.65	1.70	5727	3723	0.0245	0.0227	0.0193	0.0010	0.0038	0.0148	0.0044	0.0019	0.0003	0.0023	0.0042
157	2035	ALT3	EB	AM	HOT	0.60	0.78	14.65	1.70	5727	3723	0.0245	0.0227	0.0193	0.0010	0.0038	0.0148	0.0044	0.0019	0.0003	0.0023	0.0042
158	2035	ALT3	EB	AM	HOT	0.60	0.78	14.65	1.70	5727	3723	0.0245	0.0227	0.0193	0.0010	0.0038	0.0148	0.0044	0.0019	0.0003	0.0023	0.0042
159	2035	ALT3	EB	AM	HOT	0.60	0.78	14.65	1.70	5727	3723	0.0245	0.0227	0.0193	0.0010	0.0038	0.0148	0.0044	0.0019	0.0003	0.0023	0.0042
160	2035	ALT3	EB	AM	HOT	0.60	0.78	14.65	1.70	5727	3723	0.0245	0.0227	0.0193	0.0010	0.0038	0.0148	0.0044	0.0019	0.0003	0.0023	0.0042
161	2035	ALT3	EB	AM	HOT	0.07	0.09	1.71	0.20	675	439	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
162	2035	ALT3	EB	AM	HOT	0.07	0.09	1.71	0.20	675	439	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
163	2035	ALT3	EB	AM	HOT	0.07	0.09	1.71	0.20	675	439	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
164	2035	ALT3	EB	AM	HOT	0.07	0.09	1.71	0.20	675	439	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
165	2035	ALT3	EB	AM	HOT	0.07	0.09	1.71	0.20	675	439	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
166	2035	ALT3	EB	AM	HOT	0.07	0.09	1.71	0.20	675	439	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
167	2035	ALT3	EB	AM	HOT	0.07	0.09	1.71	0.20	675	439	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
168	2035	ALT3	EB	AM	HOT	0.07	0.09	1.71	0.20	675	439	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
169	2035	ALT3	EB	AM	HOT	0.07	0.09	1.71	0.20	675	439	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
170	2035	ALT3	EB	AM	HOT	0.07	0.09	1.71	0.20	675	439	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
171	2035	ALT3	EB	AM	HOT	0.02	0.02	0.41	0.05	164	106	0.0007	0.0006	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
172	2035	ALT3	EB	AM	HOT	0.02	0.02	0.41	0.05	164	106	0.0007	0.0006	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
173	2035	ALT3	EB	AM	HOT	0.02	0.02	0.41	0.05	164	106	0.0007	0.0006	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
174	2035	ALT3	EB	AM	HOT	0.02	0.02	0.41	0.05	164	106	0.0007	0.0006	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
175	2035	ALT3	EB	AM	HOT	0.02	0.02	0.41	0.05	164	106	0.0007	0.0006	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
176	2035	ALT3	EB	AM	HOT	0.02	0.02	0.41	0.05	164	106	0.0007	0.0006	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
177	2035	ALT3	EB	AM	HOT	0.02	0.02	0.41	0.05	164	106	0.0007	0.0006	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
178	2035	ALT3	EB	AM	HOT	0.02	0.02	0.41	0.05	164	106	0.0007	0.0006	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
179	2035	ALT3	EB	AM	HOT	0.07	0.09	1.63	0.19	645	419	0.0028	0.0026	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
180	2035	ALT3	EB	AM	HOT	0.07	0.09	1.63	0.19	645	419	0.0028	0.0026	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
181	2035	ALT3	EB	AM	HOT	0.07	0.09	1.54	0.18	611	397	0.0026	0.0024	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
182	2035	ALT3	EB	AM	HOT	0.07	0.09	1.54	0.18	611	397	0.0026	0.0024	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
183	2035	ALT3	EB	AM	HOT	0.07	0.09	1.54	0.18	611	397	0.0026	0.0024	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
184	2035	ALT3	EB	AM	HOT	0.07	0.09	1.54	0.18	611	397	0.0026	0.0024	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
185	2035	ALT3	EB	AM	HOT	0.07	0.09	1.54	0.18	611	397	0.0026	0.0024	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
186	2035	ALT3	EB	AM	HOT	0.07	0.09	1.54	0.18	611	397	0.0026	0.0024	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
187	2035	ALT3	EB	AM	HOT	0.07	0.09	1.54	0.18	611	397	0.0026	0.0024	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
188	2035	ALT3	EB	AM	HOT	0.07	0.09	1.54	0.18	611	397	0.0026	0.0024	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
189	2035	ALT3	EB	AM	HOT	0.07	0.09	1.54	0.18	611	397	0.0026	0.0024	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
190	2035	ALT3	EB	AM	HOT	0.07	0.09	1.54	0.18	611	397	0.0026	0.0024	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
191	2035	ALT3	EB	AM	HOT	0.16	0.21	3.78	0.44	1493	971	0.0064	0.0059	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0011
192	2035	ALT3	EB	AM	HOT	0.16	0.21	3.78	0.44	1493	971	0.0064	0.0059	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0011
193	2035	ALT3	EB	AM	HOT	0.16	0.21	3.78	0.44	1493	971	0.0064	0.0059	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0011
194	2035	ALT3	EB	AM	HOT	0.16	0.21	3.78	0.44	1493	971	0.0064	0.0059	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0011
195	2035	ALT3	EB	AM	HOT	0.16	0.21	3.78	0.44	1493	971	0.0064	0.0059	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0011
196	2035	ALT3	EB	AM	HOT	0.16	0.21	3.78	0.44	1493	971	0.0064	0.0059	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0011
197	2035	ALT3	EB	AM	HOT	0.16	0.21	3.78	0.44	1493	971	0.0064	0.0059	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0011
198	2035	ALT3	EB	AM	HOT	0.16	0.21	3.78	0.44	1493	971	0.0064	0.0059	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0011
199	2035	ALT3	EB	AM	HOT	0.03	0.03	0.63	0.07	247	161	0.0011	0.0010	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
200	2035	ALT3	EB	AM	HOT	0.03	0.03	0.63	0.07	247	161	0.0011	0.0010	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
201	2035	ALT3	EB	AM	HOT	0.03	0.03	0.63	0.07	247	161	0.0011	0.0010	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
202	2035	ALT3	EB	AM	HOT	0.03	0.03	0.63	0.07	247	161	0.0011	0.0010	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
203	2035	ALT3	EB	AM	HOT	0.03	0.03	0.63	0.07	247	161	0.0011	0.0010	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
204	2035	ALT3	EB	AM	HOT	0.02	0.03	0.51	0.06	200	130	0.0009	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0001
205	2035	ALT3	EB	AM	HOT	0.02	0.03	0.51	0.06	200	130	0.0009	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0001
206	2035	ALT3	EB	AM	HOT	0.02	0.03	0.51	0.06	200	130	0.0009	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0001
207	2035	ALT3	EB	AM	HOT	0.02	0.03	0.51	0.06	200	130	0.0009	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0001
208	2035	ALT3	EB	AM	HOT	0.02	0.03	0.51	0.06	200	130	0.0009	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0001
209	2035	ALT3	EB	AM	HOT	0.02	0.03	0.51	0.06	200	130	0.0009	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0001
210	2035	ALT3	EB	AM	HOT	0.01	0.02	0.31	0.04	124	80	0.0005	0.0005	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
211	2035	ALT3	EB	AM	HOT	0.01	0.02	0.31	0.04	124	80	0.0005	0.0005	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
212	2035	ALT3	EB	AM	HOT	0.01	0.02	0.31	0.04	124	80	0.0005	0.0005	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
213	2035	ALT3	EB	AM	HOT	0.01	0.02	0.31	0.04	124	80	0.0005	0.0005	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
214	2035	ALT3	EB	AM	HOV																	
215	2035	ALT3	EB	AM	HOV																	
1	2035	ALT3	EB	MD	Mainline	0.97	1.24	22.90	5.80	10671	7722	0.1816	0.1673	0.0290	0.0013	0.0248	0.0585	0.0059	0.0028	0.0010	0.1524	0.2810

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
2	2035	ALT3	EB	MD	Mainline	2.48	3.14	56.08	14.84	26866	19527	0.4876	0.4492	0.0737	0.0032	0.0637	0.1497	0.0150	0.0069	0.0027	0.4155	0.7218
3	2035	ALT3	EB	MD	Mainline	0.12	0.15	2.62	0.68	1264	914	0.0229	0.0211	0.0036	0.0002	0.0028	0.0068	0.0007	0.0003	0.0001	0.0195	0.0314
4	2035	ALT3	EB	MD	Mainline	2.06	2.62	46.11	12.48	22351	16287	0.4173	0.3844	0.0614	0.0027	0.0537	0.1259	0.0125	0.0057	0.0023	0.3580	0.6107
5	2035	ALT3	EB	MD	Mainline	0.85	1.07	18.67	4.84	8987	6495	0.1628	0.1499	0.0253	0.0011	0.0201	0.0481	0.0052	0.0023	0.0009	0.1381	0.2223
6	2035	ALT3	EB	MD	Mainline	1.25	1.59	27.75	7.52	13512	9841	0.2546	0.2345	0.0373	0.0016	0.0322	0.0756	0.0076	0.0034	0.0014	0.2186	0.3641
7	2035	ALT3	EB	MD	Mainline	1.83	2.33	42.92	11.03	20107	14583	0.3473	0.3199	0.0544	0.0024	0.0476	0.1117	0.0111	0.0052	0.0019	0.2928	0.5421
8	2035	ALT3	EB	MD	Mainline	2.32	2.94	51.42	14.16	25123	18350	0.4785	0.4407	0.0688	0.0030	0.0613	0.1431	0.0140	0.0064	0.0026	0.4125	0.6991
9	2035	ALT3	EB	MD	Mainline	1.93	2.45	44.36	11.69	21096	15340	0.3775	0.3477	0.0574	0.0025	0.0506	0.1183	0.0116	0.0054	0.0021	0.3209	0.5759
10	2035	ALT3	EB	MD	Mainline	0.59	0.75	12.96	3.64	6415	4695	0.1259	0.1159	0.0176	0.0008	0.0157	0.0368	0.0036	0.0016	0.0007	0.1092	0.1796
11	2035	ALT3	EB	MD	Mainline	1.23	1.56	28.28	7.40	13427	9751	0.2390	0.2201	0.0367	0.0016	0.0318	0.0747	0.0075	0.0035	0.0013	0.2028	0.3611
12	2035	ALT3	EB	MD	Mainline	0.85	1.08	18.82	5.08	9153	6661	0.1718	0.1582	0.0253	0.0011	0.0217	0.0510	0.0052	0.0023	0.0009	0.1474	0.2447
13	2035	ALT3	EB	MD	Mainline	0.83	1.05	17.62	4.44	8531	6128	0.1535	0.1414	0.0249	0.0011	0.0181	0.0440	0.0052	0.0023	0.0009	0.1294	0.1937
14	2035	ALT3	EB	MD	Mainline	1.25	1.58	26.97	6.75	12965	9309	0.2297	0.2116	0.0376	0.0017	0.0275	0.0668	0.0079	0.0035	0.0013	0.1931	0.2954
15	2035	ALT3	EB	MD	Mainline	1.58	2.02	36.45	8.83	16937	12146	0.2804	0.2583	0.0476	0.0021	0.0363	0.0875	0.0099	0.0045	0.0016	0.2324	0.3967
16	2035	ALT3	EB	MD	Mainline	0.93	1.18	21.69	5.20	9988	7158	0.1622	0.1494	0.0279	0.0013	0.0214	0.0515	0.0058	0.0027	0.0009	0.1338	0.2346
17	2035	ALT3	EB	MD	Mainline	1.49	1.90	35.84	8.67	16353	11762	0.2634	0.2427	0.0446	0.0020	0.0365	0.0867	0.0092	0.0043	0.0015	0.2176	0.4083
18	2035	ALT3	EB	MD	Mainline	1.30	1.66	31.04	7.06	13986	9953	0.2129	0.1962	0.0393	0.0018	0.0285	0.0694	0.0082	0.0038	0.0012	0.1721	0.3062
19	2035	ALT3	EB	MD	Mainline	1.02	1.30	23.34	5.35	10719	7615	0.1679	0.1548	0.0309	0.0014	0.0212	0.0523	0.0065	0.0029	0.0010	0.1365	0.2232
20	2035	ALT3	EB	MD	Mainline	2.08	2.65	47.93	11.11	22007	15670	0.3475	0.3202	0.0629	0.0029	0.0444	0.1089	0.0132	0.0060	0.0020	0.2835	0.4732
21	2035	ALT3	EB	MD	Mainline	0.23	0.29	5.23	1.20	2416	1715	0.0381	0.0351	0.0070	0.0003	0.0047	0.0117	0.0015	0.0007	0.0002	0.0310	0.0494
22	2035	ALT3	EB	MD	Mainline	0.86	1.10	19.27	4.45	8955	6359	0.1429	0.1317	0.0262	0.0012	0.0175	0.0434	0.0055	0.0025	0.0008	0.1166	0.1822
23	2035	ALT3	EB	MD	Mainline	0.86	1.09	19.09	4.56	8964	6399	0.1490	0.1373	0.0259	0.0012	0.0182	0.0447	0.0055	0.0024	0.0008	0.1231	0.1936
24	2035	ALT3	EB	MD	Mainline	0.81	1.03	18.06	4.09	8365	5923	0.1309	0.1207	0.0247	0.0012	0.0160	0.0399	0.0052	0.0023	0.0008	0.1061	0.1641
25	2035	ALT3	EB	MD	Mainline	0.52	0.67	11.95	2.69	5465	3870	0.0837	0.0771	0.0159	0.0007	0.0105	0.0261	0.0034	0.0015	0.0005	0.0675	0.1091
26	2035	ALT3	EB	MD	Mainline	4.64	5.92	103.31	22.50	47372	33353	0.7081	0.6526	0.1418	0.0067	0.0862	0.2189	0.0303	0.0134	0.0042	0.5644	0.8641
27	2035	ALT3	EB	MD	Mainline	3.67	4.67	79.37	17.26	36797	25884	0.5574	0.5137	0.1122	0.0054	0.0662	0.1694	0.0241	0.0104	0.0033	0.4452	0.6547
28	2035	ALT3	EB	MD	Mainline	2.05	2.61	44.89	9.60	20620	14476	0.3042	0.2803	0.0627	0.0030	0.0366	0.0938	0.0135	0.0059	0.0018	0.2409	0.3596
29	2035	ALT3	EB	MD	Mainline	1.40	1.78	30.33	6.37	13922	9746	0.2016	0.1858	0.0428	0.0021	0.0241	0.0624	0.0092	0.0040	0.0012	0.1584	0.2325
30	2035	ALT3	EB	MD	Mainline	2.35	3.00	50.75	10.63	23343	16333	0.3380	0.3115	0.0722	0.0035	0.0401	0.1043	0.0156	0.0067	0.0020	0.2655	0.3856
31	2035	ALT3	EB	MD	Mainline	1.74	2.22	37.77	7.86	17296	12092	0.2474	0.2280	0.0534	0.0026	0.0296	0.0769	0.0115	0.0050	0.0015	0.1935	0.2835
32	2035	ALT3	EB	MD	Mainline	1.86	2.37	41.16	8.76	18819	13204	0.2745	0.2530	0.0570	0.0027	0.0332	0.0853	0.0123	0.0054	0.0016	0.2167	0.3268
33	2035	ALT3	EB	MD	Mainline	1.70	2.18	38.46	8.04	17368	12162	0.2454	0.2262	0.0522	0.0025	0.0302	0.0777	0.0112	0.0050	0.0015	0.1917	0.2960
34	2035	ALT3	EB	MD	Mainline	1.96	2.50	44.59	9.73	20273	14285	0.3001	0.2766	0.0597	0.0028	0.0372	0.0939	0.0127	0.0057	0.0018	0.2388	0.3773
35	2035	ALT3	EB	MD	Mainline	1.09	1.40	24.55	5.12	11109	7775	0.1569	0.1447	0.0336	0.0016	0.0192	0.0495	0.0072	0.0032	0.0010	0.1225	0.1873
36	2035	ALT3	EB	MD	Mainline	1.31	1.68	29.41	6.13	13309	9314	0.1880	0.1733	0.0402	0.0019	0.0230	0.0594	0.0087	0.0038	0.0011	0.1468	0.2244
37	2035	ALT3	EB	MD	Mainline	1.77	2.26	39.61	8.26	17925	12545	0.2532	0.2334	0.0542	0.0026	0.0310	0.0799	0.0117	0.0051	0.0015	0.1977	0.3022
38	2035	ALT3	EB	MD	Mainline	2.52	3.22	57.30	12.05	25837	18108	0.3663	0.3376	0.0772	0.0037	0.0453	0.1161	0.0166	0.0074	0.0022	0.2866	0.4473
39	2035	ALT3	EB	MD	Mainline	2.63	3.36	58.29	12.02	26440	18470	0.3706	0.3416	0.0808	0.0039	0.0449	0.1168	0.0175	0.0076	0.0023	0.2881	0.4321
40	2035	ALT3	EB	MD	Mainline	1.72	2.19	37.11	7.83	17097	11974	0.2497	0.2301	0.0527	0.0025	0.0297	0.0768	0.0114	0.0049	0.0015	0.1968	0.2865
41	2035	ALT3	EB	MD	Mainline	0.65	0.83	14.41	2.96	6534	4563	0.0913	0.0842	0.0200	0.0010	0.0111	0.0288	0.0043	0.0019	0.0006	0.0709	0.1060
42	2035	ALT3	EB	MD	Mainline	1.89	2.41	42.30	9.00	19232	13499	0.2786	0.2568	0.0577	0.0028	0.0341	0.0872	0.0124	0.0055	0.0017	0.2196	0.3378
43	2035	ALT3	EB	MD	Mainline	0.83	1.06	18.20	3.76	8284	5789	0.1169	0.1078	0.0254	0.0012	0.0141	0.0367	0.0055	0.0024	0.0007	0.0911	0.1354
44	2035	ALT3	EB	MD	Mainline	1.31	1.67	28.78	5.95	13100	9153	0.1849	0.1705	0.0402	0.0019	0.0223	0.0580	0.0087	0.0038	0.0011	0.1441	0.2141
45	2035	ALT3	EB	MD	Mainline	0.58	0.75	12.91	2.64	5850	4082	0.0813	0.0750	0.0179	0.0009	0.0099	0.0257	0.0039	0.0017	0.0005	0.0630	0.0941
46	2035	ALT3	EB	MD	Mainline	1.54	1.96	34.75	7.26	15676	10975	0.2209	0.2036	0.0471	0.0023	0.0272	0.0700	0.0101	0.0045	0.0013	0.1724	0.2668
47	2035	ALT3	EB	MD	Mainline	0.09	0.11	1.97	0.40	892	623	0.0124	0.0114	0.0027	0.0001	0.0015	0.0039	0.0006	0.0003	0.0001	0.0096	0.0143
48	2035	ALT3	EB	MD	Mainline	1.75	2.22	37.64	8.04	17396	12206	0.2583	0.2380	0.0534	0.0026	0.0306	0.0790	0.0115	0.0050	0.0015	0.2048	0.2988
49	2035	ALT3	EB	MD	Mainline	0.14	0.18	3.14	0.66	1436	1006	0.0207	0.0191	0.0044	0.0002	0.0025	0.0065	0.0009	0.0004	0.0001	0.0163	0.0244

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
50	2035	ALT3	EB	MD	Mainline	2.22	2.83	48.72	10.66	22494	15843	0.3409	0.3142	0.0678	0.0032	0.0410	0.1042	0.0145	0.0063	0.0020	0.2727	0.4098
51	2035	ALT3	EB	MD	Mainline	0.39	0.50	8.94	1.88	4010	2811	0.0565	0.0521	0.0119	0.0006	0.0071	0.0180	0.0026	0.0011	0.0003	0.0441	0.0700
52	2035	ALT3	EB	MD	Mainline	0.59	0.75	13.93	2.85	6140	4294	0.0829	0.0764	0.0180	0.0009	0.0106	0.0273	0.0039	0.0018	0.0005	0.0638	0.1057
53	2035	ALT3	EB	MD	Mainline	0.44	0.56	10.48	2.21	4627	3255	0.0646	0.0595	0.0133	0.0006	0.0085	0.0213	0.0028	0.0013	0.0004	0.0505	0.0873
54	2035	ALT3	EB	MD	Mainline	2.22	2.86	56.18	11.91	24324	17175	0.3341	0.3079	0.0676	0.0031	0.0469	0.1155	0.0142	0.0068	0.0020	0.2610	0.4987
55	2035	ALT3	EB	MD	Mainline	1.12	1.44	26.76	5.65	11842	8326	0.1655	0.1525	0.0342	0.0016	0.0216	0.0544	0.0073	0.0033	0.0010	0.1294	0.2210
56	2035	ALT3	EB	MD	Mainline	1.39	1.78	33.84	7.36	14943	10571	0.2142	0.1974	0.0421	0.0019	0.0291	0.0716	0.0089	0.0042	0.0013	0.1696	0.3076
57	2035	ALT3	EB	MD	Mainline	0.86	1.10	18.83	4.03	8661	6081	0.1280	0.1180	0.0264	0.0013	0.0154	0.0394	0.0057	0.0025	0.0008	0.1014	0.1509
58	2035	ALT3	EB	MD	Mainline	2.83	3.61	62.62	13.77	28857	20343	0.4380	0.4037	0.0864	0.0041	0.0530	0.1344	0.0185	0.0081	0.0026	0.3509	0.5340
59	2035	ALT3	EB	MD	Mainline	0.75	0.95	16.25	3.45	7466	5234	0.1092	0.1007	0.0228	0.0011	0.0131	0.0337	0.0049	0.0021	0.0007	0.0862	0.1276
60	2035	ALT3	EB	MD	Mainline	2.99	3.81	66.00	14.38	30352	21369	0.4558	0.4201	0.0912	0.0043	0.0552	0.1403	0.0195	0.0086	0.0027	0.3637	0.5517
61	2035	ALT3	EB	MD	Mainline	0.75	0.96	16.77	3.35	7524	5234	0.1008	0.0929	0.0231	0.0011	0.0123	0.0324	0.0050	0.0022	0.0006	0.0770	0.1161
62	2035	ALT3	EB	MD	Mainline	1.55	1.98	33.84	6.94	15411	10755	0.2159	0.1990	0.0476	0.0023	0.0259	0.0678	0.0103	0.0045	0.0013	0.1676	0.2468
63	2035	ALT3	EB	MD	Mainline	0.58	0.75	12.79	2.73	5874	4122	0.0864	0.0796	0.0179	0.0009	0.0104	0.0267	0.0039	0.0017	0.0005	0.0683	0.1016
64	2035	ALT3	EB	MD	Mainline	1.79	2.28	39.64	8.72	18259	12871	0.2769	0.2552	0.0546	0.0026	0.0336	0.0850	0.0117	0.0051	0.0016	0.2218	0.3379
65	2035	ALT3	EB	MD	Mainline	0.58	0.74	13.16	2.81	5971	4194	0.0866	0.0798	0.0178	0.0009	0.0107	0.0272	0.0038	0.0017	0.0005	0.0683	0.1061
66	2035	ALT3	EB	MD	Mainline	0.20	0.25	4.39	1.10	2091	1503	0.0366	0.0337	0.0060	0.0003	0.0045	0.0108	0.0012	0.0006	0.0002	0.0307	0.0486
67	2035	ALT3	EB	MD	Mainline	1.46	1.85	32.13	8.57	15598	11325	0.2903	0.2674	0.0435	0.0019	0.0362	0.0857	0.0089	0.0040	0.0016	0.2483	0.4057
68	2035	ALT3	EB	MD	Mainline	1.10	1.40	23.72	6.16	11536	8329	0.2127	0.1959	0.0331	0.0015	0.0255	0.0612	0.0069	0.0030	0.0012	0.1809	0.2782
69	2035	ALT3	EB	MD	Mainline	2.56	3.23	55.12	15.29	27293	19911	0.5339	0.4918	0.0760	0.0033	0.0650	0.1530	0.0155	0.0069	0.0029	0.4619	0.7329
70	2035	ALT3	EB	MD	Mainline	1.66	2.09	33.92	9.17	16999	12322	0.3358	0.3093	0.0497	0.0022	0.0382	0.0918	0.0103	0.0044	0.0018	0.2896	0.4164
71	2035	ALT3	EB	MD	Mainline	1.86	2.33	36.55	11.90	19646	14627	0.4683	0.4312	0.0547	0.0023	0.0521	0.1202	0.0110	0.0047	0.0024	0.4209	0.6034
72	2035	ALT3	EB	MD	Mainline	1.91	2.39	37.61	11.28	19680	14469	0.4377	0.4031	0.0566	0.0025	0.0482	0.1134	0.0116	0.0049	0.0023	0.3873	0.5414
73	2035	ALT3	EB	MD	Ramp	0.08	0.12	2.01	0.25	871	578	0.0067	0.0062	0.0027	0.0001	0.0011	0.0031	0.0006	0.0005	0.0001	0.0014	0.0095
74	2035	ALT3	EB	MD	Ramp	0.08	0.11	1.38	0.23	683	466	0.0063	0.0059	0.0024	0.0001	0.0020	0.0048	0.0005	0.0004	0.0001	0.0022	0.0238
75	2035	ALT3	EB	MD	Ramp	0.11	0.16	1.96	0.29	980	659	0.0086	0.0080	0.0035	0.0002	0.0024	0.0060	0.0007	0.0006	0.0001	0.0022	0.0270
76	2035	ALT3	EB	MD	Ramp	0.17	0.25	2.89	0.42	1512	1011	0.0135	0.0125	0.0056	0.0003	0.0038	0.0095	0.0012	0.0009	0.0001	0.0028	0.0420
77	2035	ALT3	EB	MD	Ramp	0.13	0.19	2.47	0.34	1217	812	0.0104	0.0096	0.0043	0.0002	0.0025	0.0064	0.0009	0.0007	0.0001	0.0022	0.0263
78	2035	ALT3	EB	MD	Ramp	0.15	0.22	2.12	0.35	1181	797	0.0113	0.0105	0.0048	0.0002	0.0042	0.0099	0.0009	0.0008	0.0001	0.0028	0.0501
79	2035	ALT3	EB	MD	Ramp	0.22	0.33	3.06	0.45	1791	1192	0.0172	0.0159	0.0072	0.0003	0.0050	0.0125	0.0015	0.0013	0.0002	0.0027	0.0564
80	2035	ALT3	EB	MD	Ramp	0.25	0.36	4.45	0.67	2220	1493	0.0196	0.0182	0.0079	0.0004	0.0056	0.0138	0.0016	0.0013	0.0002	0.0050	0.0623
81	2035	ALT3	EB	MD	Ramp	0.22	0.31	5.91	0.88	2427	1645	0.0199	0.0184	0.0071	0.0003	0.0041	0.0106	0.0015	0.0011	0.0002	0.0077	0.0424
82	2035	ALT3	EB	MD	Ramp	0.20	0.28	4.20	0.59	1937	1298	0.0161	0.0149	0.0063	0.0003	0.0036	0.0093	0.0013	0.0011	0.0002	0.0042	0.0370
83	2035	ALT3	EB	MD	Ramp	0.05	0.07	1.30	0.25	551	385	0.0054	0.0050	0.0016	0.0001	0.0014	0.0032	0.0003	0.0002	0.0000	0.0030	0.0160
84	2035	ALT3	EB	MD	Ramp	0.07	0.09	2.03	0.27	766	514	0.0056	0.0052	0.0021	0.0001	0.0010	0.0028	0.0005	0.0003	0.0001	0.0019	0.0099
85	2035	ALT3	EB	MD	Ramp	0.17	0.22	3.92	0.98	1762	1283	0.0214	0.0197	0.0049	0.0002	0.0060	0.0134	0.0009	0.0005	0.0001	0.0154	0.0747
86	2035	ALT3	EB	MD	Ramp	0.23	0.33	5.18	0.98	2400	1667	0.0236	0.0218	0.0073	0.0003	0.0058	0.0140	0.0015	0.0011	0.0002	0.0114	0.0668
87	2035	ALT3	EB	MD	Ramp	0.08	0.11	1.49	0.27	728	501	0.0069	0.0064	0.0025	0.0001	0.0022	0.0052	0.0005	0.0004	0.0001	0.0028	0.0262
88	2035	ALT3	EB	MD	Ramp	0.09	0.12	2.08	0.41	916	641	0.0091	0.0084	0.0027	0.0001	0.0024	0.0055	0.0005	0.0004	0.0001	0.0049	0.0275
89	2035	ALT3	EB	MD	Ramp	0.04	0.05	0.71	0.12	341	234	0.0032	0.0029	0.0011	0.0000	0.0009	0.0022	0.0002	0.0002	0.0000	0.0012	0.0109
90	2035	ALT3	EB	MD	Ramp	0.11	0.15	1.81	0.41	929	656	0.0100	0.0092	0.0033	0.0001	0.0039	0.0088	0.0006	0.0004	0.0001	0.0051	0.0490
91	2035	ALT3	EB	MD	Ramp	0.15	0.22	3.49	0.68	1598	1114	0.0158	0.0146	0.0048	0.0002	0.0040	0.0095	0.0010	0.0007	0.0001	0.0080	0.0464
92	2035	ALT3	EB	MD	Ramp	0.20	0.27	2.71	0.53	1475	1015	0.0148	0.0136	0.0059	0.0002	0.0066	0.0149	0.0011	0.0009	0.0001	0.0051	0.0809
93	2035	ALT3	EB	MD	Ramp	1.13	1.51	29.43	6.05	12318	8738	0.1287	0.1188	0.0340	0.0014	0.0338	0.0777	0.0067	0.0042	0.0009	0.0819	0.4037
94	2035	ALT3	EB	MD	Ramp	0.55	0.78	12.79	2.30	5768	3985	0.0546	0.0505	0.0174	0.0008	0.0130	0.0317	0.0035	0.0026	0.0005	0.0254	0.1471
95	2035	ALT3	EB	MD	Ramp	0.30	0.42	4.17	0.80	2278	1564	0.0227	0.0210	0.0092	0.0004	0.0101	0.0228	0.0018	0.0013	0.0002	0.0077	0.1235
96	2035	ALT3	EB	MD	Ramp	0.10	0.14	3.34	0.50	1220	832	0.0098	0.0090	0.0033	0.0002	0.0020	0.0051	0.0007	0.0004	0.0001	0.0049	0.0209
97	2035	ALT3	EB	MD	Ramp	0.07	0.09	1.33	0.43	679	509	0.0094	0.0087	0.0019	0.0001	0.0030	0.0064	0.0003	0.0002	0.0001	0.0073	0.0382

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
98	2035	ALT3	EB	MD	Ramp	0.07	0.09	1.72	0.37	744	531	0.0080	0.0074	0.0021	0.0001	0.0022	0.0050	0.0004	0.0003	0.0001	0.0052	0.0264
99	2035	ALT3	EB	MD	Ramp	0.14	0.19	3.63	0.72	1525	1076	0.0155	0.0143	0.0043	0.0002	0.0040	0.0094	0.0008	0.0005	0.0001	0.0094	0.0478
100	2035	ALT3	EB	MD	Ramp	0.15	0.21	4.24	0.72	1699	1173	0.0151	0.0140	0.0048	0.0002	0.0035	0.0086	0.0010	0.0007	0.0001	0.0078	0.0397
101	2035	ALT3	EB	MD	Ramp	0.08	0.10	2.11	0.41	851	602	0.0088	0.0081	0.0023	0.0001	0.0022	0.0050	0.0005	0.0003	0.0001	0.0057	0.0254
102	2035	ALT3	EB	MD	Ramp	0.06	0.08	1.61	0.26	627	431	0.0054	0.0050	0.0017	0.0001	0.0012	0.0030	0.0004	0.0002	0.0000	0.0027	0.0134
103	2035	ALT3	EB	MD	Ramp	0.03	0.04	1.04	0.15	380	258	0.0030	0.0027	0.0010	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0014	0.0062
104	2035	ALT3	EB	MD	Ramp	0.10	0.15	2.41	0.34	1071	719	0.0088	0.0081	0.0034	0.0002	0.0018	0.0047	0.0007	0.0006	0.0001	0.0025	0.0177
105	2035	ALT3	EB	MD	Ramp	0.06	0.09	1.83	0.26	721	487	0.0056	0.0052	0.0021	0.0001	0.0011	0.0029	0.0004	0.0003	0.0001	0.0021	0.0111
106	2035	ALT3	EB	MD	Ramp	0.02	0.04	0.43	0.06	219	145	0.0019	0.0017	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0003	0.0042
107	2035	ALT3	EB	MD	Ramp	0.13	0.19	3.16	0.53	1399	959	0.0126	0.0117	0.0042	0.0002	0.0028	0.0070	0.0009	0.0006	0.0001	0.0053	0.0309
108	2035	ALT3	EB	MD	Ramp	0.13	0.20	2.92	0.37	1342	891	0.0107	0.0099	0.0044	0.0002	0.0021	0.0057	0.0009	0.0008	0.0001	0.0022	0.0199
109	2035	ALT3	EB	MD	Ramp	0.10	0.14	2.76	0.43	1118	764	0.0095	0.0087	0.0032	0.0001	0.0021	0.0052	0.0007	0.0005	0.0001	0.0042	0.0225
110	2035	ALT3	EB	MD	Ramp	0.13	0.18	2.91	0.43	1300	878	0.0110	0.0102	0.0040	0.0002	0.0023	0.0061	0.0009	0.0007	0.0001	0.0036	0.0245
111	2035	ALT3	EB	MD	Ramp	0.05	0.07	1.46	0.22	550	376	0.0045	0.0042	0.0015	0.0001	0.0010	0.0024	0.0003	0.0002	0.0000	0.0022	0.0103
112	2035	ALT3	EB	MD	Ramp	0.18	0.25	3.90	0.58	1776	1197	0.0151	0.0140	0.0057	0.0003	0.0034	0.0088	0.0012	0.0009	0.0001	0.0047	0.0365
113	2035	ALT3	EB	MD	Ramp	0.15	0.21	3.39	0.46	1508	1008	0.0122	0.0113	0.0047	0.0002	0.0024	0.0064	0.0010	0.0008	0.0001	0.0032	0.0234
114	2035	ALT3	EB	MD	Ramp	0.13	0.18	2.78	0.36	1268	843	0.0101	0.0094	0.0041	0.0002	0.0019	0.0053	0.0009	0.0007	0.0001	0.0021	0.0185
115	2035	ALT3	EB	MD	Ramp																	
116	2035	ALT3	EB	MD	Ramp	0.04	0.06	1.04	0.13	451	299	0.0034	0.0032	0.0014	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0007	0.0049
117	2035	ALT3	EB	MD	Ramp	0.07	0.10	1.86	0.28	781	529	0.0065	0.0060	0.0023	0.0001	0.0013	0.0034	0.0005	0.0004	0.0001	0.0024	0.0137
118	2035	ALT3	EB	MD	Ramp	0.06	0.08	1.46	0.18	623	413	0.0047	0.0044	0.0019	0.0001	0.0007	0.0022	0.0004	0.0003	0.0001	0.0010	0.0063
119	2035	ALT3	EB	MD	Ramp	0.10	0.15	2.83	0.38	1143	766	0.0087	0.0081	0.0033	0.0002	0.0016	0.0043	0.0007	0.0005	0.0001	0.0027	0.0150
120	2035	ALT3	EB	MD	Ramp	0.05	0.08	1.30	0.17	562	374	0.0044	0.0040	0.0017	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0011	0.0067
121	2035	ALT3	EB	MD	Ramp	0.12	0.16	3.60	0.58	1355	933	0.0117	0.0108	0.0037	0.0002	0.0026	0.0063	0.0008	0.0005	0.0001	0.0064	0.0279
122	2035	ALT3	EB	MD	Ramp	1.37	1.89	35.99	6.26	14926	10328	0.1362	0.1259	0.0426	0.0019	0.0328	0.0793	0.0087	0.0060	0.0011	0.0690	0.3711
123	2035	ALT3	EB	MD	Ramp	0.94	1.30	25.91	4.45	10448	7230	0.0944	0.0872	0.0293	0.0013	0.0224	0.0542	0.0060	0.0040	0.0008	0.0493	0.2527
124	2035	ALT3	EB	MD	Ramp	0.16	0.24	2.00	0.29	1281	848	0.0129	0.0119	0.0054	0.0002	0.0035	0.0087	0.0011	0.0010	0.0001	0.0015	0.0382
125	2035	ALT3	EB	MD	Ramp	0.14	0.20	2.73	0.45	1310	893	0.0119	0.0110	0.0044	0.0002	0.0035	0.0084	0.0009	0.0007	0.0001	0.0042	0.0400
126	2035	ALT3	EB	MD	Ramp	0.06	0.08	1.14	0.17	546	367	0.0047	0.0044	0.0018	0.0001	0.0012	0.0030	0.0004	0.0003	0.0000	0.0013	0.0131
127	2035	ALT3	EB	MD	Ramp	0.33	0.47	4.50	0.72	2548	1712	0.0244	0.0226	0.0103	0.0004	0.0085	0.0203	0.0021	0.0017	0.0003	0.0052	0.0994
128	2035	ALT3	EB	MD	Ramp	0.03	0.04	0.62	0.07	273	179	0.0020	0.0018	0.0009	0.0000	0.0002	0.0008	0.0002	0.0002	0.0000	0.0002	0.0016
129	2035	ALT3	EB	MD	Ramp	0.29	0.41	5.13	0.86	2559	1743	0.0236	0.0218	0.0091	0.0004	0.0077	0.0182	0.0018	0.0014	0.0002	0.0078	0.0894
130	2035	ALT3	EB	MD	Ramp	0.08	0.11	2.43	0.32	906	607	0.0065	0.0060	0.0025	0.0001	0.0012	0.0033	0.0005	0.0004	0.0001	0.0023	0.0112
131	2035	ALT3	EB	MD	Ramp	0.28	0.40	6.36	0.99	2878	1953	0.0251	0.0232	0.0091	0.0004	0.0058	0.0146	0.0019	0.0014	0.0002	0.0088	0.0622
132	2035	ALT3	EB	MD	Ramp	0.07	0.09	2.11	0.26	779	520	0.0054	0.0050	0.0022	0.0001	0.0009	0.0026	0.0005	0.0003	0.0001	0.0016	0.0081
133	2035	ALT3	EB	MD	Ramp	0.29	0.42	6.55	0.89	2968	1984	0.0242	0.0224	0.0096	0.0005	0.0050	0.0133	0.0020	0.0016	0.0003	0.0061	0.0498
134	2035	ALT3	EB	MD	Ramp	0.47	0.66	14.20	2.09	5416	3681	0.0430	0.0397	0.0150	0.0007	0.0090	0.0230	0.0032	0.0022	0.0004	0.0187	0.0933
135	2035	ALT3	EB	MD	Ramp	0.29	0.42	5.56	0.93	2695	1838	0.0247	0.0229	0.0092	0.0004	0.0075	0.0179	0.0019	0.0014	0.0002	0.0087	0.0865
136	2035	ALT3	EB	MD	Ramp	0.04	0.06	0.86	0.11	393	260	0.0031	0.0028	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0005	0.0048
137	2035	ALT3	EB	MD	Ramp	1.59	2.04	28.33	10.37	15396	11745	0.2301	0.2121	0.0441	0.0013	0.0760	0.1616	0.0074	0.0042	0.0014	0.1851	0.9819
138	2035	ALT3	EB	MD	Ramp	0.18	0.26	2.09	0.33	1330	887	0.0135	0.0125	0.0057	0.0003	0.0044	0.0107	0.0011	0.0010	0.0002	0.0020	0.0515
139	2035	ALT3	EB	MD	Ramp	0.09	0.13	1.96	0.26	889	593	0.0072	0.0067	0.0029	0.0001	0.0014	0.0039	0.0006	0.0005	0.0001	0.0017	0.0144
140	2035	ALT3	EB	MD	Ramp	0.29	0.42	4.81	0.69	2523	1684	0.0225	0.0209	0.0094	0.0004	0.0061	0.0154	0.0019	0.0016	0.0002	0.0045	0.0674
141	2035	ALT3	EB	MD	Ramp	0.03	0.04	0.84	0.10	304	202	0.0020	0.0019	0.0008	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0006	0.0030
142	2035	ALT3	EB	MD	Ramp	0.12	0.17	3.27	0.37	1311	864	0.0091	0.0084	0.0039	0.0002	0.0012	0.0039	0.0009	0.0007	0.0001	0.0016	0.0087
143	2035	ALT3	EB	MD	Ramp	0.10	0.14	3.21	0.35	1137	748	0.0069	0.0064	0.0032	0.0002	0.0009	0.0030	0.0007	0.0005	0.0001	0.0012	0.0059
144	2035	ALT3	EB	MD	HOT	0.29	0.38	7.65	0.89	2881	1873	0.0123	0.0114	0.0093	0.0005	0.0018	0.0071	0.0021	0.0010	0.0001	0.0012	0.0022
145	2035	ALT3	EB	MD	HOT	0.76	1.00	20.19	2.34	7605	4945	0.0325	0.0301	0.0244	0.0013	0.0048	0.0187	0.0056	0.0026	0.0004	0.0031	0.0059

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
146	2035	ALT3	EB	MD	HOT	0.03	0.04	0.87	0.10	328	213	0.0014	0.0013	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
147	2035	ALT3	EB	MD	HOT	0.64	0.84	17.07	1.98	6431	4181	0.0274	0.0254	0.0207	0.0011	0.0041	0.0158	0.0047	0.0022	0.0003	0.0026	0.0050
148	2035	ALT3	EB	MD	HOT	0.23	0.31	6.21	0.72	2338	1520	0.0100	0.0093	0.0075	0.0004	0.0015	0.0058	0.0017	0.0008	0.0001	0.0009	0.0018
149	2035	ALT3	EB	MD	HOT	0.39	0.50	10.24	1.19	3855	2507	0.0165	0.0153	0.0124	0.0007	0.0024	0.0095	0.0028	0.0013	0.0002	0.0016	0.0030
150	2035	ALT3	EB	MD	HOT	0.53	0.70	14.07	1.63	5311	3453	0.0227	0.0210	0.0171	0.0009	0.0034	0.0131	0.0039	0.0018	0.0003	0.0022	0.0041
151	2035	ALT3	EB	MD	HOT	0.72	0.94	19.00	2.21	7170	4662	0.0306	0.0284	0.0231	0.0012	0.0046	0.0177	0.0053	0.0024	0.0004	0.0029	0.0055
152	2035	ALT3	EB	MD	HOT	0.57	0.75	15.07	1.75	5688	3698	0.0243	0.0225	0.0183	0.0010	0.0036	0.0140	0.0042	0.0019	0.0003	0.0023	0.0044
153	2035	ALT3	EB	MD	HOT	0.20	0.26	4.92	0.57	1923	1250	0.0082	0.0076	0.0065	0.0003	0.0013	0.0050	0.0015	0.0007	0.0001	0.0008	0.0014
154	2035	ALT3	EB	MD	HOT	0.39	0.50	9.42	1.09	3679	2392	0.0157	0.0146	0.0124	0.0007	0.0024	0.0095	0.0028	0.0013	0.0002	0.0015	0.0027
155	2035	ALT3	EB	MD	HOT	0.29	0.37	7.00	0.81	2734	1777	0.0117	0.0108	0.0092	0.0005	0.0018	0.0070	0.0021	0.0009	0.0001	0.0011	0.0020
156	2035	ALT3	EB	MD	HOT	0.23	0.29	5.51	0.64	2151	1398	0.0092	0.0085	0.0072	0.0004	0.0014	0.0055	0.0017	0.0007	0.0001	0.0009	0.0016
157	2035	ALT3	EB	MD	HOT	0.40	0.52	9.69	1.12	3784	2460	0.0162	0.0150	0.0127	0.0007	0.0025	0.0098	0.0029	0.0013	0.0002	0.0016	0.0028
158	2035	ALT3	EB	MD	HOT	0.46	0.60	11.17	1.29	4361	2835	0.0186	0.0173	0.0147	0.0008	0.0029	0.0112	0.0034	0.0015	0.0002	0.0018	0.0032
159	2035	ALT3	EB	MD	HOT	0.26	0.34	6.39	0.74	2495	1622	0.0107	0.0099	0.0084	0.0005	0.0017	0.0064	0.0019	0.0008	0.0001	0.0010	0.0018
160	2035	ALT3	EB	MD	HOT	0.49	0.63	11.91	1.38	4650	3023	0.0199	0.0184	0.0156	0.0008	0.0031	0.0120	0.0036	0.0016	0.0002	0.0019	0.0034
161	2035	ALT3	EB	MD	HOT	0.24	0.31	5.97	0.69	2321	1509	0.0099	0.0092	0.0077	0.0004	0.0015	0.0059	0.0018	0.0008	0.0001	0.0010	0.0017
162	2035	ALT3	EB	MD	HOT	0.17	0.23	4.29	0.50	1665	1083	0.0071	0.0066	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0012
163	2035	ALT3	EB	MD	HOT	0.41	0.53	10.15	1.18	3942	2563	0.0168	0.0156	0.0132	0.0007	0.0026	0.0101	0.0030	0.0013	0.0002	0.0016	0.0029
164	2035	ALT3	EB	MD	HOT	0.04	0.05	1.02	0.12	395	257	0.0017	0.0016	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
165	2035	ALT3	EB	MD	HOT	0.19	0.25	4.75	0.55	1846	1200	0.0079	0.0073	0.0062	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0014
166	2035	ALT3	EB	MD	HOT	0.24	0.31	5.87	0.68	2280	1482	0.0097	0.0090	0.0076	0.0004	0.0015	0.0058	0.0018	0.0008	0.0001	0.0009	0.0017
167	2035	ALT3	EB	MD	HOT	0.17	0.22	4.15	0.48	1611	1047	0.0069	0.0064	0.0054	0.0003	0.0011	0.0041	0.0012	0.0005	0.0001	0.0007	0.0012
168	2035	ALT3	EB	MD	HOT	0.11	0.14	2.69	0.31	1046	680	0.0045	0.0041	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0008
169	2035	ALT3	EB	MD	HOT	0.99	1.29	24.48	2.85	9511	6184	0.0406	0.0377	0.0318	0.0017	0.0063	0.0243	0.0073	0.0032	0.0005	0.0039	0.0071
170	2035	ALT3	EB	MD	HOT	0.72	0.93	17.69	2.06	6873	4468	0.0294	0.0272	0.0229	0.0012	0.0045	0.0176	0.0053	0.0023	0.0003	0.0028	0.0051
171	2035	ALT3	EB	MD	HOT	0.42	0.55	10.20	1.18	3997	2598	0.0171	0.0158	0.0135	0.0007	0.0027	0.0104	0.0031	0.0014	0.0002	0.0016	0.0029
172	2035	ALT3	EB	MD	HOT	0.25	0.32	5.97	0.69	2338	1520	0.0100	0.0093	0.0079	0.0004	0.0016	0.0061	0.0018	0.0008	0.0001	0.0010	0.0017
173	2035	ALT3	EB	MD	HOT	0.44	0.57	10.60	1.23	4155	2701	0.0178	0.0165	0.0140	0.0008	0.0028	0.0108	0.0032	0.0014	0.0002	0.0017	0.0030
174	2035	ALT3	EB	MD	HOT	0.31	0.40	7.50	0.87	2940	1912	0.0126	0.0117	0.0099	0.0005	0.0020	0.0076	0.0023	0.0010	0.0001	0.0012	0.0022
175	2035	ALT3	EB	MD	HOT	0.37	0.48	8.97	1.04	3515	2285	0.0150	0.0139	0.0119	0.0006	0.0023	0.0091	0.0027	0.0012	0.0002	0.0014	0.0026
176	2035	ALT3	EB	MD	HOT	0.32	0.42	7.84	0.91	3074	1998	0.0131	0.0122	0.0104	0.0006	0.0021	0.0080	0.0024	0.0010	0.0002	0.0013	0.0023
177	2035	ALT3	EB	MD	HOT	0.44	0.57	10.67	1.23	4182	2719	0.0179	0.0166	0.0141	0.0008	0.0028	0.0108	0.0033	0.0014	0.0002	0.0017	0.0031
178	2035	ALT3	EB	MD	HOT	0.21	0.28	5.18	0.60	2030	1319	0.0087	0.0080	0.0069	0.0004	0.0014	0.0053	0.0016	0.0007	0.0001	0.0008	0.0015
179	2035	ALT3	EB	MD	HOT	0.26	0.33	6.20	0.72	2431	1581	0.0104	0.0096	0.0082	0.0004	0.0016	0.0063	0.0019	0.0008	0.0001	0.0010	0.0018
180	2035	ALT3	EB	MD	HOT	0.35	0.45	8.35	0.97	3274	2129	0.0140	0.0130	0.0111	0.0006	0.0022	0.0085	0.0025	0.0011	0.0002	0.0013	0.0024
181	2035	ALT3	EB	MD	HOT	0.57	0.74	13.66	1.58	5365	3488	0.0229	0.0213	0.0182	0.0010	0.0036	0.0139	0.0042	0.0018	0.0003	0.0022	0.0039
182	2035	ALT3	EB	MD	HOT	0.53	0.69	12.80	1.48	5027	3268	0.0215	0.0199	0.0170	0.0009	0.0034	0.0131	0.0039	0.0017	0.0002	0.0021	0.0037
183	2035	ALT3	EB	MD	HOT	0.39	0.50	9.28	1.07	3646	2370	0.0156	0.0145	0.0124	0.0007	0.0024	0.0095	0.0028	0.0012	0.0002	0.0015	0.0027
184	2035	ALT3	EB	MD	HOT	0.13	0.17	3.21	0.37	1261	820	0.0054	0.0050	0.0043	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0009
185	2035	ALT3	EB	MD	HOT	0.44	0.57	10.61	1.23	4170	2711	0.0178	0.0165	0.0141	0.0008	0.0028	0.0108	0.0033	0.0014	0.0002	0.0017	0.0030
186	2035	ALT3	EB	MD	HOT	0.17	0.23	4.19	0.48	1647	1071	0.0070	0.0065	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0012
187	2035	ALT3	EB	MD	HOT	0.28	0.36	6.63	0.77	2605	1693	0.0111	0.0103	0.0088	0.0005	0.0017	0.0068	0.0020	0.0009	0.0001	0.0011	0.0019
188	2035	ALT3	EB	MD	HOT	0.12	0.16	2.89	0.33	1135	738	0.0049	0.0045	0.0038	0.0002	0.0008	0.0029	0.0009	0.0004	0.0001	0.0005	0.0008
189	2035	ALT3	EB	MD	HOT	0.35	0.46	8.52	0.98	3346	2175	0.0143	0.0133	0.0113	0.0006	0.0022	0.0087	0.0026	0.0011	0.0002	0.0014	0.0024
190	2035	ALT3	EB	MD	HOT	0.02	0.02	0.45	0.05	177	115	0.0008	0.0007	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0001
191	2035	ALT3	EB	MD	HOT	0.47	0.62	11.75	1.37	4560	2964	0.0195	0.0181	0.0152	0.0008	0.0030	0.0117	0.0035	0.0016	0.0002	0.0019	0.0034
192	2035	ALT3	EB	MD	HOT	0.04	0.05	0.94	0.11	364	237	0.0016	0.0014	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
193	2035	ALT3	EB	MD	HOT	0.74	0.96	18.27	2.12	7091	4610	0.0303	0.0281	0.0236	0.0013	0.0047	0.0181	0.0054	0.0024	0.0004	0.0029	0.0053

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
194	2035	ALT3	EB	MD	HOT	0.09	0.11	2.12	0.25	825	536	0.0035	0.0033	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0006
195	2035	ALT3	EB	MD	HOT	0.10	0.13	2.51	0.29	975	634	0.0042	0.0039	0.0032	0.0002	0.0006	0.0025	0.0007	0.0003	0.0000	0.0004	0.0007
196	2035	ALT3	EB	MD	HOT	0.09	0.11	2.11	0.25	818	532	0.0035	0.0032	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0006
197	2035	ALT3	EB	MD	HOT	0.49	0.64	12.25	1.42	4754	3090	0.0203	0.0188	0.0158	0.0009	0.0031	0.0121	0.0036	0.0016	0.0002	0.0020	0.0035
198	2035	ALT3	EB	MD	HOT	0.22	0.29	5.48	0.64	2126	1382	0.0091	0.0084	0.0071	0.0004	0.0014	0.0054	0.0016	0.0007	0.0001	0.0009	0.0016
199	2035	ALT3	EB	MD	HOT	0.33	0.43	8.27	0.96	3196	2078	0.0137	0.0127	0.0106	0.0006	0.0021	0.0081	0.0024	0.0011	0.0002	0.0013	0.0024
200	2035	ALT3	EB	MD	HOT	0.17	0.22	4.26	0.50	1646	1070	0.0070	0.0065	0.0054	0.0003	0.0011	0.0042	0.0013	0.0006	0.0001	0.0007	0.0012
201	2035	ALT3	EB	MD	HOT	0.65	0.84	16.18	1.89	6252	4065	0.0267	0.0248	0.0207	0.0011	0.0041	0.0159	0.0048	0.0021	0.0003	0.0026	0.0047
202	2035	ALT3	EB	MD	HOT	0.15	0.20	3.76	0.44	1452	944	0.0062	0.0057	0.0048	0.0003	0.0010	0.0037	0.0011	0.0005	0.0001	0.0006	0.0011
203	2035	ALT3	EB	MD	HOT	0.69	0.90	17.23	2.01	6657	4328	0.0284	0.0264	0.0220	0.0012	0.0044	0.0169	0.0051	0.0023	0.0003	0.0027	0.0050
204	2035	ALT3	EB	MD	HOT	0.06	0.08	1.43	0.17	555	361	0.0024	0.0022	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
205	2035	ALT3	EB	MD	HOT	0.13	0.17	3.19	0.37	1238	805	0.0053	0.0049	0.0041	0.0002	0.0008	0.0032	0.0009	0.0004	0.0001	0.0005	0.0009
206	2035	ALT3	EB	MD	HOT	0.06	0.08	1.44	0.17	558	363	0.0024	0.0022	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
207	2035	ALT3	EB	MD	HOT	0.21	0.28	5.24	0.61	2034	1322	0.0087	0.0081	0.0068	0.0004	0.0013	0.0052	0.0016	0.0007	0.0001	0.0008	0.0015
208	2035	ALT3	EB	MD	HOT	0.07	0.08	1.62	0.19	627	408	0.0027	0.0025	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
209	2035	ALT3	EB	MD	HOT	0.02	0.02	0.41	0.05	160	104	0.0007	0.0006	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
210	2035	ALT3	EB	MD	HOT	0.15	0.19	3.63	0.42	1405	914	0.0060	0.0056	0.0047	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0010
211	2035	ALT3	EB	MD	HOT	0.10	0.13	2.50	0.29	969	630	0.0041	0.0038	0.0032	0.0002	0.0006	0.0025	0.0007	0.0003	0.0000	0.0004	0.0007
212	2035	ALT3	EB	MD	HOT	0.27	0.35	6.70	0.78	2596	1687	0.0111	0.0103	0.0086	0.0005	0.0017	0.0066	0.0020	0.0009	0.0001	0.0011	0.0019
213	2035	ALT3	EB	MD	HOT	0.15	0.20	3.86	0.45	1493	971	0.0064	0.0059	0.0050	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0011
214	2035	ALT3	EB	MD	HOV																	
215	2035	ALT3	EB	MD	HOV																	
1	2035	ALT3	EB	PM	Mainline	0.66	0.88	21.34	3.02	7621	5138	0.0572	0.0528	0.0207	0.0010	0.0094	0.0259	0.0045	0.0025	0.0005	0.0293	0.0826
2	2035	ALT3	EB	PM	Mainline	1.67	2.21	51.27	7.48	18903	12757	0.1496	0.1381	0.0526	0.0026	0.0229	0.0641	0.0115	0.0060	0.0012	0.0828	0.1953
3	2035	ALT3	EB	PM	Mainline	0.08	0.11	2.37	0.36	909	613	0.0075	0.0069	0.0026	0.0001	0.0011	0.0031	0.0006	0.0003	0.0001	0.0043	0.0087
4	2035	ALT3	EB	PM	Mainline	1.42	1.88	43.84	6.44	16161	10922	0.1295	0.1196	0.0448	0.0022	0.0200	0.0557	0.0098	0.0051	0.0010	0.0724	0.1743
5	2035	ALT3	EB	PM	Mainline	0.60	0.78	17.07	2.56	6519	4398	0.0535	0.0494	0.0188	0.0009	0.0077	0.0221	0.0041	0.0021	0.0004	0.0307	0.0630
6	2035	ALT3	EB	PM	Mainline	0.86	1.13	26.00	3.87	9678	6546	0.0792	0.0732	0.0270	0.0013	0.0121	0.0335	0.0059	0.0030	0.0006	0.0453	0.1050
7	2035	ALT3	EB	PM	Mainline	1.29	1.74	42.47	6.13	15164	10276	0.1179	0.1088	0.0407	0.0020	0.0208	0.0555	0.0088	0.0050	0.0010	0.0616	0.1973
8	2035	ALT3	EB	PM	Mainline	1.61	2.12	48.65	7.44	18208	12366	0.1557	0.1437	0.0504	0.0025	0.0241	0.0655	0.0110	0.0057	0.0012	0.0926	0.2178
9	2035	ALT3	EB	PM	Mainline	1.34	1.79	43.18	6.41	15604	10594	0.1258	0.1162	0.0421	0.0020	0.0215	0.0573	0.0091	0.0051	0.0010	0.0695	0.2030
10	2035	ALT3	EB	PM	Mainline	0.42	0.55	11.72	1.87	4573	3111	0.0419	0.0386	0.0131	0.0006	0.0061	0.0166	0.0029	0.0014	0.0003	0.0262	0.0534
11	2035	ALT3	EB	PM	Mainline	0.83	1.10	25.56	3.92	9512	6469	0.0814	0.0752	0.0261	0.0013	0.0129	0.0348	0.0057	0.0030	0.0006	0.0483	0.1196
12	2035	ALT3	EB	PM	Mainline	0.60	0.78	16.89	2.67	6543	4444	0.0586	0.0541	0.0187	0.0009	0.0085	0.0235	0.0041	0.0020	0.0004	0.0361	0.0746
13	2035	ALT3	EB	PM	Mainline	0.61	0.80	15.98	2.53	6408	4337	0.0577	0.0533	0.0192	0.0010	0.0079	0.0225	0.0043	0.0020	0.0004	0.0356	0.0636
14	2035	ALT3	EB	PM	Mainline	0.92	1.19	24.65	3.94	9775	6631	0.0890	0.0821	0.0287	0.0014	0.0124	0.0348	0.0063	0.0030	0.0007	0.0555	0.1042
15	2035	ALT3	EB	PM	Mainline	1.12	1.48	34.44	5.27	12801	8703	0.1092	0.1008	0.0352	0.0017	0.0174	0.0468	0.0076	0.0040	0.0008	0.0645	0.1608
16	2035	ALT3	EB	PM	Mainline	0.66	0.89	21.38	3.19	7736	5257	0.0629	0.0581	0.0208	0.0010	0.0108	0.0287	0.0045	0.0025	0.0005	0.0350	0.1031
17	2035	ALT3	EB	PM	Mainline	1.27	1.75	41.81	5.96	15023	10193	0.1148	0.1061	0.0403	0.0019	0.0226	0.0589	0.0086	0.0054	0.0010	0.0542	0.2270
18	2035	ALT3	EB	PM	Mainline	0.94	1.26	30.52	4.47	10968	7441	0.0870	0.0803	0.0295	0.0014	0.0151	0.0402	0.0064	0.0036	0.0007	0.0469	0.1430
19	2035	ALT3	EB	PM	Mainline	0.73	0.97	22.60	3.39	8360	5667	0.0692	0.0638	0.0231	0.0011	0.0109	0.0297	0.0050	0.0026	0.0005	0.0398	0.0980
20	2035	ALT3	EB	PM	Mainline	1.56	2.09	50.76	7.43	18258	12373	0.1442	0.1331	0.0493	0.0024	0.0245	0.0659	0.0107	0.0060	0.0012	0.0779	0.2284
21	2035	ALT3	EB	PM	Mainline	0.17	0.23	5.32	0.79	1964	1329	0.0160	0.0148	0.0054	0.0003	0.0025	0.0069	0.0012	0.0006	0.0001	0.0091	0.0220
22	2035	ALT3	EB	PM	Mainline	0.69	0.91	19.96	3.10	7647	5188	0.0668	0.0617	0.0217	0.0011	0.0099	0.0272	0.0048	0.0024	0.0005	0.0404	0.0861
23	2035	ALT3	EB	PM	Mainline	0.72	0.95	21.01	3.23	7997	5423	0.0689	0.0636	0.0226	0.0011	0.0103	0.0284	0.0049	0.0025	0.0005	0.0412	0.0898
24	2035	ALT3	EB	PM	Mainline	0.67	0.87	18.41	3.03	7267	4961	0.0698	0.0644	0.0208	0.0010	0.0100	0.0272	0.0045	0.0022	0.0005	0.0452	0.0909
25	2035	ALT3	EB	PM	Mainline	0.41	0.54	12.63	2.00	4723	3228	0.0422	0.0390	0.0129	0.0006	0.0069	0.0182	0.0028	0.0015	0.0003	0.0259	0.0671
26	2035	ALT3	EB	PM	Mainline	3.56	4.70	108.52	17.05	40638	27732	0.3604	0.3327	0.1112	0.0054	0.0580	0.1539	0.0240	0.0126	0.0027	0.2200	0.5522

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
27	2035	ALT3	EB	PM	Mainline	2.96	3.86	80.69	13.30	32031	21846	0.3074	0.2836	0.0924	0.0046	0.0436	0.1190	0.0202	0.0098	0.0022	0.1991	0.3880
28	2035	ALT3	EB	PM	Mainline	1.68	2.21	49.16	7.93	18867	12889	0.1754	0.1618	0.0525	0.0026	0.0267	0.0714	0.0114	0.0058	0.0013	0.1114	0.2502
29	2035	ALT3	EB	PM	Mainline	1.14	1.50	33.06	5.32	12739	8694	0.1181	0.1090	0.0357	0.0017	0.0178	0.0478	0.0078	0.0039	0.0009	0.0748	0.1641
30	2035	ALT3	EB	PM	Mainline	2.03	2.64	54.23	9.04	21750	14841	0.2125	0.1960	0.0633	0.0031	0.0297	0.0811	0.0138	0.0067	0.0015	0.1392	0.2628
31	2035	ALT3	EB	PM	Mainline	1.44	1.88	40.66	6.63	15867	10830	0.1497	0.1382	0.0450	0.0022	0.0220	0.0594	0.0098	0.0049	0.0011	0.0960	0.2009
32	2035	ALT3	EB	PM	Mainline	1.49	1.96	44.49	7.25	16943	11611	0.1592	0.1469	0.0464	0.0022	0.0252	0.0662	0.0100	0.0052	0.0011	0.1019	0.2449
33	2035	ALT3	EB	PM	Mainline	1.39	1.83	41.20	6.67	15714	10755	0.1468	0.1355	0.0433	0.0021	0.0229	0.0605	0.0093	0.0048	0.0010	0.0937	0.2194
34	2035	ALT3	EB	PM	Mainline	1.64	2.16	48.67	8.11	18641	12817	0.1805	0.1666	0.0509	0.0024	0.0290	0.0751	0.0109	0.0057	0.0013	0.1180	0.2874
35	2035	ALT3	EB	PM	Mainline	0.91	1.19	25.51	4.25	10023	6862	0.0980	0.0904	0.0283	0.0014	0.0144	0.0385	0.0061	0.0030	0.0007	0.0644	0.1349
36	2035	ALT3	EB	PM	Mainline	1.09	1.42	30.56	5.09	12008	8222	0.1174	0.1083	0.0339	0.0017	0.0173	0.0462	0.0074	0.0036	0.0008	0.0771	0.1616
37	2035	ALT3	EB	PM	Mainline	1.47	1.92	41.16	6.86	16172	11073	0.1581	0.1459	0.0457	0.0022	0.0233	0.0622	0.0099	0.0049	0.0011	0.1039	0.2177
38	2035	ALT3	EB	PM	Mainline	2.14	2.81	62.47	10.40	24148	16579	0.2353	0.2171	0.0667	0.0032	0.0364	0.0953	0.0144	0.0073	0.0017	0.1545	0.3531
39	2035	ALT3	EB	PM	Mainline	2.28	2.96	60.97	10.43	24588	16844	0.2504	0.2310	0.0709	0.0035	0.0351	0.0945	0.0154	0.0074	0.0018	0.1685	0.3214
40	2035	ALT3	EB	PM	Mainline	1.53	1.98	37.76	6.68	15856	10874	0.1726	0.1592	0.0476	0.0024	0.0227	0.0618	0.0104	0.0048	0.0012	0.1200	0.2023
41	2035	ALT3	EB	PM	Mainline	0.57	0.74	14.79	2.53	6026	4123	0.0617	0.0569	0.0177	0.0009	0.0085	0.0230	0.0039	0.0018	0.0004	0.0415	0.0761
42	2035	ALT3	EB	PM	Mainline	1.63	2.13	44.95	7.73	17912	12309	0.1838	0.1695	0.0507	0.0025	0.0268	0.0708	0.0110	0.0054	0.0013	0.1245	0.2551
43	2035	ALT3	EB	PM	Mainline	0.73	0.95	18.56	3.23	7666	5252	0.0807	0.0744	0.0227	0.0011	0.0109	0.0296	0.0050	0.0023	0.0006	0.0552	0.0974
44	2035	ALT3	EB	PM	Mainline	1.16	1.49	29.36	5.10	12123	8305	0.1276	0.1177	0.0359	0.0018	0.0172	0.0468	0.0079	0.0037	0.0009	0.0873	0.1541
45	2035	ALT3	EB	PM	Mainline	0.51	0.66	13.01	2.25	5346	3661	0.0557	0.0514	0.0158	0.0008	0.0076	0.0206	0.0034	0.0016	0.0004	0.0379	0.0679
46	2035	ALT3	EB	PM	Mainline	1.31	1.71	36.34	6.19	14417	9897	0.1459	0.1345	0.0407	0.0020	0.0214	0.0566	0.0088	0.0044	0.0010	0.0979	0.2024
47	2035	ALT3	EB	PM	Mainline	0.08	0.10	2.04	0.35	835	571	0.0086	0.0079	0.0025	0.0001	0.0012	0.0032	0.0005	0.0003	0.0001	0.0058	0.0104
48	2035	ALT3	EB	PM	Mainline	1.60	2.07	38.81	6.96	16456	11299	0.1833	0.1691	0.0498	0.0025	0.0238	0.0647	0.0109	0.0049	0.0012	0.1290	0.2121
49	2035	ALT3	EB	PM	Mainline	0.13	0.17	3.26	0.57	1350	926	0.0144	0.0133	0.0040	0.0002	0.0020	0.0053	0.0009	0.0004	0.0001	0.0100	0.0177
50	2035	ALT3	EB	PM	Mainline	1.94	2.50	47.49	8.74	20163	13903	0.2329	0.2148	0.0601	0.0030	0.0306	0.0816	0.0131	0.0060	0.0015	0.1672	0.2823
51	2035	ALT3	EB	PM	Mainline	0.30	0.39	8.25	1.40	3294	2257	0.0331	0.0305	0.0094	0.0005	0.0047	0.0127	0.0020	0.0010	0.0002	0.0221	0.0437
52	2035	ALT3	EB	PM	Mainline	0.43	0.56	12.47	2.11	4842	3333	0.0483	0.0446	0.0133	0.0006	0.0075	0.0195	0.0029	0.0015	0.0003	0.0322	0.0740
53	2035	ALT3	EB	PM	Mainline	0.33	0.43	9.85	1.68	3759	2597	0.0369	0.0341	0.0101	0.0005	0.0063	0.0160	0.0021	0.0011	0.0003	0.0243	0.0654
54	2035	ALT3	EB	PM	Mainline	1.93	2.60	60.27	9.78	22434	15472	0.1981	0.1829	0.0599	0.0027	0.0414	0.1023	0.0125	0.0075	0.0015	0.1142	0.4483
55	2035	ALT3	EB	PM	Mainline	0.85	1.12	25.94	4.31	9789	6743	0.0928	0.0857	0.0263	0.0012	0.0160	0.0408	0.0056	0.0030	0.0007	0.0595	0.1638
56	2035	ALT3	EB	PM	Mainline	1.16	1.55	36.43	5.96	13505	9323	0.1219	0.1125	0.0358	0.0017	0.0244	0.0604	0.0075	0.0044	0.0009	0.0734	0.2616
57	2035	ALT3	EB	PM	Mainline	0.67	0.87	17.74	3.10	7217	4956	0.0759	0.0700	0.0208	0.0010	0.0106	0.0283	0.0045	0.0022	0.0005	0.0521	0.0982
58	2035	ALT3	EB	PM	Mainline	2.21	2.89	62.78	10.79	24688	17001	0.2521	0.2326	0.0686	0.0033	0.0383	0.0997	0.0147	0.0074	0.0017	0.1706	0.3749
59	2035	ALT3	EB	PM	Mainline	0.59	0.77	16.31	2.75	6479	4439	0.0646	0.0596	0.0184	0.0009	0.0094	0.0250	0.0040	0.0020	0.0005	0.0430	0.0869
60	2035	ALT3	EB	PM	Mainline	2.37	3.14	72.23	11.76	27237	18692	0.2532	0.2336	0.0739	0.0035	0.0421	0.1090	0.0158	0.0084	0.0018	0.1601	0.4180
61	2035	ALT3	EB	PM	Mainline	0.60	0.82	19.87	2.92	7121	4846	0.0566	0.0523	0.0190	0.0009	0.0107	0.0278	0.0041	0.0024	0.0005	0.0297	0.1069
62	2035	ALT3	EB	PM	Mainline	1.24	1.64	37.67	5.86	14142	9631	0.1242	0.1146	0.0390	0.0019	0.0195	0.0523	0.0085	0.0044	0.0009	0.0754	0.1807
63	2035	ALT3	EB	PM	Mainline	0.49	0.64	13.41	2.25	5322	3643	0.0527	0.0486	0.0152	0.0007	0.0076	0.0204	0.0033	0.0016	0.0004	0.0349	0.0703
64	2035	ALT3	EB	PM	Mainline	1.59	2.08	44.49	7.50	17555	12037	0.1746	0.1610	0.0496	0.0024	0.0257	0.0682	0.0107	0.0053	0.0012	0.1160	0.2421
65	2035	ALT3	EB	PM	Mainline	0.50	0.66	14.97	2.42	5692	3895	0.0528	0.0487	0.0156	0.0008	0.0083	0.0219	0.0034	0.0017	0.0004	0.0335	0.0796
66	2035	ALT3	EB	PM	Mainline	0.17	0.22	5.17	0.88	1945	1348	0.0186	0.0171	0.0052	0.0002	0.0036	0.0089	0.0011	0.0006	0.0001	0.0118	0.0389
67	2035	ALT3	EB	PM	Mainline	1.39	1.87	42.27	7.27	16067	11167	0.1500	0.1384	0.0429	0.0019	0.0328	0.0792	0.0088	0.0053	0.0011	0.0908	0.3663
68	2035	ALT3	EB	PM	Mainline	0.92	1.21	27.11	4.80	10535	7314	0.1099	0.1013	0.0284	0.0013	0.0185	0.0463	0.0060	0.0031	0.0007	0.0753	0.1944
69	2035	ALT3	EB	PM	Mainline	2.32	3.08	70.26	12.50	26865	18739	0.2693	0.2484	0.0711	0.0032	0.0534	0.1294	0.0147	0.0083	0.0019	0.1777	0.5904
70	2035	ALT3	EB	PM	Mainline	1.49	1.93	38.55	7.26	16105	11175	0.1898	0.1750	0.0460	0.0022	0.0263	0.0680	0.0099	0.0047	0.0012	0.1384	0.2588
71	2035	ALT3	EB	PM	Mainline	1.85	2.41	50.38	9.65	20649	14425	0.2453	0.2262	0.0569	0.0026	0.0371	0.0926	0.0120	0.0060	0.0016	0.1804	0.3862
72	2035	ALT3	EB	PM	Mainline	2.09	2.69	51.45	9.72	21895	15162	0.2620	0.2416	0.0644	0.0031	0.0348	0.0912	0.0139	0.0064	0.0017	0.1917	0.3317
73	2035	ALT3	EB	PM	Ramp	0.06	0.09	1.51	0.16	659	432	0.0048	0.0044	0.0021	0.0001	0.0006	0.0020	0.0005	0.0004	0.0001	0.0005	0.0038
74	2035	ALT3	EB	PM	Ramp	0.12	0.18	1.70	0.26	975	653	0.0094	0.0087	0.0040	0.0002	0.0031	0.0075	0.0008	0.0007	0.0001	0.0018	0.0362

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
75	2035	ALT3	EB	PM	Ramp	0.08	0.12	1.42	0.18	722	478	0.0061	0.0057	0.0026	0.0001	0.0013	0.0035	0.0005	0.0005	0.0001	0.0009	0.0129
76	2035	ALT3	EB	PM	Ramp	0.17	0.25	2.45	0.34	1394	924	0.0129	0.0120	0.0055	0.0003	0.0033	0.0085	0.0011	0.0010	0.0001	0.0019	0.0356
77	2035	ALT3	EB	PM	Ramp	0.15	0.23	2.25	0.28	1311	861	0.0121	0.0112	0.0051	0.0002	0.0022	0.0063	0.0011	0.0010	0.0001	0.0011	0.0211
78	2035	ALT3	EB	PM	Ramp	0.16	0.23	1.76	0.32	1096	741	0.0114	0.0105	0.0049	0.0002	0.0050	0.0114	0.0009	0.0008	0.0001	0.0025	0.0608
79	2035	ALT3	EB	PM	Ramp	0.18	0.28	2.37	0.30	1535	1006	0.0152	0.0141	0.0062	0.0003	0.0027	0.0076	0.0013	0.0012	0.0002	0.0011	0.0256
80	2035	ALT3	EB	PM	Ramp	0.22	0.33	3.72	0.51	1952	1298	0.0172	0.0160	0.0072	0.0003	0.0043	0.0111	0.0015	0.0013	0.0002	0.0030	0.0460
81	2035	ALT3	EB	PM	Ramp	0.22	0.32	5.59	0.67	2362	1562	0.0174	0.0161	0.0072	0.0004	0.0025	0.0077	0.0016	0.0012	0.0002	0.0034	0.0200
82	2035	ALT3	EB	PM	Ramp	0.13	0.19	2.87	0.38	1315	877	0.0107	0.0099	0.0043	0.0002	0.0022	0.0059	0.0009	0.0007	0.0001	0.0024	0.0217
83	2035	ALT3	EB	PM	Ramp	0.03	0.05	0.93	0.13	368	249	0.0029	0.0027	0.0010	0.0001	0.0006	0.0015	0.0002	0.0002	0.0000	0.0011	0.0060
84	2035	ALT3	EB	PM	Ramp	0.09	0.12	2.50	0.32	980	654	0.0071	0.0066	0.0028	0.0001	0.0012	0.0034	0.0006	0.0005	0.0001	0.0020	0.0109
85	2035	ALT3	EB	PM	Ramp	0.12	0.17	3.82	0.48	1420	948	0.0099	0.0092	0.0040	0.0002	0.0017	0.0048	0.0009	0.0006	0.0001	0.0031	0.0154
86	2035	ALT3	EB	PM	Ramp	0.26	0.37	4.85	0.75	2361	1595	0.0209	0.0193	0.0082	0.0004	0.0059	0.0145	0.0017	0.0013	0.0002	0.0062	0.0667
87	2035	ALT3	EB	PM	Ramp	0.10	0.15	1.87	0.24	934	618	0.0078	0.0073	0.0033	0.0002	0.0016	0.0044	0.0007	0.0006	0.0001	0.0013	0.0161
88	2035	ALT3	EB	PM	Ramp	0.04	0.05	1.09	0.16	429	291	0.0034	0.0032	0.0012	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0013	0.0071
89	2035	ALT3	EB	PM	Ramp	0.04	0.07	0.86	0.12	420	280	0.0036	0.0033	0.0015	0.0001	0.0009	0.0022	0.0003	0.0002	0.0000	0.0008	0.0093
90	2035	ALT3	EB	PM	Ramp	0.30	0.44	3.78	0.60	2282	1527	0.0226	0.0210	0.0096	0.0004	0.0077	0.0186	0.0019	0.0016	0.0002	0.0040	0.0903
91	2035	ALT3	EB	PM	Ramp	0.07	0.10	1.93	0.29	803	546	0.0067	0.0062	0.0024	0.0001	0.0014	0.0036	0.0005	0.0004	0.0001	0.0027	0.0148
92	2035	ALT3	EB	PM	Ramp	0.23	0.34	2.81	0.41	1764	1171	0.0176	0.0163	0.0074	0.0003	0.0050	0.0125	0.0015	0.0013	0.0002	0.0023	0.0563
93	2035	ALT3	EB	PM	Ramp	0.83	1.17	26.24	3.19	9665	6425	0.0652	0.0604	0.0270	0.0014	0.0106	0.0310	0.0059	0.0042	0.0007	0.0180	0.0902
94	2035	ALT3	EB	PM	Ramp	0.55	0.78	11.14	1.69	5250	3546	0.0457	0.0423	0.0175	0.0008	0.0117	0.0293	0.0036	0.0028	0.0005	0.0139	0.1293
95	2035	ALT3	EB	PM	Ramp																	
96	2035	ALT3	EB	PM	Ramp	0.08	0.10	2.56	0.33	899	604	0.0062	0.0058	0.0024	0.0001	0.0011	0.0031	0.0005	0.0003	0.0001	0.0025	0.0104
97	2035	ALT3	EB	PM	Ramp	0.04	0.06	1.13	0.21	472	329	0.0045	0.0041	0.0013	0.0001	0.0011	0.0026	0.0003	0.0002	0.0000	0.0024	0.0128
98	2035	ALT3	EB	PM	Ramp	0.09	0.13	2.49	0.42	1017	701	0.0090	0.0083	0.0029	0.0001	0.0021	0.0052	0.0006	0.0004	0.0001	0.0044	0.0235
99	2035	ALT3	EB	PM	Ramp	0.12	0.17	3.49	0.43	1357	903	0.0097	0.0090	0.0039	0.0002	0.0016	0.0046	0.0008	0.0006	0.0001	0.0026	0.0140
100	2035	ALT3	EB	PM	Ramp	0.18	0.25	5.09	0.72	1999	1351	0.0156	0.0144	0.0057	0.0003	0.0031	0.0082	0.0012	0.0009	0.0001	0.0059	0.0313
101	2035	ALT3	EB	PM	Ramp	0.07	0.10	2.44	0.32	878	590	0.0062	0.0058	0.0024	0.0001	0.0011	0.0031	0.0005	0.0003	0.0001	0.0024	0.0108
102	2035	ALT3	EB	PM	Ramp	0.05	0.07	1.61	0.22	601	405	0.0044	0.0041	0.0017	0.0001	0.0008	0.0023	0.0004	0.0002	0.0000	0.0017	0.0082
103	2035	ALT3	EB	PM	Ramp	0.05	0.07	1.56	0.18	557	368	0.0035	0.0033	0.0015	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0009	0.0042
104	2035	ALT3	EB	PM	Ramp	0.09	0.13	2.14	0.28	953	636	0.0076	0.0071	0.0030	0.0001	0.0014	0.0040	0.0006	0.0005	0.0001	0.0019	0.0141
105	2035	ALT3	EB	PM	Ramp	0.08	0.12	2.11	0.25	899	595	0.0067	0.0062	0.0028	0.0001	0.0010	0.0030	0.0006	0.0005	0.0001	0.0013	0.0081
106	2035	ALT3	EB	PM	Ramp	0.03	0.05	0.43	0.06	265	175	0.0025	0.0024	0.0011	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0003	0.0054
107	2035	ALT3	EB	PM	Ramp	0.16	0.23	3.33	0.42	1559	1033	0.0125	0.0116	0.0052	0.0003	0.0024	0.0066	0.0011	0.0009	0.0001	0.0023	0.0227
108	2035	ALT3	EB	PM	Ramp	0.10	0.15	2.17	0.26	1002	662	0.0079	0.0073	0.0033	0.0002	0.0014	0.0039	0.0007	0.0006	0.0001	0.0013	0.0123
109	2035	ALT3	EB	PM	Ramp	0.13	0.19	3.27	0.40	1399	928	0.0106	0.0098	0.0043	0.0002	0.0017	0.0049	0.0009	0.0007	0.0001	0.0023	0.0142
110	2035	ALT3	EB	PM	Ramp	0.13	0.18	2.92	0.41	1306	878	0.0108	0.0100	0.0041	0.0002	0.0023	0.0059	0.0009	0.0007	0.0001	0.0031	0.0231
111	2035	ALT3	EB	PM	Ramp	0.07	0.10	2.04	0.27	797	535	0.0060	0.0055	0.0023	0.0001	0.0011	0.0030	0.0005	0.0004	0.0001	0.0020	0.0105
112	2035	ALT3	EB	PM	Ramp	0.21	0.31	4.51	0.57	2110	1400	0.0170	0.0157	0.0070	0.0003	0.0033	0.0092	0.0015	0.0012	0.0002	0.0033	0.0323
113	2035	ALT3	EB	PM	Ramp	0.19	0.28	3.42	0.41	1741	1147	0.0146	0.0135	0.0062	0.0003	0.0027	0.0075	0.0013	0.0011	0.0002	0.0018	0.0247
114	2035	ALT3	EB	PM	Ramp	0.09	0.13	1.94	0.24	884	585	0.0069	0.0064	0.0029	0.0001	0.0012	0.0035	0.0006	0.0005	0.0001	0.0013	0.0114
115	2035	ALT3	EB	PM	Ramp																	
116	2035	ALT3	EB	PM	Ramp	0.03	0.04	0.64	0.08	277	183	0.0021	0.0019	0.0009	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0004	0.0027
117	2035	ALT3	EB	PM	Ramp	0.06	0.09	1.53	0.21	651	437	0.0052	0.0048	0.0020	0.0001	0.0009	0.0026	0.0004	0.0003	0.0001	0.0016	0.0089
118	2035	ALT3	EB	PM	Ramp	0.07	0.11	1.86	0.21	798	524	0.0058	0.0054	0.0025	0.0001	0.0008	0.0024	0.0005	0.0004	0.0001	0.0008	0.0055
119	2035	ALT3	EB	PM	Ramp	0.11	0.16	2.81	0.34	1186	786	0.0088	0.0082	0.0036	0.0002	0.0013	0.0039	0.0008	0.0006	0.0001	0.0018	0.0107
120	2035	ALT3	EB	PM	Ramp	0.06	0.09	1.49	0.18	644	426	0.0048	0.0045	0.0020	0.0001	0.0007	0.0022	0.0004	0.0003	0.0001	0.0009	0.0060
121	2035	ALT3	EB	PM	Ramp	0.15	0.21	4.98	0.68	1803	1216	0.0132	0.0122	0.0049	0.0002	0.0025	0.0068	0.0011	0.0007	0.0001	0.0055	0.0247
122	2035	ALT3	EB	PM	Ramp	1.23	1.77	32.13	4.27	13462	9001	0.1045	0.0967	0.0402	0.0020	0.0179	0.0502	0.0087	0.0066	0.0011	0.0294	0.1663

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
123	2035	ALT3	EB	PM	Ramp	0.75	1.03	19.76	3.47	8162	5658	0.0751	0.0693	0.0232	0.0010	0.0182	0.0438	0.0047	0.0032	0.0006	0.0389	0.2065
124	2035	ALT3	EB	PM	Ramp																	
125	2035	ALT3	EB	PM	Ramp	0.10	0.14	1.80	0.34	890	616	0.0087	0.0081	0.0031	0.0001	0.0030	0.0069	0.0006	0.0004	0.0001	0.0037	0.0355
126	2035	ALT3	EB	PM	Ramp	0.07	0.11	1.29	0.16	663	438	0.0056	0.0052	0.0024	0.0001	0.0011	0.0031	0.0005	0.0004	0.0001	0.0008	0.0109
127	2035	ALT3	EB	PM	Ramp	0.22	0.33	3.12	0.45	1801	1199	0.0171	0.0158	0.0072	0.0003	0.0049	0.0122	0.0015	0.0013	0.0002	0.0027	0.0548
128	2035	ALT3	EB	PM	Ramp	0.04	0.06	0.84	0.09	412	269	0.0032	0.0030	0.0014	0.0001	0.0003	0.0012	0.0003	0.0003	0.0000	0.0002	0.0017
129	2035	ALT3	EB	PM	Ramp	0.20	0.28	3.56	0.52	1777	1192	0.0156	0.0144	0.0063	0.0003	0.0043	0.0106	0.0013	0.0010	0.0002	0.0038	0.0470
130	2035	ALT3	EB	PM	Ramp	0.10	0.14	3.11	0.35	1143	753	0.0073	0.0067	0.0032	0.0002	0.0010	0.0032	0.0007	0.0005	0.0001	0.0015	0.0073
131	2035	ALT3	EB	PM	Ramp	0.17	0.24	4.03	0.62	1788	1213	0.0155	0.0143	0.0055	0.0003	0.0032	0.0084	0.0011	0.0009	0.0001	0.0056	0.0343
132	2035	ALT3	EB	PM	Ramp	0.10	0.15	3.23	0.35	1198	787	0.0075	0.0070	0.0034	0.0002	0.0009	0.0032	0.0008	0.0006	0.0001	0.0012	0.0059
133	2035	ALT3	EB	PM	Ramp	0.23	0.34	4.81	0.64	2264	1509	0.0187	0.0173	0.0076	0.0004	0.0040	0.0107	0.0016	0.0013	0.0002	0.0041	0.0413
134	2035	ALT3	EB	PM	Ramp	0.63	0.91	20.18	2.31	7426	4904	0.0480	0.0444	0.0209	0.0011	0.0069	0.0216	0.0046	0.0033	0.0005	0.0103	0.0517
135	2035	ALT3	EB	PM	Ramp	0.23	0.33	4.15	0.61	2068	1388	0.0181	0.0168	0.0074	0.0003	0.0050	0.0124	0.0015	0.0012	0.0002	0.0044	0.0550
136	2035	ALT3	EB	PM	Ramp	0.04	0.07	0.92	0.10	445	291	0.0035	0.0032	0.0015	0.0001	0.0004	0.0014	0.0003	0.0003	0.0000	0.0003	0.0029
137	2035	ALT3	EB	PM	Ramp	1.28	1.73	28.88	6.56	13201	9429	0.1450	0.1338	0.0383	0.0015	0.0412	0.0935	0.0074	0.0049	0.0011	0.0904	0.5009
138	2035	ALT3	EB	PM	Ramp																	
139	2035	ALT3	EB	PM	Ramp	0.09	0.13	1.89	0.22	871	574	0.0067	0.0062	0.0029	0.0001	0.0011	0.0032	0.0006	0.0005	0.0001	0.0010	0.0091
140	2035	ALT3	EB	PM	Ramp	0.27	0.41	3.97	0.48	2346	1539	0.0218	0.0202	0.0090	0.0005	0.0036	0.0105	0.0019	0.0018	0.0003	0.0017	0.0325
141	2035	ALT3	EB	PM	Ramp	0.04	0.06	1.44	0.16	522	343	0.0033	0.0030	0.0015	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0006	0.0030
142	2035	ALT3	EB	PM	Ramp	0.19	0.29	3.63	0.39	1848	1206	0.0150	0.0139	0.0065	0.0003	0.0017	0.0059	0.0014	0.0012	0.0002	0.0010	0.0110
143	2035	ALT3	EB	PM	Ramp	0.16	0.23	5.11	0.57	1869	1231	0.0118	0.0109	0.0053	0.0003	0.0016	0.0052	0.0012	0.0008	0.0001	0.0022	0.0111
144	2035	ALT3	EB	PM	HOT	1.50	2.02	49.75	5.43	16978	11038	0.0728	0.0675	0.0488	0.0026	0.0096	0.0375	0.0112	0.0059	0.0008	0.0063	0.0149
145	2035	ALT3	EB	PM	HOT	1.50	2.02	49.75	5.43	16978	11038	0.0728	0.0675	0.0488	0.0026	0.0096	0.0375	0.0112	0.0059	0.0008	0.0063	0.0149
146	2035	ALT3	EB	PM	HOT	1.50	2.02	49.75	5.43	16978	11038	0.0728	0.0675	0.0488	0.0026	0.0096	0.0375	0.0112	0.0059	0.0008	0.0063	0.0149
147	2035	ALT3	EB	PM	HOT	1.50	2.02	49.75	5.43	16978	11038	0.0728	0.0675	0.0488	0.0026	0.0096	0.0375	0.0112	0.0059	0.0008	0.0063	0.0149
148	2035	ALT3	EB	PM	HOT	1.50	2.02	49.75	5.43	16978	11038	0.0728	0.0675	0.0488	0.0026	0.0096	0.0375	0.0112	0.0059	0.0008	0.0063	0.0149
149	2035	ALT3	EB	PM	HOT	1.50	2.02	49.75	5.43	16978	11038	0.0728	0.0675	0.0488	0.0026	0.0096	0.0375	0.0112	0.0059	0.0008	0.0063	0.0149
150	2035	ALT3	EB	PM	HOT	1.59	2.13	52.63	5.75	17963	11678	0.0770	0.0714	0.0516	0.0028	0.0101	0.0396	0.0118	0.0062	0.0009	0.0067	0.0158
151	2035	ALT3	EB	PM	HOT	1.59	2.13	52.63	5.75	17963	11678	0.0770	0.0714	0.0516	0.0028	0.0101	0.0396	0.0118	0.0062	0.0009	0.0067	0.0158
152	2035	ALT3	EB	PM	HOT	1.59	2.13	52.63	5.75	17963	11678	0.0770	0.0714	0.0516	0.0028	0.0101	0.0396	0.0118	0.0062	0.0009	0.0067	0.0158
153	2035	ALT3	EB	PM	HOT	1.10	1.45	32.22	3.68	11635	7565	0.0496	0.0459	0.0355	0.0019	0.0070	0.0272	0.0081	0.0040	0.0006	0.0046	0.0095
154	2035	ALT3	EB	PM	HOT	1.10	1.45	32.22	3.68	11635	7565	0.0496	0.0459	0.0355	0.0019	0.0070	0.0272	0.0081	0.0040	0.0006	0.0046	0.0095
155	2035	ALT3	EB	PM	HOT	1.10	1.45	32.22	3.68	11635	7565	0.0496	0.0459	0.0355	0.0019	0.0070	0.0272	0.0081	0.0040	0.0006	0.0046	0.0095
156	2035	ALT3	EB	PM	HOT	1.10	1.45	32.22	3.68	11635	7565	0.0496	0.0459	0.0355	0.0019	0.0070	0.0272	0.0081	0.0040	0.0006	0.0046	0.0095
157	2035	ALT3	EB	PM	HOT	1.10	1.45	32.22	3.68	11635	7565	0.0496	0.0459	0.0355	0.0019	0.0070	0.0272	0.0081	0.0040	0.0006	0.0046	0.0095
158	2035	ALT3	EB	PM	HOT	1.10	1.45	32.22	3.68	11635	7565	0.0496	0.0459	0.0355	0.0019	0.0070	0.0272	0.0081	0.0040	0.0006	0.0046	0.0095
159	2035	ALT3	EB	PM	HOT	1.10	1.45	32.22	3.68	11635	7565	0.0496	0.0459	0.0355	0.0019	0.0070	0.0272	0.0081	0.0040	0.0006	0.0046	0.0095
160	2035	ALT3	EB	PM	HOT	1.10	1.45	32.22	3.68	11635	7565	0.0496	0.0459	0.0355	0.0019	0.0070	0.0272	0.0081	0.0040	0.0006	0.0046	0.0095
161	2035	ALT3	EB	PM	HOT	0.21	0.28	6.90	0.75	2357	1533	0.0101	0.0094	0.0068	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0009	0.0021
162	2035	ALT3	EB	PM	HOT	0.21	0.28	6.90	0.75	2357	1533	0.0101	0.0094	0.0068	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0009	0.0021
163	2035	ALT3	EB	PM	HOT	0.21	0.28	6.90	0.75	2357	1533	0.0101	0.0094	0.0068	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0009	0.0021
164	2035	ALT3	EB	PM	HOT	0.21	0.28	6.90	0.75	2357	1533	0.0101	0.0094	0.0068	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0009	0.0021
165	2035	ALT3	EB	PM	HOT	0.21	0.28	6.90	0.75	2357	1533	0.0101	0.0094	0.0068	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0009	0.0021
166	2035	ALT3	EB	PM	HOT	0.21	0.28	6.90	0.75	2357	1533	0.0101	0.0094	0.0068	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0009	0.0021
167	2035	ALT3	EB	PM	HOT	0.21	0.28	6.90	0.75	2357	1533	0.0101	0.0094	0.0068	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0009	0.0021
168	2035	ALT3	EB	PM	HOT	0.21	0.28	6.90	0.75	2357	1533	0.0101	0.0094	0.0068	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0009	0.0021
169	2035	ALT3	EB	PM	HOT	0.21	0.28	6.90	0.75	2357	1533	0.0101	0.0094	0.0068	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0009	0.0021
170	2035	ALT3	EB	PM	HOT	0.21	0.28	6.90	0.75	2357	1533	0.0101	0.0094	0.0068	0.0004	0.0013	0.0052	0.0016	0.0008	0.0001	0.0009	0.0021

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
171	2035	ALT3	EB	PM	HOT	0.05	0.07	1.50	0.17	535	348	0.0023	0.0021	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
172	2035	ALT3	EB	PM	HOT	0.05	0.07	1.50	0.17	535	348	0.0023	0.0021	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
173	2035	ALT3	EB	PM	HOT	0.05	0.07	1.50	0.17	535	348	0.0023	0.0021	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
174	2035	ALT3	EB	PM	HOT	0.05	0.07	1.50	0.17	535	348	0.0023	0.0021	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
175	2035	ALT3	EB	PM	HOT	0.05	0.07	1.50	0.17	535	348	0.0023	0.0021	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
176	2035	ALT3	EB	PM	HOT	0.05	0.07	1.50	0.17	535	348	0.0023	0.0021	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
177	2035	ALT3	EB	PM	HOT	0.05	0.07	1.50	0.17	535	348	0.0023	0.0021	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
178	2035	ALT3	EB	PM	HOT	0.05	0.07	1.50	0.17	535	348	0.0023	0.0021	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
179	2035	ALT3	EB	PM	HOT	0.20	0.26	5.90	0.67	2106	1369	0.0090	0.0083	0.0063	0.0003	0.0012	0.0049	0.0015	0.0007	0.0001	0.0008	0.0017
180	2035	ALT3	EB	PM	HOT	0.20	0.26	5.90	0.67	2106	1369	0.0090	0.0083	0.0063	0.0003	0.0012	0.0049	0.0015	0.0007	0.0001	0.0008	0.0017
181	2035	ALT3	EB	PM	HOT	0.18	0.23	4.94	0.57	1822	1184	0.0078	0.0072	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
182	2035	ALT3	EB	PM	HOT	0.18	0.23	4.94	0.57	1822	1184	0.0078	0.0072	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
183	2035	ALT3	EB	PM	HOT	0.18	0.23	4.94	0.57	1822	1184	0.0078	0.0072	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
184	2035	ALT3	EB	PM	HOT	0.18	0.23	4.94	0.57	1822	1184	0.0078	0.0072	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
185	2035	ALT3	EB	PM	HOT	0.18	0.23	4.94	0.57	1822	1184	0.0078	0.0072	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
186	2035	ALT3	EB	PM	HOT	0.18	0.23	4.94	0.57	1822	1184	0.0078	0.0072	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
187	2035	ALT3	EB	PM	HOT	0.18	0.23	4.94	0.57	1822	1184	0.0078	0.0072	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
188	2035	ALT3	EB	PM	HOT	0.18	0.23	4.94	0.57	1822	1184	0.0078	0.0072	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
189	2035	ALT3	EB	PM	HOT	0.18	0.23	4.94	0.57	1822	1184	0.0078	0.0072	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
190	2035	ALT3	EB	PM	HOT	0.18	0.23	4.94	0.57	1822	1184	0.0078	0.0072	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
191	2035	ALT3	EB	PM	HOT	0.43	0.57	13.13	1.48	4662	3031	0.0199	0.0184	0.0140	0.0008	0.0028	0.0107	0.0032	0.0016	0.0002	0.0018	0.0039
192	2035	ALT3	EB	PM	HOT	0.43	0.57	13.13	1.48	4662	3031	0.0199	0.0184	0.0140	0.0008	0.0028	0.0107	0.0032	0.0016	0.0002	0.0018	0.0039
193	2035	ALT3	EB	PM	HOT	0.43	0.57	13.13	1.48	4662	3031	0.0199	0.0184	0.0140	0.0008	0.0028	0.0107	0.0032	0.0016	0.0002	0.0018	0.0039
194	2035	ALT3	EB	PM	HOT	0.43	0.57	13.13	1.48	4662	3031	0.0199	0.0184	0.0140	0.0008	0.0028	0.0107	0.0032	0.0016	0.0002	0.0018	0.0039
195	2035	ALT3	EB	PM	HOT	0.43	0.57	13.13	1.48	4662	3031	0.0199	0.0184	0.0140	0.0008	0.0028	0.0107	0.0032	0.0016	0.0002	0.0018	0.0039
196	2035	ALT3	EB	PM	HOT	0.43	0.57	13.13	1.48	4662	3031	0.0199	0.0184	0.0140	0.0008	0.0028	0.0107	0.0032	0.0016	0.0002	0.0018	0.0039
197	2035	ALT3	EB	PM	HOT	0.43	0.57	13.13	1.48	4662	3031	0.0199	0.0184	0.0140	0.0008	0.0028	0.0107	0.0032	0.0016	0.0002	0.0018	0.0039
198	2035	ALT3	EB	PM	HOT	0.43	0.57	13.13	1.48	4662	3031	0.0199	0.0184	0.0140	0.0008	0.0028	0.0107	0.0032	0.0016	0.0002	0.0018	0.0039
199	2035	ALT3	EB	PM	HOT	0.07	0.09	2.06	0.23	726	472	0.0031	0.0029	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
200	2035	ALT3	EB	PM	HOT	0.07	0.09	2.06	0.23	726	472	0.0031	0.0029	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
201	2035	ALT3	EB	PM	HOT	0.07	0.09	2.06	0.23	726	472	0.0031	0.0029	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
202	2035	ALT3	EB	PM	HOT	0.07	0.09	2.06	0.23	726	472	0.0031	0.0029	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
203	2035	ALT3	EB	PM	HOT	0.07	0.09	2.06	0.23	726	472	0.0031	0.0029	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
204	2035	ALT3	EB	PM	HOT	0.07	0.09	2.32	0.25	766	498	0.0034	0.0031	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0007
205	2035	ALT3	EB	PM	HOT	0.07	0.09	2.32	0.25	766	498	0.0034	0.0031	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0007
206	2035	ALT3	EB	PM	HOT	0.07	0.09	2.32	0.25	766	498	0.0034	0.0031	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0007
207	2035	ALT3	EB	PM	HOT	0.07	0.09	2.32	0.25	766	498	0.0034	0.0031	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0007
208	2035	ALT3	EB	PM	HOT	0.07	0.09	2.32	0.25	766	498	0.0034	0.0031	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0007
209	2035	ALT3	EB	PM	HOT	0.07	0.09	2.32	0.25	766	498	0.0034	0.0031	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0007
210	2035	ALT3	EB	PM	HOT	0.04	0.06	1.57	0.16	512	333	0.0023	0.0021	0.0014	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0005
211	2035	ALT3	EB	PM	HOT	0.04	0.06	1.57	0.16	512	333	0.0023	0.0021	0.0014	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0005
212	2035	ALT3	EB	PM	HOT	0.04	0.06	1.57	0.16	512	333	0.0023	0.0021	0.0014	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0005
213	2035	ALT3	EB	PM	HOT	0.04	0.06	1.57	0.16	512	333	0.0023	0.0021	0.0014	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0005
214	2035	ALT3	EB	PM	HOV																	
215	2035	ALT3	EB	PM	HOV																	
1	2035	ALT3	EB	NT	Mainline	1.15	1.41	20.21	9.99	13089	10361	0.4316	0.3973	0.0318	0.0011	0.0480	0.1033	0.0057	0.0025	0.0020	0.4095	0.6036
2	2035	ALT3	EB	NT	Mainline	2.94	3.60	51.12	26.22	33757	26860	1.1456	1.0544	0.0812	0.0027	0.1264	0.2713	0.0144	0.0062	0.0054	1.0907	1.5982
3	2035	ALT3	EB	NT	Mainline	0.13	0.16	2.32	1.15	1510	1195	0.0508	0.0467	0.0037	0.0001	0.0055	0.0118	0.0007	0.0003	0.0002	0.0482	0.0688

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
4	2035	ALT3	EB	NT	Mainline	2.42	2.95	41.29	22.15	27915	22348	0.9785	0.9006	0.0662	0.0021	0.1073	0.2292	0.0116	0.0050	0.0045	0.9352	1.3626
5	2035	ALT3	EB	NT	Mainline	0.94	1.15	16.35	8.21	10691	8474	0.3623	0.3335	0.0261	0.0009	0.0391	0.0842	0.0047	0.0020	0.0017	0.3444	0.4911
6	2035	ALT3	EB	NT	Mainline	1.45	1.77	24.73	13.34	16773	13435	0.5944	0.5471	0.0398	0.0013	0.0643	0.1375	0.0070	0.0030	0.0028	0.5684	0.8170
7	2035	ALT3	EB	NT	Mainline	2.13	2.61	37.36	18.78	24410	19369	0.8151	0.7502	0.0590	0.0020	0.0904	0.1944	0.0105	0.0046	0.0038	0.7746	1.1401
8	2035	ALT3	EB	NT	Mainline	2.61	3.18	43.50	25.10	30582	24729	1.1275	1.0377	0.0709	0.0021	0.1224	0.2597	0.0121	0.0052	0.0052	1.0838	1.5677
9	2035	ALT3	EB	NT	Mainline	2.17	2.65	36.93	20.03	25111	20134	0.8866	0.8159	0.0594	0.0019	0.0971	0.2073	0.0103	0.0045	0.0041	0.8480	1.2357
10	2035	ALT3	EB	NT	Mainline	0.69	0.83	11.42	6.62	8046	6509	0.2977	0.2740	0.0186	0.0006	0.0323	0.0684	0.0032	0.0014	0.0014	0.2863	0.4133
11	2035	ALT3	EB	NT	Mainline	1.39	1.69	23.70	12.72	16028	12832	0.5621	0.5174	0.0380	0.0012	0.0616	0.1316	0.0066	0.0029	0.0026	0.5373	0.7826
12	2035	ALT3	EB	NT	Mainline	0.98	1.20	16.60	9.16	11397	9159	0.4085	0.3759	0.0268	0.0008	0.0444	0.0947	0.0046	0.0020	0.0019	0.3913	0.5661
13	2035	ALT3	EB	NT	Mainline	0.84	1.03	14.52	7.39	9566	7591	0.3317	0.3053	0.0234	0.0008	0.0349	0.0752	0.0042	0.0018	0.0016	0.3158	0.4380
14	2035	ALT3	EB	NT	Mainline	1.31	1.59	21.70	12.47	15219	12289	0.5699	0.5245	0.0356	0.0011	0.0600	0.1275	0.0061	0.0026	0.0026	0.5479	0.7653
15	2035	ALT3	EB	NT	Mainline	1.69	2.06	29.09	15.14	19368	15435	0.6705	0.6171	0.0466	0.0015	0.0726	0.1559	0.0082	0.0036	0.0031	0.6393	0.9184
16	2035	ALT3	EB	NT	Mainline	0.99	1.22	17.29	8.74	11338	8999	0.3840	0.3534	0.0275	0.0009	0.0418	0.0900	0.0049	0.0021	0.0018	0.3652	0.5266
17	2035	ALT3	EB	NT	Mainline	1.71	2.09	29.52	15.51	19732	15757	0.6775	0.6235	0.0470	0.0015	0.0753	0.1610	0.0082	0.0036	0.0032	0.6462	0.9552
18	2035	ALT3	EB	NT	Mainline	1.37	1.68	24.12	11.87	15607	12339	0.5190	0.4777	0.0382	0.0013	0.0565	0.1221	0.0069	0.0030	0.0024	0.4924	0.7095
19	2035	ALT3	EB	NT	Mainline	1.03	1.26	18.10	8.76	11623	9163	0.3854	0.3547	0.0287	0.0010	0.0413	0.0896	0.0052	0.0023	0.0018	0.3651	0.5168
20	2035	ALT3	EB	NT	Mainline	2.25	2.76	39.37	19.66	25662	20329	0.8638	0.7950	0.0626	0.0021	0.0937	0.2020	0.0112	0.0049	0.0041	0.8206	1.1777
21	2035	ALT3	EB	NT	Mainline	0.24	0.30	4.27	2.04	2727	2146	0.0897	0.0826	0.0068	0.0002	0.0096	0.0209	0.0012	0.0005	0.0004	0.0849	0.1201
22	2035	ALT3	EB	NT	Mainline	0.74	0.92	14.04	5.08	7904	5971	0.2091	0.1925	0.0215	0.0009	0.0227	0.0514	0.0042	0.0018	0.0010	0.1913	0.2681
23	2035	ALT3	EB	NT	Mainline	0.76	0.94	14.25	5.42	8194	6238	0.2260	0.2080	0.0219	0.0009	0.0245	0.0550	0.0043	0.0018	0.0011	0.2083	0.2937
24	2035	ALT3	EB	NT	Mainline	0.66	0.83	12.80	4.35	7016	5255	0.1750	0.1612	0.0194	0.0008	0.0192	0.0440	0.0039	0.0017	0.0009	0.1586	0.2245
25	2035	ALT3	EB	NT	Mainline	0.44	0.55	8.55	2.87	4667	3488	0.1154	0.1063	0.0130	0.0005	0.0126	0.0290	0.0026	0.0011	0.0006	0.1044	0.1469
26	2035	ALT3	EB	NT	Mainline	3.89	4.87	75.29	24.47	40672	30245	0.9811	0.9034	0.1146	0.0049	0.1065	0.2465	0.0231	0.0098	0.0050	0.8822	1.2234
27	2035	ALT3	EB	NT	Mainline	2.93	3.67	56.41	18.33	30519	22687	0.7387	0.6802	0.0863	0.0037	0.0796	0.1845	0.0174	0.0074	0.0038	0.6643	0.9126
28	2035	ALT3	EB	NT	Mainline	1.60	1.99	30.44	10.39	16785	12570	0.4250	0.3913	0.0467	0.0020	0.0457	0.1048	0.0093	0.0040	0.0021	0.3855	0.5312
29	2035	ALT3	EB	NT	Mainline	1.05	1.32	20.25	6.60	10974	8161	0.2667	0.2456	0.0310	0.0013	0.0287	0.0665	0.0063	0.0027	0.0014	0.2400	0.3290
30	2035	ALT3	EB	NT	Mainline	1.81	2.26	34.72	11.36	18848	14025	0.4600	0.4235	0.0532	0.0023	0.0494	0.1144	0.0107	0.0046	0.0023	0.4142	0.5673
31	2035	ALT3	EB	NT	Mainline	1.33	1.66	25.53	8.26	13796	10249	0.3330	0.3066	0.0391	0.0017	0.0358	0.0832	0.0079	0.0033	0.0017	0.2992	0.4103
32	2035	ALT3	EB	NT	Mainline	1.46	1.82	27.84	9.47	15323	11469	0.3864	0.3558	0.0427	0.0018	0.0416	0.0955	0.0085	0.0036	0.0020	0.3503	0.4833
33	2035	ALT3	EB	NT	Mainline	1.34	1.68	25.88	8.52	14049	10468	0.3429	0.3157	0.0394	0.0017	0.0372	0.0859	0.0079	0.0034	0.0017	0.3090	0.4293
34	2035	ALT3	EB	NT	Mainline	1.59	1.98	30.17	10.75	16884	12728	0.4413	0.4063	0.0462	0.0019	0.0478	0.1087	0.0091	0.0039	0.0022	0.4029	0.5637
35	2035	ALT3	EB	NT	Mainline	0.84	1.05	16.18	5.41	8842	6603	0.2192	0.2018	0.0247	0.0010	0.0237	0.0546	0.0050	0.0021	0.0011	0.1981	0.2745
36	2035	ALT3	EB	NT	Mainline	1.01	1.26	19.38	6.48	10592	7909	0.2625	0.2417	0.0296	0.0012	0.0284	0.0654	0.0059	0.0025	0.0013	0.2373	0.3289
37	2035	ALT3	EB	NT	Mainline	1.36	1.70	26.11	8.73	14266	10653	0.3536	0.3256	0.0399	0.0017	0.0382	0.0881	0.0080	0.0034	0.0018	0.3196	0.4429
38	2035	ALT3	EB	NT	Mainline	1.97	2.45	37.38	13.26	20896	15741	0.5450	0.5018	0.0573	0.0023	0.0589	0.1340	0.0113	0.0048	0.0027	0.4973	0.6932
39	2035	ALT3	EB	NT	Mainline	1.95	2.43	37.12	12.78	20528	15390	0.5232	0.4817	0.0570	0.0024	0.0562	0.1288	0.0114	0.0048	0.0026	0.4752	0.6557
40	2035	ALT3	EB	NT	Mainline	1.31	1.63	24.56	8.82	13832	10432	0.3671	0.3380	0.0380	0.0016	0.0391	0.0890	0.0075	0.0032	0.0018	0.3357	0.4603
41	2035	ALT3	EB	NT	Mainline	0.49	0.62	9.45	3.22	5203	3894	0.1312	0.1208	0.0145	0.0006	0.0141	0.0324	0.0029	0.0012	0.0007	0.1189	0.1641
42	2035	ALT3	EB	NT	Mainline	1.47	1.83	27.68	10.14	15682	11867	0.4210	0.3876	0.0426	0.0017	0.0453	0.1025	0.0084	0.0036	0.0021	0.3860	0.5368
43	2035	ALT3	EB	NT	Mainline	0.62	0.77	11.70	4.11	6524	4906	0.1695	0.1561	0.0180	0.0007	0.0182	0.0415	0.0036	0.0015	0.0008	0.1545	0.2129
44	2035	ALT3	EB	NT	Mainline	0.98	1.22	18.50	6.50	10316	7758	0.2680	0.2468	0.0285	0.0012	0.0287	0.0656	0.0057	0.0024	0.0013	0.2442	0.3366
45	2035	ALT3	EB	NT	Mainline	0.43	0.54	8.25	2.85	4570	3429	0.1170	0.1077	0.0127	0.0005	0.0126	0.0288	0.0025	0.0011	0.0006	0.1063	0.1467
46	2035	ALT3	EB	NT	Mainline	1.17	1.46	22.19	8.01	12497	9437	0.3313	0.3050	0.0341	0.0014	0.0357	0.0810	0.0067	0.0029	0.0017	0.3031	0.4216
47	2035	ALT3	EB	NT	Mainline	0.06	0.08	1.23	0.43	687	516	0.0178	0.0164	0.0019	0.0001	0.0019	0.0044	0.0004	0.0002	0.0001	0.0163	0.0224
48	2035	ALT3	EB	NT	Mainline	1.33	1.65	24.85	9.11	14109	10675	0.3811	0.3509	0.0385	0.0016	0.0406	0.0920	0.0076	0.0032	0.0019	0.3496	0.4805
49	2035	ALT3	EB	NT	Mainline	0.11	0.14	2.06	0.74	1157	873	0.0305	0.0281	0.0032	0.0001	0.0033	0.0074	0.0006	0.0003	0.0002	0.0279	0.0386
50	2035	ALT3	EB	NT	Mainline	1.88	2.34	35.33	13.25	20215	15351	0.5533	0.5094	0.0545	0.0022	0.0595	0.1341	0.0106	0.0045	0.0027	0.5090	0.7093
51	2035	ALT3	EB	NT	Mainline	0.33	0.42	6.50	2.07	3473	2575	0.0816	0.0752	0.0098	0.0004	0.0090	0.0208	0.0020	0.0008	0.0004	0.0731	0.1026

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
52	2035	ALT3	EB	NT	Mainline	0.51	0.65	10.16	3.09	5338	3933	0.1201	0.1106	0.0152	0.0007	0.0133	0.0311	0.0031	0.0013	0.0006	0.1065	0.1500
53	2035	ALT3	EB	NT	Mainline	0.38	0.48	7.54	2.38	4011	2972	0.0932	0.0858	0.0113	0.0005	0.0103	0.0240	0.0023	0.0010	0.0005	0.0833	0.1183
54	2035	ALT3	EB	NT	Mainline	2.17	2.71	43.13	13.66	22873	16970	0.5278	0.4860	0.0637	0.0027	0.0597	0.1380	0.0128	0.0055	0.0027	0.4716	0.6874
55	2035	ALT3	EB	NT	Mainline	1.03	1.30	20.46	6.32	10786	7968	0.2450	0.2256	0.0305	0.0013	0.0273	0.0636	0.0062	0.0027	0.0013	0.2180	0.3106
56	2035	ALT3	EB	NT	Mainline	1.25	1.57	24.44	8.29	13349	10000	0.3301	0.3039	0.0367	0.0015	0.0367	0.0839	0.0073	0.0031	0.0017	0.2988	0.4299
57	2035	ALT3	EB	NT	Mainline	0.69	0.87	13.35	4.38	7244	5393	0.1768	0.1628	0.0204	0.0009	0.0190	0.0441	0.0041	0.0017	0.0009	0.1592	0.2191
58	2035	ALT3	EB	NT	Mainline	2.40	3.00	45.98	15.69	25325	18965	0.6392	0.5886	0.0704	0.0029	0.0690	0.1583	0.0140	0.0060	0.0032	0.5797	0.8035
59	2035	ALT3	EB	NT	Mainline	0.62	0.77	11.93	3.81	6411	4755	0.1527	0.1406	0.0182	0.0008	0.0165	0.0384	0.0037	0.0016	0.0008	0.1369	0.1885
60	2035	ALT3	EB	NT	Mainline	2.62	3.28	50.64	16.48	27370	20358	0.6609	0.6086	0.0771	0.0033	0.0718	0.1661	0.0155	0.0066	0.0034	0.5944	0.8252
61	2035	ALT3	EB	NT	Mainline	0.61	0.77	12.03	3.59	6301	4628	0.1401	0.1291	0.0182	0.0008	0.0153	0.0361	0.0037	0.0016	0.0007	0.1239	0.1709
62	2035	ALT3	EB	NT	Mainline	1.24	1.56	24.12	7.52	12844	9491	0.2987	0.2750	0.0367	0.0016	0.0323	0.0756	0.0075	0.0032	0.0015	0.2665	0.3662
63	2035	ALT3	EB	NT	Mainline	0.50	0.62	9.57	3.18	5217	3890	0.1285	0.1183	0.0146	0.0006	0.0139	0.0320	0.0029	0.0012	0.0007	0.1159	0.1602
64	2035	ALT3	EB	NT	Mainline	1.60	2.00	30.55	10.73	16996	12785	0.4385	0.4037	0.0467	0.0019	0.0476	0.1084	0.0092	0.0040	0.0022	0.3994	0.5589
65	2035	ALT3	EB	NT	Mainline	0.52	0.66	10.15	3.39	5529	4129	0.1360	0.1252	0.0154	0.0006	0.0149	0.0342	0.0031	0.0013	0.0007	0.1228	0.1725
66	2035	ALT3	EB	NT	Mainline	0.16	0.20	3.10	1.05	1701	1273	0.0427	0.0393	0.0047	0.0002	0.0046	0.0106	0.0009	0.0004	0.0002	0.0387	0.0540
67	2035	ALT3	EB	NT	Mainline	1.21	1.51	22.94	8.43	12997	9844	0.3480	0.3204	0.0351	0.0014	0.0378	0.0854	0.0069	0.0029	0.0017	0.3191	0.4498
68	2035	ALT3	EB	NT	Mainline	0.89	1.10	16.82	5.94	9390	7069	0.2443	0.2249	0.0258	0.0011	0.0264	0.0600	0.0051	0.0022	0.0012	0.2228	0.3099
69	2035	ALT3	EB	NT	Mainline	2.06	2.56	38.23	15.11	22360	17113	0.6380	0.5873	0.0592	0.0023	0.0687	0.1533	0.0114	0.0049	0.0031	0.5911	0.8281
70	2035	ALT3	EB	NT	Mainline	1.24	1.54	22.97	8.83	13309	10137	0.3750	0.3453	0.0358	0.0014	0.0396	0.0891	0.0070	0.0030	0.0018	0.3463	0.4732
71	2035	ALT3	EB	NT	Mainline	1.50	1.85	26.64	12.20	16692	13044	0.5401	0.4971	0.0424	0.0015	0.0565	0.1236	0.0079	0.0034	0.0026	0.5092	0.6974
72	2035	ALT3	EB	NT	Mainline	1.44	1.78	25.93	11.20	15828	12261	0.4916	0.4525	0.0411	0.0015	0.0512	0.1131	0.0078	0.0033	0.0024	0.4606	0.6256
73	2035	ALT3	EB	NT	Ramp	0.03	0.04	0.84	0.12	328	223	0.0026	0.0024	0.0009	0.0000	0.0005	0.0014	0.0002	0.0001	0.0000	0.0011	0.0057
74	2035	ALT3	EB	NT	Ramp	0.03	0.04	0.58	0.11	274	190	0.0027	0.0025	0.0009	0.0000	0.0008	0.0018	0.0002	0.0001	0.0000	0.0013	0.0088
75	2035	ALT3	EB	NT	Ramp	0.04	0.06	1.13	0.17	460	313	0.0038	0.0035	0.0013	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0016	0.0088
76	2035	ALT3	EB	NT	Ramp	0.08	0.11	1.60	0.26	740	503	0.0066	0.0061	0.0024	0.0001	0.0017	0.0041	0.0005	0.0004	0.0001	0.0023	0.0186
77	2035	ALT3	EB	NT	Ramp	0.06	0.08	1.64	0.23	657	443	0.0051	0.0048	0.0019	0.0001	0.0010	0.0026	0.0004	0.0003	0.0000	0.0018	0.0098
78	2035	ALT3	EB	NT	Ramp	0.06	0.09	1.21	0.21	574	393	0.0053	0.0049	0.0019	0.0001	0.0015	0.0037	0.0004	0.0003	0.0000	0.0021	0.0177
79	2035	ALT3	EB	NT	Ramp	0.10	0.14	2.36	0.34	1028	693	0.0085	0.0079	0.0031	0.0002	0.0016	0.0043	0.0007	0.0005	0.0001	0.0028	0.0161
80	2035	ALT3	EB	NT	Ramp	0.12	0.17	2.57	0.41	1186	807	0.0106	0.0098	0.0038	0.0002	0.0027	0.0066	0.0008	0.0006	0.0001	0.0038	0.0294
81	2035	ALT3	EB	NT	Ramp	0.13	0.17	3.54	0.58	1402	964	0.0121	0.0112	0.0039	0.0002	0.0028	0.0068	0.0008	0.0005	0.0001	0.0060	0.0305
82	2035	ALT3	EB	NT	Ramp	0.09	0.12	2.02	0.31	897	607	0.0077	0.0071	0.0028	0.0001	0.0016	0.0042	0.0006	0.0004	0.0001	0.0026	0.0170
83	2035	ALT3	EB	NT	Ramp	0.03	0.03	0.53	0.16	262	196	0.0036	0.0033	0.0007	0.0000	0.0011	0.0024	0.0001	0.0001	0.0000	0.0028	0.0142
84	2035	ALT3	EB	NT	Ramp	0.03	0.04	0.94	0.14	355	241	0.0028	0.0026	0.0010	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0012	0.0059
85	2035	ALT3	EB	NT	Ramp	0.13	0.18	3.68	0.71	1482	1045	0.0151	0.0139	0.0040	0.0002	0.0037	0.0086	0.0008	0.0005	0.0001	0.0096	0.0434
86	2035	ALT3	EB	NT	Ramp	0.14	0.19	3.21	0.80	1481	1073	0.0174	0.0161	0.0042	0.0002	0.0051	0.0113	0.0008	0.0005	0.0001	0.0119	0.0629
87	2035	ALT3	EB	NT	Ramp	0.05	0.07	1.03	0.19	486	336	0.0047	0.0044	0.0016	0.0001	0.0013	0.0031	0.0003	0.0002	0.0000	0.0021	0.0155
88	2035	ALT3	EB	NT	Ramp	0.05	0.06	0.99	0.29	479	354	0.0063	0.0058	0.0013	0.0000	0.0019	0.0042	0.0002	0.0001	0.0000	0.0047	0.0241
89	2035	ALT3	EB	NT	Ramp	0.02	0.03	0.47	0.10	229	161	0.0024	0.0022	0.0007	0.0000	0.0008	0.0017	0.0001	0.0001	0.0000	0.0013	0.0091
90	2035	ALT3	EB	NT	Ramp	0.07	0.10	1.17	0.36	640	470	0.0082	0.0075	0.0021	0.0001	0.0032	0.0069	0.0004	0.0002	0.0001	0.0055	0.0405
91	2035	ALT3	EB	NT	Ramp	0.06	0.08	1.29	0.40	644	482	0.0089	0.0082	0.0018	0.0001	0.0028	0.0059	0.0003	0.0002	0.0001	0.0068	0.0351
92	2035	ALT3	EB	NT	Ramp	0.10	0.14	1.66	0.41	864	618	0.0098	0.0090	0.0030	0.0001	0.0039	0.0086	0.0006	0.0004	0.0001	0.0055	0.0489
93	2035	ALT3	EB	NT	Ramp	2.87	3.40	27.50	25.07	25533	21796	0.5992	0.5515	0.0700	0.0008	0.2041	0.4143	0.0087	0.0028	0.0028	0.5754	2.7437
94	2035	ALT3	EB	NT	Ramp	0.29	0.38	6.69	1.77	3071	2253	0.0389	0.0358	0.0084	0.0003	0.0111	0.0245	0.0016	0.0009	0.0002	0.0288	0.1391
95	2035	ALT3	EB	NT	Ramp	0.06	0.09	1.71	0.33	700	492	0.0069	0.0064	0.0019	0.0001	0.0018	0.0041	0.0004	0.0002	0.0001	0.0042	0.0206
96	2035	ALT3	EB	NT	Ramp	0.07	0.09	2.00	0.36	778	544	0.0075	0.0070	0.0021	0.0001	0.0017	0.0041	0.0004	0.0003	0.0001	0.0047	0.0200
97	2035	ALT3	EB	NT	Ramp	0.04	0.05	0.48	0.34	377	313	0.0079	0.0073	0.0011	0.0000	0.0028	0.0057	0.0001	0.0001	0.0000	0.0074	0.0371
98	2035	ALT3	EB	NT	Ramp	0.04	0.05	0.82	0.26	409	308	0.0058	0.0053	0.0011	0.0000	0.0018	0.0038	0.0002	0.0001	0.0000	0.0046	0.0228
99	2035	ALT3	EB	NT	Ramp	0.11	0.14	2.76	0.62	1179	848	0.0136	0.0125	0.0032	0.0001	0.0036	0.0080	0.0006	0.0004	0.0001	0.0095	0.0434

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
100	2035	ALT3	EB	NT	Ramp	0.10	0.13	2.48	0.51	1043	739	0.0109	0.0100	0.0029	0.0001	0.0029	0.0066	0.0006	0.0004	0.0001	0.0068	0.0342
101	2035	ALT3	EB	NT	Ramp	0.03	0.04	0.76	0.21	348	258	0.0047	0.0044	0.0009	0.0000	0.0013	0.0028	0.0002	0.0001	0.0000	0.0037	0.0160
102	2035	ALT3	EB	NT	Ramp	0.03	0.04	0.76	0.17	325	233	0.0036	0.0033	0.0009	0.0000	0.0010	0.0022	0.0002	0.0001	0.0000	0.0024	0.0117
103	2035	ALT3	EB	NT	Ramp	0.02	0.03	0.73	0.11	272	186	0.0023	0.0021	0.0007	0.0000	0.0005	0.0012	0.0002	0.0001	0.0000	0.0012	0.0051
104	2035	ALT3	EB	NT	Ramp	0.06	0.08	1.30	0.22	589	402	0.0053	0.0049	0.0018	0.0001	0.0012	0.0030	0.0004	0.0003	0.0000	0.0021	0.0133
105	2035	ALT3	EB	NT	Ramp	0.04	0.05	1.12	0.19	445	308	0.0040	0.0037	0.0012	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0021	0.0104
106	2035	ALT3	EB	NT	Ramp	0.01	0.01	0.21	0.03	93	62	0.0008	0.0007	0.0003	0.0000	0.0002	0.0004	0.0001	0.0000	0.0000	0.0002	0.0015
107	2035	ALT3	EB	NT	Ramp	0.09	0.12	2.24	0.42	945	661	0.0092	0.0085	0.0027	0.0001	0.0023	0.0055	0.0005	0.0004	0.0001	0.0051	0.0272
108	2035	ALT3	EB	NT	Ramp	0.07	0.10	1.61	0.23	715	480	0.0059	0.0054	0.0022	0.0001	0.0012	0.0031	0.0005	0.0004	0.0001	0.0017	0.0117
109	2035	ALT3	EB	NT	Ramp	0.07	0.09	1.78	0.32	723	503	0.0067	0.0062	0.0020	0.0001	0.0016	0.0039	0.0004	0.0003	0.0001	0.0037	0.0188
110	2035	ALT3	EB	NT	Ramp	0.06	0.09	1.42	0.24	642	439	0.0058	0.0054	0.0020	0.0001	0.0013	0.0033	0.0004	0.0003	0.0001	0.0024	0.0144
111	2035	ALT3	EB	NT	Ramp	0.02	0.03	0.59	0.11	234	165	0.0024	0.0022	0.0006	0.0000	0.0006	0.0013	0.0001	0.0001	0.0000	0.0015	0.0066
112	2035	ALT3	EB	NT	Ramp	0.10	0.14	2.11	0.38	975	673	0.0092	0.0085	0.0030	0.0001	0.0023	0.0056	0.0006	0.0005	0.0001	0.0041	0.0263
113	2035	ALT3	EB	NT	Ramp	0.07	0.10	2.06	0.30	811	550	0.0065	0.0060	0.0023	0.0001	0.0013	0.0035	0.0005	0.0003	0.0001	0.0026	0.0138
114	2035	ALT3	EB	NT	Ramp	0.06	0.09	1.46	0.22	652	440	0.0055	0.0051	0.0020	0.0001	0.0012	0.0030	0.0004	0.0003	0.0001	0.0018	0.0121
115	2035	ALT3	EB	NT	Ramp																	
116	2035	ALT3	EB	NT	Ramp	0.02	0.03	0.49	0.06	208	138	0.0016	0.0015	0.0006	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0004	0.0023
117	2035	ALT3	EB	NT	Ramp	0.05	0.06	1.20	0.22	499	348	0.0048	0.0044	0.0014	0.0001	0.0012	0.0028	0.0003	0.0002	0.0000	0.0026	0.0138
118	2035	ALT3	EB	NT	Ramp	0.03	0.04	0.69	0.10	303	204	0.0025	0.0023	0.0009	0.0000	0.0005	0.0013	0.0002	0.0002	0.0000	0.0008	0.0048
119	2035	ALT3	EB	NT	Ramp	0.05	0.07	1.42	0.21	547	371	0.0043	0.0040	0.0015	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0018	0.0092
120	2035	ALT3	EB	NT	Ramp	0.03	0.04	0.61	0.09	267	181	0.0023	0.0021	0.0008	0.0000	0.0005	0.0012	0.0002	0.0001	0.0000	0.0008	0.0047
121	2035	ALT3	EB	NT	Ramp	0.05	0.06	1.28	0.29	540	389	0.0063	0.0058	0.0014	0.0001	0.0016	0.0036	0.0003	0.0002	0.0000	0.0045	0.0195
122	2035	ALT3	EB	NT	Ramp	0.83	1.11	21.87	4.66	9143	6527	0.1002	0.0925	0.0248	0.0010	0.0258	0.0588	0.0048	0.0030	0.0007	0.0677	0.3102
123	2035	ALT3	EB	NT	Ramp	0.68	0.90	16.66	4.11	7367	5366	0.0908	0.0837	0.0200	0.0007	0.0246	0.0545	0.0037	0.0022	0.0006	0.0667	0.3035
124	2035	ALT3	EB	NT	Ramp	0.05	0.07	1.13	0.24	535	376	0.0055	0.0051	0.0016	0.0001	0.0015	0.0034	0.0003	0.0002	0.0000	0.0029	0.0173
125	2035	ALT3	EB	NT	Ramp	0.00	0.01	0.10	0.03	46	33	0.0006	0.0005	0.0001	0.0000	0.0002	0.0004	0.0000	0.0000	0.0000	0.0004	0.0021
126	2035	ALT3	EB	NT	Ramp	0.03	0.05	0.72	0.12	334	228	0.0030	0.0028	0.0011	0.0000	0.0008	0.0019	0.0002	0.0002	0.0000	0.0012	0.0087
127	2035	ALT3	EB	NT	Ramp	0.12	0.17	2.88	0.52	1292	893	0.0122	0.0113	0.0039	0.0002	0.0029	0.0071	0.0008	0.0006	0.0001	0.0057	0.0331
128	2035	ALT3	EB	NT	Ramp	0.01	0.02	0.38	0.04	160	105	0.0011	0.0011	0.0005	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0002	0.0010
129	2035	ALT3	EB	NT	Ramp	0.07	0.10	1.98	0.38	807	568	0.0081	0.0075	0.0022	0.0001	0.0020	0.0047	0.0004	0.0003	0.0001	0.0050	0.0238
130	2035	ALT3	EB	NT	Ramp	0.06	0.08	1.82	0.26	684	463	0.0052	0.0048	0.0019	0.0001	0.0010	0.0027	0.0004	0.0003	0.0000	0.0021	0.0106
131	2035	ALT3	EB	NT	Ramp	0.10	0.13	2.40	0.57	1046	757	0.0124	0.0114	0.0029	0.0001	0.0033	0.0075	0.0005	0.0003	0.0001	0.0088	0.0411
132	2035	ALT3	EB	NT	Ramp	0.05	0.06	1.43	0.19	528	355	0.0038	0.0035	0.0015	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0014	0.0069
133	2035	ALT3	EB	NT	Ramp	0.13	0.17	3.58	0.62	1416	983	0.0129	0.0119	0.0039	0.0002	0.0031	0.0074	0.0008	0.0005	0.0001	0.0071	0.0349
134	2035	ALT3	EB	NT	Ramp	0.25	0.34	7.19	1.17	2797	1926	0.0242	0.0223	0.0077	0.0004	0.0055	0.0135	0.0016	0.0011	0.0002	0.0123	0.0607
135	2035	ALT3	EB	NT	Ramp	0.10	0.13	2.62	0.50	1062	746	0.0105	0.0097	0.0029	0.0001	0.0026	0.0061	0.0006	0.0004	0.0001	0.0063	0.0306
136	2035	ALT3	EB	NT	Ramp	0.02	0.03	0.58	0.07	253	168	0.0020	0.0018	0.0008	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0005	0.0031
137	2035	ALT3	EB	NT	Ramp	0.66	0.85	12.27	4.49	6575	5032	0.1005	0.0926	0.0183	0.0005	0.0321	0.0681	0.0031	0.0017	0.0006	0.0826	0.4147
138	2035	ALT3	EB	NT	Ramp	0.03	0.05	0.88	0.14	365	250	0.0032	0.0029	0.0011	0.0000	0.0007	0.0018	0.0002	0.0002	0.0000	0.0014	0.0078
139	2035	ALT3	EB	NT	Ramp	0.05	0.08	1.30	0.18	572	382	0.0046	0.0042	0.0018	0.0001	0.0009	0.0023	0.0004	0.0003	0.0000	0.0012	0.0083
140	2035	ALT3	EB	NT	Ramp	0.11	0.16	3.13	0.43	1272	855	0.0099	0.0091	0.0037	0.0002	0.0018	0.0050	0.0008	0.0006	0.0001	0.0032	0.0179
141	2035	ALT3	EB	NT	Ramp	0.02	0.03	0.58	0.07	210	139	0.0014	0.0013	0.0006	0.0000	0.0002	0.0007	0.0001	0.0001	0.0000	0.0004	0.0018
142	2035	ALT3	EB	NT	Ramp	0.04	0.05	1.20	0.15	422	281	0.0028	0.0026	0.0011	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0009	0.0042
143	2035	ALT3	EB	NT	Ramp	0.04	0.05	1.27	0.15	454	301	0.0029	0.0027	0.0012	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0008	0.0039
144	2035	ALT3	EB	NT	HOT	0.18	0.24	4.20	0.48	1686	1096	0.0072	0.0067	0.0059	0.0003	0.0012	0.0045	0.0014	0.0006	0.0001	0.0007	0.0012
145	2035	ALT3	EB	NT	HOT	0.49	0.63	11.08	1.26	4449	2892	0.0190	0.0177	0.0155	0.0008	0.0031	0.0119	0.0036	0.0015	0.0002	0.0018	0.0031
146	2035	ALT3	EB	NT	HOT	0.02	0.03	0.48	0.05	192	125	0.0008	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0001
147	2035	ALT3	EB	NT	HOT	0.41	0.53	9.37	1.07	3762	2446	0.0161	0.0149	0.0131	0.0007	0.0026	0.0101	0.0030	0.0013	0.0002	0.0015	0.0027

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
148	2035	ALT3	EB	NT	HOT	0.15	0.19	3.41	0.39	1368	889	0.0059	0.0054	0.0048	0.0003	0.0009	0.0037	0.0011	0.0005	0.0001	0.0006	0.0010
149	2035	ALT3	EB	NT	HOT	0.25	0.32	5.62	0.64	2256	1466	0.0097	0.0090	0.0079	0.0004	0.0016	0.0060	0.0018	0.0008	0.0001	0.0009	0.0016
150	2035	ALT3	EB	NT	HOT	0.32	0.41	7.19	0.82	2893	1880	0.0124	0.0115	0.0101	0.0005	0.0020	0.0078	0.0023	0.0010	0.0001	0.0012	0.0020
151	2035	ALT3	EB	NT	HOT	0.43	0.55	9.71	1.11	3906	2539	0.0167	0.0155	0.0137	0.0007	0.0027	0.0105	0.0031	0.0013	0.0002	0.0016	0.0028
152	2035	ALT3	EB	NT	HOT	0.34	0.44	7.70	0.88	3097	2014	0.0133	0.0123	0.0108	0.0006	0.0021	0.0083	0.0025	0.0011	0.0002	0.0013	0.0022
153	2035	ALT3	EB	NT	HOT	0.09	0.12	2.10	0.24	854	555	0.0037	0.0034	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0003	0.0006
154	2035	ALT3	EB	NT	HOT	0.18	0.23	4.02	0.46	1633	1061	0.0070	0.0065	0.0058	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0011
155	2035	ALT3	EB	NT	HOT	0.13	0.17	2.99	0.34	1213	788	0.0052	0.0048	0.0043	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0008
156	2035	ALT3	EB	NT	HOT	0.11	0.14	2.35	0.27	955	621	0.0041	0.0038	0.0034	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0007
157	2035	ALT3	EB	NT	HOT	0.19	0.24	4.14	0.47	1680	1092	0.0072	0.0067	0.0059	0.0003	0.0012	0.0045	0.0014	0.0006	0.0001	0.0007	0.0012
158	2035	ALT3	EB	NT	HOT	0.21	0.28	4.77	0.54	1936	1258	0.0083	0.0077	0.0069	0.0004	0.0014	0.0052	0.0016	0.0007	0.0001	0.0008	0.0013
159	2035	ALT3	EB	NT	HOT	0.12	0.16	2.73	0.31	1107	719	0.0047	0.0044	0.0039	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0004	0.0008
160	2035	ALT3	EB	NT	HOT	0.23	0.30	5.09	0.58	2064	1341	0.0088	0.0082	0.0073	0.0004	0.0014	0.0056	0.0017	0.0007	0.0001	0.0008	0.0014
161	2035	ALT3	EB	NT	HOT	0.13	0.17	2.90	0.33	1173	762	0.0050	0.0047	0.0041	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0008
162	2035	ALT3	EB	NT	HOT	0.09	0.12	2.08	0.24	841	547	0.0036	0.0033	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0003	0.0006
163	2035	ALT3	EB	NT	HOT	0.22	0.28	4.93	0.56	1991	1294	0.0085	0.0079	0.0070	0.0004	0.0014	0.0054	0.0016	0.0007	0.0001	0.0008	0.0014
164	2035	ALT3	EB	NT	HOT	0.02	0.03	0.49	0.06	199	129	0.0009	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0001
165	2035	ALT3	EB	NT	HOT	0.10	0.13	2.31	0.26	932	606	0.0040	0.0037	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
166	2035	ALT3	EB	NT	HOT	0.13	0.16	2.85	0.32	1152	749	0.0049	0.0046	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0008
167	2035	ALT3	EB	NT	HOT	0.09	0.12	2.01	0.23	814	529	0.0035	0.0032	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0003	0.0006
168	2035	ALT3	EB	NT	HOT	0.06	0.08	1.31	0.15	528	343	0.0023	0.0021	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
169	2035	ALT3	EB	NT	HOT	0.53	0.68	11.88	1.35	4804	3123	0.0206	0.0191	0.0169	0.0009	0.0033	0.0130	0.0039	0.0016	0.0002	0.0020	0.0034
170	2035	ALT3	EB	NT	HOT	0.38	0.49	8.59	0.98	3471	2256	0.0149	0.0138	0.0122	0.0007	0.0024	0.0094	0.0028	0.0012	0.0002	0.0014	0.0024
171	2035	ALT3	EB	NT	HOT	0.23	0.29	5.10	0.58	2062	1341	0.0088	0.0082	0.0073	0.0004	0.0014	0.0056	0.0017	0.0007	0.0001	0.0008	0.0014
172	2035	ALT3	EB	NT	HOT	0.13	0.17	2.98	0.34	1207	785	0.0052	0.0048	0.0043	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0008
173	2035	ALT3	EB	NT	HOT	0.24	0.31	5.30	0.60	2144	1394	0.0092	0.0085	0.0076	0.0004	0.0015	0.0058	0.0017	0.0007	0.0001	0.0009	0.0015
174	2035	ALT3	EB	NT	HOT	0.17	0.22	3.75	0.43	1517	986	0.0065	0.0060	0.0054	0.0003	0.0011	0.0041	0.0012	0.0005	0.0001	0.0006	0.0011
175	2035	ALT3	EB	NT	HOT	0.20	0.26	4.48	0.51	1814	1179	0.0078	0.0072	0.0064	0.0003	0.0013	0.0049	0.0015	0.0006	0.0001	0.0007	0.0013
176	2035	ALT3	EB	NT	HOT	0.18	0.23	3.92	0.45	1586	1031	0.0068	0.0063	0.0056	0.0003	0.0011	0.0043	0.0013	0.0005	0.0001	0.0006	0.0011
177	2035	ALT3	EB	NT	HOT	0.24	0.31	5.33	0.61	2158	1403	0.0092	0.0086	0.0076	0.0004	0.0015	0.0058	0.0018	0.0007	0.0001	0.0009	0.0015
178	2035	ALT3	EB	NT	HOT	0.12	0.15	2.59	0.29	1047	681	0.0045	0.0042	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0004	0.0007
179	2035	ALT3	EB	NT	HOT	0.14	0.18	3.10	0.35	1254	815	0.0054	0.0050	0.0044	0.0002	0.0009	0.0034	0.0010	0.0004	0.0001	0.0005	0.0009
180	2035	ALT3	EB	NT	HOT	0.19	0.24	4.18	0.47	1690	1099	0.0072	0.0067	0.0060	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0007	0.0012
181	2035	ALT3	EB	NT	HOT	0.26	0.34	5.84	0.66	2370	1540	0.0101	0.0094	0.0084	0.0005	0.0017	0.0064	0.0019	0.0008	0.0001	0.0010	0.0016
182	2035	ALT3	EB	NT	HOT	0.25	0.32	5.48	0.62	2221	1444	0.0095	0.0088	0.0079	0.0004	0.0016	0.0060	0.0018	0.0008	0.0001	0.0009	0.0015
183	2035	ALT3	EB	NT	HOT	0.18	0.23	3.97	0.45	1610	1047	0.0069	0.0064	0.0057	0.0003	0.0011	0.0044	0.0013	0.0005	0.0001	0.0007	0.0011
184	2035	ALT3	EB	NT	HOT	0.06	0.08	1.37	0.16	557	362	0.0024	0.0022	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0002	0.0004
185	2035	ALT3	EB	NT	HOT	0.20	0.26	4.54	0.52	1842	1197	0.0079	0.0073	0.0065	0.0004	0.0013	0.0050	0.0015	0.0006	0.0001	0.0007	0.0013
186	2035	ALT3	EB	NT	HOT	0.08	0.10	1.79	0.20	728	473	0.0031	0.0029	0.0026	0.0001	0.0005	0.0020	0.0006	0.0002	0.0000	0.0003	0.0005
187	2035	ALT3	EB	NT	HOT	0.13	0.16	2.84	0.32	1150	748	0.0049	0.0046	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0008
188	2035	ALT3	EB	NT	HOT	0.06	0.07	1.24	0.14	502	326	0.0021	0.0020	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0003
189	2035	ALT3	EB	NT	HOT	0.16	0.21	3.65	0.41	1478	961	0.0063	0.0059	0.0052	0.0003	0.0010	0.0040	0.0012	0.0005	0.0001	0.0006	0.0010
190	2035	ALT3	EB	NT	HOT	0.01	0.01	0.19	0.02	78	51	0.0003	0.0003	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
191	2035	ALT3	EB	NT	HOT	0.19	0.25	4.23	0.48	1714	1114	0.0073	0.0068	0.0061	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0007	0.0012
192	2035	ALT3	EB	NT	HOT	0.02	0.02	0.34	0.04	137	89	0.0006	0.0005	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
193	2035	ALT3	EB	NT	HOT	0.30	0.38	6.57	0.75	2664	1732	0.0114	0.0106	0.0094	0.0005	0.0019	0.0072	0.0022	0.0009	0.0001	0.0011	0.0019
194	2035	ALT3	EB	NT	HOT	0.03	0.04	0.77	0.09	310	202	0.0013	0.0012	0.0011	0.0001	0.0002	0.0008	0.0003	0.0001	0.0000	0.0001	0.0002
195	2035	ALT3	EB	NT	HOT	0.04	0.05	0.90	0.10	367	238	0.0016	0.0015	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0001	0.0003

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
196	2035	ALT3	EB	NT	HOT	0.03	0.04	0.76	0.09	307	200	0.0013	0.0012	0.0011	0.0001	0.0002	0.0008	0.0003	0.0001	0.0000	0.0001	0.0002
197	2035	ALT3	EB	NT	HOT	0.20	0.26	4.41	0.50	1786	1161	0.0077	0.0071	0.0063	0.0003	0.0012	0.0048	0.0015	0.0006	0.0001	0.0007	0.0012
198	2035	ALT3	EB	NT	HOT	0.09	0.11	1.97	0.22	799	519	0.0034	0.0032	0.0028	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0003	0.0006
199	2035	ALT3	EB	NT	HOT	0.19	0.24	4.22	0.48	1704	1108	0.0073	0.0068	0.0060	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0007	0.0012
200	2035	ALT3	EB	NT	HOT	0.10	0.12	2.17	0.25	877	570	0.0038	0.0035	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0006
201	2035	ALT3	EB	NT	HOT	0.37	0.47	8.26	0.94	3333	2167	0.0143	0.0132	0.0117	0.0006	0.0023	0.0090	0.0027	0.0011	0.0002	0.0014	0.0023
202	2035	ALT3	EB	NT	HOT	0.09	0.11	1.92	0.22	774	503	0.0033	0.0031	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0005
203	2035	ALT3	EB	NT	HOT	0.39	0.50	8.79	1.00	3549	2307	0.0152	0.0141	0.0125	0.0007	0.0025	0.0096	0.0029	0.0012	0.0002	0.0014	0.0025
204	2035	ALT3	EB	NT	HOT	0.04	0.05	0.95	0.11	383	249	0.0016	0.0015	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
205	2035	ALT3	EB	NT	HOT	0.09	0.12	2.12	0.24	853	555	0.0037	0.0034	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0003	0.0006
206	2035	ALT3	EB	NT	HOT	0.04	0.05	0.95	0.11	385	250	0.0016	0.0015	0.0014	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
207	2035	ALT3	EB	NT	HOT	0.15	0.20	3.48	0.40	1402	911	0.0060	0.0056	0.0049	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0010
208	2035	ALT3	EB	NT	HOT	0.05	0.06	1.07	0.12	433	281	0.0019	0.0017	0.0015	0.0001	0.0003	0.0012	0.0003	0.0001	0.0000	0.0002	0.0003
209	2035	ALT3	EB	NT	HOT	0.01	0.02	0.27	0.03	110	71	0.0005	0.0004	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
210	2035	ALT3	EB	NT	HOT	0.11	0.14	2.43	0.28	978	636	0.0042	0.0039	0.0034	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0007
211	2035	ALT3	EB	NT	HOT	0.07	0.10	1.67	0.19	675	439	0.0029	0.0027	0.0024	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
212	2035	ALT3	EB	NT	HOT	0.20	0.26	4.48	0.51	1806	1174	0.0077	0.0072	0.0063	0.0003	0.0013	0.0049	0.0015	0.0006	0.0001	0.0007	0.0013
213	2035	ALT3	EB	NT	HOT	0.11	0.15	2.58	0.29	1040	676	0.0045	0.0041	0.0036	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0004	0.0007
214	2035	ALT3	EB	NT	HOV																	
215	2035	ALT3	EB	NT	HOV																	
216	2035	ALT3	WB	AM	Mainline	0.91	1.18	24.40	4.34	9921	6839	0.1073	0.0989	0.0283	0.0014	0.0153	0.0400	0.0061	0.0030	0.0007	0.0749	0.1461
217	2035	ALT3	WB	AM	Mainline	1.57	2.04	44.26	7.90	17572	12174	0.1893	0.1746	0.0483	0.0023	0.0292	0.0745	0.0103	0.0052	0.0013	0.1323	0.2963
218	2035	ALT3	WB	AM	Mainline	1.13	1.46	30.47	5.39	12309	8485	0.1318	0.1215	0.0349	0.0017	0.0190	0.0497	0.0075	0.0037	0.0009	0.0915	0.1829
219	2035	ALT3	WB	AM	Mainline	1.56	2.07	48.23	8.10	18092	12514	0.1706	0.1574	0.0481	0.0022	0.0325	0.0806	0.0101	0.0057	0.0013	0.1076	0.3464
220	2035	ALT3	WB	AM	Mainline	0.85	1.12	25.03	4.23	9665	6656	0.0959	0.0885	0.0264	0.0013	0.0152	0.0392	0.0057	0.0029	0.0007	0.0638	0.1511
221	2035	ALT3	WB	AM	Mainline	0.77	1.04	24.29	4.01	9038	6241	0.0828	0.0764	0.0240	0.0011	0.0161	0.0401	0.0050	0.0029	0.0006	0.0507	0.1724
222	2035	ALT3	WB	AM	Mainline	0.85	1.12	25.33	4.25	9706	6684	0.0948	0.0875	0.0264	0.0013	0.0154	0.0397	0.0056	0.0029	0.0007	0.0623	0.1550
223	2035	ALT3	WB	AM	Mainline	0.41	0.54	12.66	2.07	4714	3244	0.0432	0.0399	0.0126	0.0006	0.0078	0.0197	0.0027	0.0015	0.0003	0.0268	0.0801
224	2035	ALT3	WB	AM	Mainline	0.49	0.65	14.39	2.18	5450	3689	0.0458	0.0423	0.0154	0.0008	0.0068	0.0190	0.0034	0.0017	0.0003	0.0269	0.0586
225	2035	ALT3	WB	AM	Mainline	0.32	0.42	9.06	1.40	3486	2361	0.0301	0.0278	0.0100	0.0005	0.0044	0.0122	0.0022	0.0011	0.0002	0.0180	0.0374
226	2035	ALT3	WB	AM	Mainline	1.54	1.99	38.56	6.20	15758	10669	0.1459	0.1347	0.0482	0.0024	0.0195	0.0559	0.0107	0.0049	0.0011	0.0916	0.1543
227	2035	ALT3	WB	AM	Mainline	0.61	0.79	15.37	2.39	6227	4196	0.0541	0.0499	0.0192	0.0010	0.0073	0.0213	0.0043	0.0020	0.0004	0.0323	0.0543
228	2035	ALT3	WB	AM	Mainline	0.33	0.43	8.33	1.29	3370	2270	0.0290	0.0268	0.0104	0.0005	0.0039	0.0115	0.0023	0.0011	0.0002	0.0172	0.0289
229	2035	ALT3	WB	AM	Mainline	1.76	2.30	48.88	7.73	19090	12954	0.1711	0.1579	0.0551	0.0028	0.0245	0.0681	0.0121	0.0059	0.0013	0.1055	0.2097
230	2035	ALT3	WB	AM	Mainline	0.46	0.59	11.48	1.86	4691	3181	0.0441	0.0407	0.0143	0.0007	0.0059	0.0168	0.0032	0.0015	0.0003	0.0280	0.0477
231	2035	ALT3	WB	AM	Mainline	0.45	0.59	11.92	1.96	4798	3266	0.0460	0.0425	0.0141	0.0007	0.0064	0.0176	0.0031	0.0015	0.0003	0.0298	0.0546
232	2035	ALT3	WB	AM	Mainline	0.49	0.64	12.40	2.04	5080	3452	0.0491	0.0453	0.0154	0.0008	0.0066	0.0185	0.0034	0.0016	0.0004	0.0317	0.0544
233	2035	ALT3	WB	AM	Mainline	1.42	1.88	43.65	6.93	16313	11156	0.1462	0.1349	0.0443	0.0021	0.0242	0.0633	0.0095	0.0051	0.0011	0.0898	0.2354
234	2035	ALT3	WB	AM	Mainline	0.23	0.31	6.61	1.07	2576	1758	0.0242	0.0223	0.0073	0.0004	0.0036	0.0096	0.0016	0.0008	0.0002	0.0155	0.0323
235	2035	ALT3	WB	AM	Mainline	0.88	1.16	26.62	4.28	10052	6881	0.0923	0.0852	0.0275	0.0013	0.0149	0.0391	0.0059	0.0031	0.0007	0.0580	0.1446
236	2035	ALT3	WB	AM	Mainline	0.58	0.76	15.97	2.68	6353	4347	0.0628	0.0580	0.0182	0.0009	0.0090	0.0242	0.0040	0.0019	0.0004	0.0416	0.0825
237	2035	ALT3	WB	AM	Mainline	0.94	1.20	21.87	4.06	9483	6533	0.1122	0.1035	0.0290	0.0014	0.0142	0.0382	0.0063	0.0028	0.0007	0.0812	0.1273
238	2035	ALT3	WB	AM	Mainline	0.29	0.38	7.00	1.28	3005	2068	0.0348	0.0321	0.0091	0.0005	0.0044	0.0120	0.0020	0.0009	0.0002	0.0249	0.0399
239	2035	ALT3	WB	AM	Mainline	0.26	0.34	6.30	1.15	2692	1851	0.0307	0.0283	0.0082	0.0004	0.0040	0.0107	0.0018	0.0008	0.0002	0.0218	0.0354
240	2035	ALT3	WB	AM	Mainline	0.34	0.44	8.35	1.44	3495	2386	0.0364	0.0335	0.0106	0.0005	0.0048	0.0132	0.0023	0.0011	0.0003	0.0246	0.0407
241	2035	ALT3	WB	AM	Mainline	1.22	1.58	30.42	5.31	12680	8683	0.1348	0.1244	0.0380	0.0019	0.0179	0.0489	0.0083	0.0038	0.0009	0.0926	0.1581
242	2035	ALT3	WB	AM	Mainline	0.09	0.12	2.29	0.38	950	647	0.0095	0.0087	0.0029	0.0001	0.0013	0.0035	0.0006	0.0003	0.0001	0.0063	0.0104
243	2035	ALT3	WB	AM	Mainline	1.09	1.42	28.71	4.84	11627	7940	0.1159	0.1069	0.0341	0.0017	0.0160	0.0437	0.0075	0.0035	0.0008	0.0769	0.1414

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
244	2035	ALT3	WB	AM	Mainline	0.17	0.23	4.27	0.73	1782	1214	0.0181	0.0167	0.0054	0.0003	0.0024	0.0067	0.0012	0.0005	0.0001	0.0121	0.0200
245	2035	ALT3	WB	AM	Mainline	1.03	1.34	26.89	4.57	10933	7474	0.1106	0.1020	0.0321	0.0016	0.0152	0.0414	0.0070	0.0033	0.0008	0.0740	0.1354
246	2035	ALT3	WB	AM	Mainline	0.84	1.08	20.77	3.51	8618	5872	0.0870	0.0802	0.0262	0.0013	0.0115	0.0321	0.0058	0.0026	0.0006	0.0578	0.0969
247	2035	ALT3	WB	AM	Mainline	1.05	1.36	27.50	4.67	11166	7633	0.1127	0.1039	0.0327	0.0016	0.0155	0.0423	0.0072	0.0034	0.0008	0.0753	0.1383
248	2035	ALT3	WB	AM	Mainline	0.34	0.44	8.49	1.43	3519	2398	0.0354	0.0327	0.0107	0.0005	0.0047	0.0131	0.0024	0.0011	0.0002	0.0235	0.0394
249	2035	ALT3	WB	AM	Mainline	1.11	1.43	26.51	4.58	11206	7648	0.1178	0.1086	0.0345	0.0017	0.0152	0.0423	0.0076	0.0034	0.0008	0.0801	0.1277
250	2035	ALT3	WB	AM	Mainline	1.75	2.27	44.10	7.44	18174	12389	0.1825	0.1684	0.0547	0.0027	0.0244	0.0677	0.0120	0.0056	0.0013	0.1211	0.2080
251	2035	ALT3	WB	AM	Mainline	1.29	1.68	34.49	5.80	13873	9477	0.1375	0.1268	0.0403	0.0020	0.0192	0.0522	0.0088	0.0042	0.0010	0.0909	0.1712
252	2035	ALT3	WB	AM	Mainline	1.10	1.43	28.53	4.70	11559	7864	0.1113	0.1027	0.0344	0.0017	0.0152	0.0423	0.0076	0.0036	0.0008	0.0720	0.1289
253	2035	ALT3	WB	AM	Mainline	0.79	1.02	20.44	3.37	8279	5632	0.0797	0.0736	0.0246	0.0012	0.0109	0.0303	0.0054	0.0025	0.0006	0.0516	0.0923
254	2035	ALT3	WB	AM	Mainline	0.76	0.99	19.70	3.24	7980	5429	0.0768	0.0709	0.0237	0.0012	0.0105	0.0292	0.0052	0.0025	0.0006	0.0497	0.0890
255	2035	ALT3	WB	AM	Mainline	1.25	1.63	34.14	5.68	13565	9265	0.1320	0.1218	0.0390	0.0019	0.0188	0.0510	0.0085	0.0041	0.0009	0.0863	0.1698
256	2035	ALT3	WB	AM	Mainline	0.82	1.06	21.09	3.49	8565	5829	0.0830	0.0766	0.0255	0.0013	0.0113	0.0314	0.0056	0.0026	0.0006	0.0539	0.0960
257	2035	ALT3	WB	AM	Mainline	0.99	1.29	27.58	4.50	10816	7377	0.1022	0.0943	0.0309	0.0015	0.0148	0.0403	0.0067	0.0033	0.0007	0.0655	0.1337
258	2035	ALT3	WB	AM	Mainline	0.99	1.28	24.81	4.05	10171	6901	0.0969	0.0894	0.0310	0.0016	0.0129	0.0367	0.0068	0.0031	0.0007	0.0620	0.1050
259	2035	ALT3	WB	AM	Mainline	1.47	1.90	36.06	5.93	14921	10125	0.1438	0.1327	0.0459	0.0023	0.0190	0.0539	0.0102	0.0046	0.0010	0.0927	0.1523
260	2035	ALT3	WB	AM	Mainline	0.94	1.22	24.27	3.93	9825	6665	0.0919	0.0848	0.0295	0.0015	0.0125	0.0352	0.0065	0.0030	0.0007	0.0582	0.1025
261	2035	ALT3	WB	AM	Mainline	1.12	1.45	29.78	4.82	11894	8081	0.1110	0.1025	0.0350	0.0018	0.0154	0.0429	0.0077	0.0037	0.0008	0.0704	0.1307
262	2035	ALT3	WB	AM	Mainline	3.00	3.89	75.38	12.35	30909	20984	0.2959	0.2731	0.0940	0.0047	0.0395	0.1118	0.0208	0.0096	0.0021	0.1902	0.3228
263	2035	ALT3	WB	AM	Mainline	1.38	1.80	37.67	6.07	14887	10119	0.1376	0.1270	0.0432	0.0022	0.0194	0.0538	0.0095	0.0046	0.0010	0.0868	0.1672
264	2035	ALT3	WB	AM	Mainline	0.50	0.67	16.18	2.46	5888	4013	0.0492	0.0454	0.0158	0.0008	0.0086	0.0226	0.0034	0.0019	0.0004	0.0281	0.0843
265	2035	ALT3	WB	AM	Mainline	0.28	0.37	7.99	1.28	3090	2104	0.0283	0.0261	0.0087	0.0004	0.0042	0.0114	0.0019	0.0010	0.0002	0.0177	0.0377
266	2035	ALT3	WB	AM	Mainline	0.98	1.28	27.02	4.53	10722	7336	0.1057	0.0975	0.0306	0.0015	0.0152	0.0409	0.0067	0.0033	0.0007	0.0697	0.1399
267	2035	ALT3	WB	AM	Mainline	0.28	0.38	8.63	1.34	3236	2204	0.0284	0.0262	0.0089	0.0004	0.0045	0.0120	0.0019	0.0010	0.0002	0.0172	0.0414
268	2035	ALT3	WB	AM	Mainline	0.06	0.08	1.46	0.24	600	407	0.0057	0.0053	0.0018	0.0001	0.0008	0.0022	0.0004	0.0002	0.0000	0.0037	0.0062
269	2035	ALT3	WB	AM	Mainline	1.23	1.63	37.04	5.81	13981	9527	0.1244	0.1148	0.0386	0.0019	0.0193	0.0518	0.0084	0.0043	0.0009	0.0764	0.1790
270	2035	ALT3	WB	AM	Mainline	0.55	0.72	16.70	2.63	6245	4265	0.0556	0.0513	0.0170	0.0008	0.0090	0.0239	0.0037	0.0019	0.0004	0.0340	0.0869
271	2035	ALT3	WB	AM	Mainline	0.78	1.04	24.42	3.88	9070	6210	0.0809	0.0746	0.0245	0.0012	0.0138	0.0359	0.0052	0.0028	0.0006	0.0493	0.1371
272	2035	ALT3	WB	AM	Mainline	0.56	0.75	17.64	2.80	6513	4463	0.0576	0.0532	0.0175	0.0008	0.0101	0.0261	0.0037	0.0021	0.0004	0.0347	0.1021
273	2035	ALT3	WB	AM	Mainline	0.58	0.76	16.43	2.71	6412	4387	0.0617	0.0570	0.0180	0.0009	0.0092	0.0245	0.0039	0.0020	0.0004	0.0402	0.0858
274	2035	ALT3	WB	AM	Mainline	0.67	0.87	18.18	3.09	7274	4982	0.0732	0.0675	0.0209	0.0010	0.0104	0.0279	0.0045	0.0022	0.0005	0.0489	0.0958
275	2035	ALT3	WB	AM	Mainline	1.21	1.56	29.10	5.14	12324	8442	0.1343	0.1239	0.0375	0.0019	0.0174	0.0477	0.0082	0.0037	0.0009	0.0933	0.1517
276	2035	ALT3	WB	AM	Mainline	0.34	0.43	7.86	1.38	3373	2307	0.0369	0.0341	0.0105	0.0005	0.0047	0.0130	0.0023	0.0010	0.0002	0.0257	0.0397
277	2035	ALT3	WB	AM	Mainline	0.69	0.89	16.59	2.99	7077	4859	0.0795	0.0733	0.0215	0.0011	0.0102	0.0278	0.0047	0.0021	0.0005	0.0562	0.0906
278	2035	ALT3	WB	AM	Mainline	0.37	0.48	9.01	1.64	3835	2638	0.0436	0.0402	0.0116	0.0006	0.0057	0.0153	0.0025	0.0011	0.0003	0.0310	0.0510
279	2035	ALT3	WB	AM	Mainline	0.66	0.86	17.69	3.14	7192	4955	0.0774	0.0714	0.0205	0.0010	0.0110	0.0289	0.0044	0.0021	0.0005	0.0538	0.1045
280	2035	ALT3	WB	AM	Mainline	0.68	0.87	16.95	3.11	7121	4913	0.0814	0.0750	0.0209	0.0010	0.0109	0.0289	0.0045	0.0021	0.0005	0.0582	0.1024
281	2035	ALT3	WB	AM	Mainline	0.48	0.63	13.42	2.31	5330	3665	0.0547	0.0504	0.0150	0.0007	0.0081	0.0212	0.0032	0.0016	0.0004	0.0370	0.0772
282	2035	ALT3	WB	AM	Mainline	0.71	0.93	18.69	3.34	7673	5284	0.0836	0.0771	0.0221	0.0011	0.0116	0.0307	0.0048	0.0023	0.0006	0.0585	0.1094
283	2035	ALT3	WB	AM	Mainline	0.67	0.87	18.36	3.16	7314	5026	0.0750	0.0692	0.0207	0.0010	0.0110	0.0289	0.0045	0.0022	0.0005	0.0508	0.1041
284	2035	ALT3	WB	AM	Mainline	0.80	1.06	23.90	3.93	9138	6269	0.0870	0.0803	0.0251	0.0012	0.0137	0.0359	0.0054	0.0028	0.0006	0.0563	0.1336
285	2035	ALT3	WB	AM	Mainline	0.60	0.78	16.40	2.74	6503	4447	0.0638	0.0588	0.0186	0.0009	0.0092	0.0247	0.0040	0.0020	0.0005	0.0419	0.0840
286	2035	ALT3	WB	AM	Mainline	0.51	0.67	14.57	2.39	5668	3875	0.0539	0.0498	0.0159	0.0008	0.0080	0.0215	0.0035	0.0017	0.0004	0.0348	0.0747
287	2035	ALT3	WB	AM	Mainline	0.94	1.22	24.93	4.25	10075	6896	0.1022	0.0943	0.0292	0.0014	0.0143	0.0385	0.0064	0.0031	0.0007	0.0686	0.1292
288	2035	ALT3	WB	AM	Mainline	0.10	0.14	2.65	0.45	1088	742	0.0109	0.0101	0.0033	0.0002	0.0015	0.0041	0.0007	0.0003	0.0001	0.0073	0.0126
289	2035	ALT3	WB	AM	Mainline	1.01	1.31	27.22	4.55	10875	7430	0.1069	0.0986	0.0314	0.0016	0.0151	0.0409	0.0068	0.0033	0.0008	0.0704	0.1359
290	2035	ALT3	WB	AM	Ramp	0.09	0.13	3.30	0.36	1138	748	0.0066	0.0062	0.0031	0.0002	0.0009	0.0030	0.0007	0.0005	0.0001	0.0013	0.0058
291	2035	ALT3	WB	AM	Ramp	0.05	0.08	1.70	0.18	640	420	0.0041	0.0038	0.0018	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0006	0.0029

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
292	2035	ALT3	WB	AM	Ramp	0.02	0.02	0.59	0.06	204	134	0.0012	0.0011	0.0006	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0002	0.0009
293	2035	ALT3	WB	AM	Ramp	0.13	0.20	2.08	0.25	1180	774	0.0106	0.0098	0.0045	0.0002	0.0017	0.0051	0.0010	0.0009	0.0001	0.0009	0.0155
294	2035	ALT3	WB	AM	Ramp	0.05	0.07	1.29	0.15	534	351	0.0038	0.0035	0.0016	0.0001	0.0005	0.0015	0.0004	0.0003	0.0000	0.0006	0.0031
295	2035	ALT3	WB	AM	Ramp	0.09	0.13	1.51	0.19	782	517	0.0067	0.0062	0.0028	0.0001	0.0014	0.0038	0.0006	0.0005	0.0001	0.0010	0.0140
296	2035	ALT3	WB	AM	Ramp	0.04	0.06	0.88	0.11	419	278	0.0034	0.0031	0.0014	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0006	0.0066
297	2035	ALT3	WB	AM	Ramp	0.85	1.15	18.99	4.23	8721	6206	0.0945	0.0872	0.0255	0.0010	0.0265	0.0605	0.0049	0.0034	0.0007	0.0572	0.3201
298	2035	ALT3	WB	AM	Ramp	0.00	0.01	0.16	0.02	58	38	0.0003	0.0003	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002
299	2035	ALT3	WB	AM	Ramp	0.04	0.05	1.24	0.13	443	291	0.0027	0.0025	0.0012	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0004	0.0020
300	2035	ALT3	WB	AM	Ramp	0.38	0.54	12.50	1.36	4467	2935	0.0271	0.0251	0.0124	0.0006	0.0036	0.0118	0.0028	0.0020	0.0003	0.0047	0.0225
301	2035	ALT3	WB	AM	Ramp	0.10	0.14	1.91	0.26	912	609	0.0076	0.0071	0.0031	0.0001	0.0017	0.0046	0.0007	0.0005	0.0001	0.0017	0.0182
302	2035	ALT3	WB	AM	Ramp	0.04	0.07	1.04	0.12	470	308	0.0035	0.0032	0.0015	0.0001	0.0005	0.0015	0.0003	0.0003	0.0000	0.0004	0.0034
303	2035	ALT3	WB	AM	Ramp	0.02	0.02	0.42	0.07	168	116	0.0015	0.0014	0.0005	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0007	0.0037
304	2035	ALT3	WB	AM	Ramp	0.07	0.11	1.23	0.15	659	433	0.0057	0.0053	0.0024	0.0001	0.0010	0.0029	0.0005	0.0005	0.0001	0.0006	0.0090
305	2035	ALT3	WB	AM	Ramp	0.04	0.06	1.08	0.15	437	295	0.0034	0.0032	0.0013	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0012	0.0067
306	2035	ALT3	WB	AM	Ramp	0.08	0.12	1.62	0.17	815	531	0.0065	0.0060	0.0028	0.0001	0.0007	0.0024	0.0006	0.0005	0.0001	0.0003	0.0035
307	2035	ALT3	WB	AM	Ramp	0.04	0.06	0.71	0.09	350	233	0.0030	0.0027	0.0012	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0006	0.0070
308	2035	ALT3	WB	AM	Ramp	0.12	0.18	2.01	0.25	1076	710	0.0094	0.0087	0.0040	0.0002	0.0019	0.0052	0.0008	0.0007	0.0001	0.0012	0.0184
309	2035	ALT3	WB	AM	Ramp	0.03	0.04	0.50	0.10	251	174	0.0025	0.0023	0.0009	0.0000	0.0009	0.0020	0.0002	0.0001	0.0000	0.0010	0.0104
310	2035	ALT3	WB	AM	Ramp	0.32	0.46	7.17	1.01	3248	2179	0.0269	0.0249	0.0104	0.0005	0.0058	0.0151	0.0022	0.0017	0.0003	0.0074	0.0593
311	2035	ALT3	WB	AM	Ramp	0.07	0.09	1.33	0.19	629	422	0.0053	0.0050	0.0021	0.0001	0.0013	0.0033	0.0004	0.0003	0.0001	0.0014	0.0140
312	2035	ALT3	WB	AM	Ramp	0.03	0.04	0.76	0.09	291	193	0.0020	0.0018	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0023
313	2035	ALT3	WB	AM	Ramp	0.18	0.25	5.79	0.72	2079	1385	0.0139	0.0129	0.0057	0.0003	0.0024	0.0068	0.0012	0.0009	0.0001	0.0043	0.0204
314	2035	ALT3	WB	AM	Ramp	0.04	0.06	1.11	0.12	451	297	0.0031	0.0029	0.0014	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0005	0.0025
315	2035	ALT3	WB	AM	Ramp	0.06	0.09	1.45	0.18	634	422	0.0049	0.0046	0.0020	0.0001	0.0009	0.0024	0.0004	0.0003	0.0001	0.0011	0.0078
316	2035	ALT3	WB	AM	Ramp	0.03	0.05	0.87	0.10	349	229	0.0024	0.0022	0.0010	0.0001	0.0003	0.0010	0.0002	0.0002	0.0000	0.0004	0.0019
317	2035	ALT3	WB	AM	Ramp	0.04	0.06	0.88	0.12	400	268	0.0033	0.0030	0.0013	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0009	0.0070
318	2035	ALT3	WB	AM	Ramp	0.03	0.04	0.80	0.09	302	198	0.0019	0.0018	0.0009	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0003	0.0015
319	2035	ALT3	WB	AM	Ramp	0.07	0.10	1.74	0.21	757	500	0.0057	0.0053	0.0024	0.0001	0.0009	0.0026	0.0005	0.0004	0.0001	0.0010	0.0073
320	2035	ALT3	WB	AM	Ramp	0.03	0.05	0.89	0.11	371	245	0.0027	0.0025	0.0011	0.0001	0.0004	0.0012	0.0002	0.0002	0.0000	0.0005	0.0029
321	2035	ALT3	WB	AM	Ramp	0.09	0.13	1.86	0.22	871	573	0.0068	0.0063	0.0029	0.0001	0.0011	0.0032	0.0006	0.0005	0.0001	0.0009	0.0092
322	2035	ALT3	WB	AM	Ramp	0.06	0.09	1.00	0.13	544	360	0.0049	0.0045	0.0021	0.0001	0.0012	0.0030	0.0004	0.0004	0.0001	0.0007	0.0122
323	2035	ALT3	WB	AM	Ramp	0.10	0.14	2.92	0.39	1108	743	0.0081	0.0075	0.0031	0.0002	0.0015	0.0041	0.0007	0.0005	0.0001	0.0028	0.0142
324	2035	ALT3	WB	AM	Ramp	0.02	0.03	0.69	0.09	263	177	0.0020	0.0018	0.0007	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0007	0.0038
325	2035	ALT3	WB	AM	Ramp	0.21	0.32	4.63	0.56	2151	1422	0.0170	0.0157	0.0071	0.0004	0.0030	0.0086	0.0015	0.0012	0.0002	0.0028	0.0278
326	2035	ALT3	WB	AM	Ramp	0.05	0.07	1.27	0.15	508	337	0.0036	0.0034	0.0015	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0008	0.0045
327	2035	ALT3	WB	AM	Ramp	0.15	0.22	2.69	0.33	1367	901	0.0114	0.0106	0.0049	0.0002	0.0021	0.0060	0.0010	0.0009	0.0001	0.0015	0.0196
328	2035	ALT3	WB	AM	Ramp	0.03	0.04	0.79	0.09	296	195	0.0019	0.0018	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0021
329	2035	ALT3	WB	AM	Ramp	0.07	0.11	1.75	0.21	771	509	0.0058	0.0054	0.0024	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0010	0.0073
330	2035	ALT3	WB	AM	Ramp	0.01	0.02	0.44	0.06	166	111	0.0012	0.0011	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0021
331	2035	ALT3	WB	AM	Ramp	0.11	0.15	3.27	0.39	1224	813	0.0083	0.0077	0.0035	0.0002	0.0013	0.0039	0.0008	0.0005	0.0001	0.0022	0.0111
332	2035	ALT3	WB	AM	Ramp	0.02	0.03	0.80	0.11	285	192	0.0020	0.0019	0.0008	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0008	0.0037
333	2035	ALT3	WB	AM	Ramp	0.07	0.09	2.08	0.27	773	517	0.0055	0.0051	0.0022	0.0001	0.0010	0.0027	0.0005	0.0003	0.0001	0.0018	0.0089
334	2035	ALT3	WB	AM	Ramp	0.04	0.06	1.22	0.17	459	309	0.0034	0.0032	0.0013	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0013	0.0064
335	2035	ALT3	WB	AM	Ramp	0.11	0.16	3.31	0.42	1259	840	0.0089	0.0083	0.0036	0.0002	0.0015	0.0043	0.0008	0.0006	0.0001	0.0026	0.0137
336	2035	ALT3	WB	AM	Ramp	0.09	0.13	2.52	0.38	1032	702	0.0086	0.0079	0.0030	0.0001	0.0018	0.0047	0.0006	0.0005	0.0001	0.0035	0.0192
337	2035	ALT3	WB	AM	Ramp	0.02	0.03	0.66	0.11	255	176	0.0022	0.0021	0.0007	0.0000	0.0005	0.0012	0.0001	0.0001	0.0000	0.0012	0.0057
338	2035	ALT3	WB	AM	Ramp	0.02	0.03	0.57	0.10	231	160	0.0022	0.0020	0.0006	0.0000	0.0005	0.0012	0.0001	0.0001	0.0000	0.0012	0.0060
339	2035	ALT3	WB	AM	Ramp	0.11	0.15	3.71	0.47	1276	851	0.0083	0.0077	0.0034	0.0002	0.0014	0.0039	0.0008	0.0004	0.0001	0.0033	0.0110

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
340	2035	ALT3	WB	AM	Ramp	0.45	0.64	13.59	1.69	5184	3452	0.0364	0.0337	0.0147	0.0007	0.0061	0.0174	0.0032	0.0023	0.0004	0.0101	0.0531
341	2035	ALT3	WB	AM	Ramp	0.40	0.57	10.48	1.44	4350	2921	0.0342	0.0317	0.0129	0.0006	0.0062	0.0170	0.0028	0.0021	0.0003	0.0108	0.0604
342	2035	ALT3	WB	AM	Ramp	0.10	0.15	2.47	0.33	1092	729	0.0087	0.0081	0.0034	0.0002	0.0016	0.0045	0.0007	0.0006	0.0001	0.0022	0.0159
343	2035	ALT3	WB	AM	Ramp	0.04	0.05	0.62	0.14	319	226	0.0035	0.0032	0.0011	0.0000	0.0014	0.0032	0.0002	0.0001	0.0000	0.0018	0.0178
344	2035	ALT3	WB	AM	Ramp	0.09	0.13	2.16	0.29	950	634	0.0075	0.0070	0.0030	0.0001	0.0014	0.0038	0.0006	0.0005	0.0001	0.0019	0.0134
345	2035	ALT3	WB	AM	Ramp	0.01	0.01	0.19	0.03	92	63	0.0009	0.0008	0.0003	0.0000	0.0002	0.0006	0.0001	0.0000	0.0000	0.0004	0.0028
346	2035	ALT3	WB	AM	Ramp	0.03	0.04	0.57	0.09	268	182	0.0024	0.0022	0.0009	0.0000	0.0007	0.0016	0.0002	0.0001	0.0000	0.0008	0.0076
347	2035	ALT3	WB	AM	Ramp	0.05	0.07	1.03	0.13	476	315	0.0038	0.0035	0.0016	0.0001	0.0007	0.0019	0.0003	0.0003	0.0000	0.0007	0.0064
348	2035	ALT3	WB	AM	Ramp	0.32	0.45	8.30	1.15	3458	2324	0.0274	0.0253	0.0102	0.0005	0.0050	0.0137	0.0022	0.0017	0.0003	0.0087	0.0489
349	2035	ALT3	WB	AM	Ramp	0.04	0.05	1.07	0.16	426	290	0.0035	0.0032	0.0012	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0014	0.0076
350	2035	ALT3	WB	AM	Ramp	0.06	0.08	1.98	0.24	705	469	0.0047	0.0043	0.0019	0.0001	0.0008	0.0023	0.0004	0.0003	0.0000	0.0015	0.0068
351	2035	ALT3	WB	AM	Ramp	0.02	0.03	0.38	0.09	190	135	0.0021	0.0019	0.0006	0.0000	0.0007	0.0017	0.0001	0.0001	0.0000	0.0011	0.0091
352	2035	ALT3	WB	AM	Ramp	0.02	0.03	0.53	0.07	228	152	0.0018	0.0017	0.0007	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0005	0.0029
353	2035	ALT3	WB	AM	Ramp	0.06	0.09	1.79	0.23	685	458	0.0049	0.0046	0.0019	0.0001	0.0009	0.0024	0.0004	0.0003	0.0000	0.0015	0.0079
354	2035	ALT3	WB	AM	Ramp	0.18	0.27	3.50	0.44	1720	1139	0.0143	0.0132	0.0060	0.0003	0.0029	0.0080	0.0013	0.0011	0.0002	0.0024	0.0288
355	2035	ALT3	WB	AM	Ramp	0.05	0.07	1.14	0.15	508	339	0.0041	0.0038	0.0016	0.0001	0.0008	0.0021	0.0003	0.0003	0.0000	0.0010	0.0074
356	2035	ALT3	WB	AM	Ramp	0.08	0.12	1.58	0.18	774	509	0.0062	0.0058	0.0027	0.0001	0.0010	0.0030	0.0006	0.0005	0.0001	0.0007	0.0086
357	2035	ALT3	WB	AM	Ramp	0.16	0.24	2.94	0.36	1518	1000	0.0129	0.0119	0.0055	0.0003	0.0024	0.0068	0.0012	0.0010	0.0001	0.0016	0.0226
358	2035	ALT3	WB	AM	Ramp	0.12	0.16	1.40	0.29	813	559	0.0084	0.0078	0.0036	0.0001	0.0043	0.0096	0.0007	0.0005	0.0001	0.0027	0.0537
359	2035	ALT3	WB	AM	Ramp	0.11	0.17	1.85	0.22	1003	660	0.0088	0.0081	0.0037	0.0002	0.0016	0.0045	0.0008	0.0007	0.0001	0.0009	0.0147
360	2035	ALT3	WB	AM	Ramp	0.08	0.12	1.26	0.17	685	455	0.0062	0.0057	0.0026	0.0001	0.0015	0.0040	0.0005	0.0005	0.0001	0.0010	0.0163
361	2035	ALT3	WB	AM	Ramp	0.07	0.10	1.08	0.14	585	387	0.0052	0.0048	0.0022	0.0001	0.0011	0.0031	0.0005	0.0004	0.0001	0.0007	0.0117
362	2035	ALT3	WB	AM	Ramp	0.06	0.08	1.27	0.18	573	385	0.0048	0.0044	0.0018	0.0001	0.0010	0.0027	0.0004	0.0003	0.0000	0.0014	0.0109
363	2035	ALT3	WB	AM	Ramp	0.09	0.14	1.91	0.22	908	597	0.0071	0.0066	0.0030	0.0002	0.0011	0.0034	0.0007	0.0006	0.0001	0.0009	0.0094
364	2035	ALT3	WB	AM	HOV																	
365	2035	ALT3	WB	AM	HOV																	
366	2035	ALT3	WB	AM	HOT	0.14	0.19	4.73	0.52	1611	1047	0.0069	0.0064	0.0046	0.0002	0.0009	0.0035	0.0011	0.0006	0.0001	0.0006	0.0014
367	2035	ALT3	WB	AM	HOT	0.21	0.29	7.11	0.78	2421	1574	0.0104	0.0096	0.0069	0.0004	0.0014	0.0053	0.0016	0.0008	0.0001	0.0009	0.0021
368	2035	ALT3	WB	AM	HOT	0.11	0.15	3.60	0.39	1226	797	0.0053	0.0049	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0005	0.0011
369	2035	ALT3	WB	AM	HOT	0.10	0.14	3.41	0.37	1162	755	0.0050	0.0046	0.0033	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0010
370	2035	ALT3	WB	AM	HOT	0.11	0.14	3.55	0.39	1210	787	0.0052	0.0048	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0005	0.0011
371	2035	ALT3	WB	AM	HOT	0.05	0.07	1.64	0.18	558	363	0.0024	0.0022	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0005
372	2035	ALT3	WB	AM	HOT	0.08	0.10	2.53	0.28	861	560	0.0037	0.0034	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0008
373	2035	ALT3	WB	AM	HOT	0.05	0.07	1.65	0.18	564	367	0.0024	0.0022	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0005
374	2035	ALT3	WB	AM	HOT	0.22	0.30	7.42	0.81	2530	1645	0.0108	0.0101	0.0073	0.0004	0.0014	0.0056	0.0017	0.0009	0.0001	0.0009	0.0022
375	2035	ALT3	WB	AM	HOT	0.07	0.10	2.47	0.27	844	549	0.0036	0.0034	0.0024	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0007
376	2035	ALT3	WB	AM	HOT	0.03	0.05	1.15	0.13	393	256	0.0017	0.0016	0.0011	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
377	2035	ALT3	WB	AM	HOT	0.48	0.64	13.58	1.56	4995	3247	0.0213	0.0197	0.0156	0.0008	0.0031	0.0120	0.0036	0.0017	0.0003	0.0020	0.0040
378	2035	ALT3	WB	AM	HOT	0.11	0.14	3.03	0.35	1115	725	0.0048	0.0044	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0009
379	2035	ALT3	WB	AM	HOT	0.12	0.16	3.40	0.39	1258	818	0.0054	0.0050	0.0039	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0010
380	2035	ALT3	WB	AM	HOT	0.11	0.15	3.16	0.36	1169	760	0.0050	0.0046	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0009
381	2035	ALT3	WB	AM	HOT	0.42	0.55	11.59	1.33	4282	2784	0.0183	0.0169	0.0134	0.0007	0.0027	0.0103	0.0031	0.0015	0.0002	0.0017	0.0034
382	2035	ALT3	WB	AM	HOT	0.06	0.08	1.70	0.20	630	410	0.0027	0.0025	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0003	0.0005
383	2035	ALT3	WB	AM	HOT	0.26	0.35	7.28	0.84	2690	1749	0.0115	0.0106	0.0084	0.0005	0.0017	0.0065	0.0019	0.0009	0.0001	0.0011	0.0021
384	2035	ALT3	WB	AM	HOT	0.16	0.20	4.31	0.50	1593	1036	0.0068	0.0063	0.0050	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0013
385	2035	ALT3	WB	AM	HOT	0.39	0.51	10.74	1.24	3972	2582	0.0169	0.0157	0.0125	0.0007	0.0025	0.0096	0.0029	0.0014	0.0002	0.0016	0.0031
386	2035	ALT3	WB	AM	HOT	0.12	0.15	3.20	0.37	1183	769	0.0050	0.0047	0.0037	0.0002	0.0007	0.0028	0.0009	0.0004	0.0001	0.0005	0.0009
387	2035	ALT3	WB	AM	HOT	0.10	0.13	2.80	0.32	1034	672	0.0044	0.0041	0.0032	0.0002	0.0006	0.0025	0.0007	0.0004	0.0001	0.0004	0.0008

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
388	2035	ALT3	WB	AM	HOT	0.10	0.13	2.83	0.33	1048	681	0.0045	0.0041	0.0033	0.0002	0.0006	0.0025	0.0008	0.0004	0.0001	0.0004	0.0008
389	2035	ALT3	WB	AM	HOT	0.40	0.53	11.11	1.28	4106	2669	0.0175	0.0162	0.0129	0.0007	0.0025	0.0099	0.0030	0.0014	0.0002	0.0016	0.0033
390	2035	ALT3	WB	AM	HOT	0.02	0.03	0.53	0.06	202	131	0.0009	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0002
391	2035	ALT3	WB	AM	HOT	0.28	0.36	7.06	0.82	2702	1756	0.0115	0.0107	0.0088	0.0005	0.0017	0.0068	0.0020	0.0009	0.0001	0.0011	0.0020
392	2035	ALT3	WB	AM	HOT	0.04	0.05	1.00	0.12	384	250	0.0016	0.0015	0.0013	0.0001	0.0002	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
393	2035	ALT3	WB	AM	HOT	0.26	0.34	6.65	0.78	2548	1656	0.0109	0.0101	0.0083	0.0004	0.0016	0.0064	0.0019	0.0009	0.0001	0.0010	0.0019
394	2035	ALT3	WB	AM	HOT	0.19	0.24	4.75	0.55	1817	1181	0.0078	0.0072	0.0059	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0007	0.0014
395	2035	ALT3	WB	AM	HOT	0.26	0.35	6.77	0.79	2593	1686	0.0111	0.0103	0.0085	0.0005	0.0017	0.0065	0.0020	0.0009	0.0001	0.0011	0.0020
396	2035	ALT3	WB	AM	HOT	0.08	0.10	1.94	0.23	742	483	0.0032	0.0029	0.0024	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0006
397	2035	ALT3	WB	AM	HOT	0.26	0.34	6.72	0.78	2574	1673	0.0110	0.0102	0.0084	0.0005	0.0017	0.0065	0.0019	0.0009	0.0001	0.0011	0.0020
398	2035	ALT3	WB	AM	HOT	0.38	0.50	9.71	1.13	3719	2418	0.0159	0.0147	0.0122	0.0007	0.0024	0.0093	0.0028	0.0013	0.0002	0.0015	0.0028
399	2035	ALT3	WB	AM	HOT	0.32	0.42	8.28	0.97	3169	2060	0.0135	0.0125	0.0104	0.0006	0.0021	0.0080	0.0024	0.0011	0.0002	0.0013	0.0024
400	2035	ALT3	WB	AM	HOT	0.23	0.30	5.97	0.70	2285	1486	0.0098	0.0090	0.0075	0.0004	0.0015	0.0057	0.0017	0.0008	0.0001	0.0009	0.0017
401	2035	ALT3	WB	AM	HOT	0.17	0.22	4.27	0.50	1636	1064	0.0070	0.0065	0.0054	0.0003	0.0011	0.0041	0.0012	0.0006	0.0001	0.0007	0.0012
402	2035	ALT3	WB	AM	HOT	0.16	0.21	4.12	0.48	1578	1026	0.0067	0.0062	0.0052	0.0003	0.0010	0.0040	0.0012	0.0005	0.0001	0.0006	0.0012
403	2035	ALT3	WB	AM	HOT	0.34	0.44	8.93	1.04	3375	2194	0.0144	0.0134	0.0109	0.0006	0.0022	0.0084	0.0025	0.0011	0.0002	0.0014	0.0026
404	2035	ALT3	WB	AM	HOT	0.19	0.25	5.04	0.59	1906	1239	0.0081	0.0075	0.0061	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0015
405	2035	ALT3	WB	AM	HOT	0.26	0.35	6.97	0.81	2637	1714	0.0113	0.0104	0.0085	0.0005	0.0017	0.0065	0.0020	0.0009	0.0001	0.0011	0.0020
406	2035	ALT3	WB	AM	HOT	0.21	0.27	5.41	0.63	2046	1330	0.0087	0.0081	0.0066	0.0004	0.0013	0.0051	0.0015	0.0007	0.0001	0.0008	0.0016
407	2035	ALT3	WB	AM	HOT	0.31	0.41	8.16	0.95	3085	2006	0.0132	0.0122	0.0100	0.0005	0.0020	0.0076	0.0023	0.0011	0.0002	0.0013	0.0024
408	2035	ALT3	WB	AM	HOT	0.19	0.25	5.10	0.59	1930	1255	0.0082	0.0076	0.0062	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0015
409	2035	ALT3	WB	AM	HOT	0.27	0.35	7.12	0.83	2692	1750	0.0115	0.0107	0.0087	0.0005	0.0017	0.0067	0.0020	0.0009	0.0001	0.0011	0.0021
410	2035	ALT3	WB	AM	HOT	0.73	0.97	21.01	2.41	7656	4978	0.0326	0.0302	0.0236	0.0013	0.0047	0.0181	0.0054	0.0026	0.0004	0.0030	0.0062
411	2035	ALT3	WB	AM	HOT	0.39	0.52	11.25	1.29	4101	2666	0.0175	0.0162	0.0126	0.0007	0.0025	0.0097	0.0029	0.0014	0.0002	0.0016	0.0033
412	2035	ALT3	WB	AM	HOT	0.15	0.20	4.31	0.49	1572	1022	0.0067	0.0062	0.0048	0.0003	0.0010	0.0037	0.0011	0.0005	0.0001	0.0006	0.0013
413	2035	ALT3	WB	AM	HOT	0.08	0.10	2.20	0.25	803	522	0.0034	0.0032	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0006
414	2035	ALT3	WB	AM	HOT	0.33	0.43	9.40	1.08	3426	2227	0.0146	0.0135	0.0106	0.0006	0.0021	0.0081	0.0024	0.0012	0.0002	0.0014	0.0028
415	2035	ALT3	WB	AM	HOT	0.08	0.10	2.20	0.25	803	522	0.0034	0.0032	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0006
416	2035	ALT3	WB	AM	HOT	0.01	0.02	0.34	0.04	125	81	0.0005	0.0005	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
417	2035	ALT3	WB	AM	HOT	0.34	0.44	9.62	1.10	3505	2279	0.0149	0.0138	0.0108	0.0006	0.0021	0.0083	0.0025	0.0012	0.0002	0.0014	0.0028
418	2035	ALT3	WB	AM	HOT	0.14	0.19	4.14	0.47	1508	980	0.0064	0.0060	0.0046	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0012
419	2035	ALT3	WB	AM	HOT	0.24	0.31	6.82	0.78	2483	1614	0.0106	0.0098	0.0077	0.0004	0.0015	0.0059	0.0018	0.0008	0.0001	0.0010	0.0020
420	2035	ALT3	WB	AM	HOT	0.19	0.25	4.91	0.57	1883	1224	0.0080	0.0075	0.0062	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0014
421	2035	ALT3	WB	AM	HOT	0.18	0.24	4.64	0.54	1782	1158	0.0076	0.0071	0.0058	0.0003	0.0012	0.0045	0.0013	0.0006	0.0001	0.0007	0.0013
422	2035	ALT3	WB	AM	HOT	0.22	0.28	5.51	0.64	2115	1375	0.0090	0.0084	0.0069	0.0004	0.0014	0.0053	0.0016	0.0007	0.0001	0.0009	0.0016
423	2035	ALT3	WB	AM	HOT	0.42	0.54	10.63	1.24	4078	2652	0.0174	0.0161	0.0134	0.0007	0.0026	0.0103	0.0031	0.0014	0.0002	0.0017	0.0031
424	2035	ALT3	WB	AM	HOT	0.10	0.13	2.60	0.30	998	649	0.0043	0.0039	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0008
425	2035	ALT3	WB	AM	HOT	0.24	0.31	6.14	0.72	2357	1533	0.0101	0.0093	0.0077	0.0004	0.0015	0.0059	0.0018	0.0008	0.0001	0.0010	0.0018
426	2035	ALT3	WB	AM	HOT	0.13	0.17	3.23	0.38	1241	807	0.0053	0.0049	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0009
427	2035	ALT3	WB	AM	HOT	0.24	0.32	6.18	0.72	2372	1542	0.0101	0.0094	0.0078	0.0004	0.0015	0.0060	0.0018	0.0008	0.0001	0.0010	0.0018
428	2035	ALT3	WB	AM	HOT	0.26	0.34	6.60	0.77	2533	1647	0.0108	0.0100	0.0083	0.0004	0.0016	0.0064	0.0019	0.0009	0.0001	0.0010	0.0019
429	2035	ALT3	WB	AM	HOT	0.17	0.23	4.40	0.51	1689	1098	0.0072	0.0067	0.0055	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0013
430	2035	ALT3	WB	AM	HOT	0.25	0.33	7.05	0.81	2583	1679	0.0110	0.0102	0.0080	0.0004	0.0016	0.0062	0.0018	0.0009	0.0001	0.0010	0.0021
431	2035	ALT3	WB	AM	HOT	0.22	0.30	6.35	0.73	2328	1514	0.0099	0.0092	0.0072	0.0004	0.0014	0.0055	0.0017	0.0008	0.0001	0.0009	0.0019
432	2035	ALT3	WB	AM	HOT	0.26	0.35	7.48	0.86	2742	1783	0.0117	0.0108	0.0085	0.0005	0.0017	0.0065	0.0020	0.0009	0.0001	0.0011	0.0022
433	2035	ALT3	WB	AM	HOT	0.22	0.29	6.62	0.75	2358	1533	0.0101	0.0093	0.0071	0.0004	0.0014	0.0054	0.0016	0.0008	0.0001	0.0009	0.0020
434	2035	ALT3	WB	AM	HOT	0.18	0.24	5.57	0.63	1982	1289	0.0085	0.0078	0.0060	0.0003	0.0012	0.0046	0.0014	0.0007	0.0001	0.0008	0.0016
435	2035	ALT3	WB	AM	HOT	0.35	0.47	10.68	1.21	3803	2473	0.0162	0.0150	0.0114	0.0006	0.0023	0.0088	0.0026	0.0013	0.0002	0.0015	0.0032

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
436	2035	ALT3	WB	AM	HOT	0.03	0.05	1.02	0.12	365	237	0.0016	0.0014	0.0011	0.0001	0.0002	0.0008	0.0003	0.0001	0.0000	0.0001	0.0003
437	2035	ALT3	WB	AM	HOT	0.38	0.50	11.36	1.28	4046	2630	0.0173	0.0160	0.0122	0.0007	0.0024	0.0093	0.0028	0.0014	0.0002	0.0016	0.0034
216	2035	ALT3	WB	MD	Mainline	1.38	1.74	28.26	7.98	14338	10463	0.2949	0.2716	0.0412	0.0018	0.0337	0.0800	0.0085	0.0037	0.0016	0.2571	0.3755
217	2035	ALT3	WB	MD	Mainline	2.49	3.13	51.31	15.02	26239	19262	0.5540	0.5102	0.0738	0.0032	0.0645	0.1511	0.0150	0.0066	0.0029	0.4864	0.7304
218	2035	ALT3	WB	MD	Mainline	1.98	2.51	42.34	10.61	20439	14673	0.3647	0.3360	0.0597	0.0027	0.0432	0.1052	0.0125	0.0055	0.0020	0.3070	0.4622
219	2035	ALT3	WB	MD	Mainline	2.62	3.34	60.11	15.26	28341	20474	0.4922	0.4534	0.0785	0.0035	0.0643	0.1528	0.0161	0.0074	0.0027	0.4142	0.7185
220	2035	ALT3	WB	MD	Mainline	1.53	1.94	34.30	8.33	16123	11545	0.2714	0.2500	0.0461	0.0021	0.0337	0.0820	0.0096	0.0043	0.0015	0.2255	0.3634
221	2035	ALT3	WB	MD	Mainline	1.31	1.67	30.44	7.54	14186	10214	0.2389	0.2200	0.0394	0.0018	0.0315	0.0752	0.0081	0.0037	0.0013	0.1993	0.3495
222	2035	ALT3	WB	MD	Mainline	1.55	1.97	35.23	8.38	16375	11696	0.2676	0.2466	0.0468	0.0021	0.0338	0.0824	0.0098	0.0044	0.0015	0.2206	0.3624
223	2035	ALT3	WB	MD	Mainline	0.74	0.94	17.12	4.00	7857	5603	0.1247	0.1149	0.0223	0.0010	0.0161	0.0393	0.0047	0.0021	0.0007	0.1020	0.1731
224	2035	ALT3	WB	MD	Mainline	0.85	1.09	19.78	4.10	8807	6166	0.1216	0.1121	0.0260	0.0012	0.0154	0.0393	0.0056	0.0025	0.0007	0.0943	0.1524
225	2035	ALT3	WB	MD	Mainline	0.54	0.69	12.39	2.62	5571	3909	0.0791	0.0730	0.0165	0.0008	0.0099	0.0252	0.0035	0.0016	0.0005	0.0621	0.0986
226	2035	ALT3	WB	MD	Mainline	2.51	3.20	54.68	11.66	25174	17663	0.3714	0.3423	0.0770	0.0037	0.0444	0.1142	0.0166	0.0072	0.0022	0.2940	0.4340
227	2035	ALT3	WB	MD	Mainline	0.98	1.25	21.22	4.30	9657	6727	0.1334	0.1230	0.0301	0.0015	0.0160	0.0420	0.0065	0.0028	0.0008	0.1030	0.1499
228	2035	ALT3	WB	MD	Mainline	0.56	0.71	12.22	2.37	5487	3799	0.0712	0.0656	0.0172	0.0008	0.0086	0.0231	0.0038	0.0016	0.0004	0.0535	0.0782
229	2035	ALT3	WB	MD	Mainline	3.18	4.06	71.99	15.03	32463	22727	0.4571	0.4214	0.0975	0.0047	0.0563	0.1450	0.0210	0.0093	0.0028	0.3567	0.5524
230	2035	ALT3	WB	MD	Mainline	0.81	1.03	17.93	3.67	8117	5665	0.1128	0.1040	0.0249	0.0012	0.0137	0.0357	0.0054	0.0023	0.0007	0.0874	0.1309
231	2035	ALT3	WB	MD	Mainline	0.83	1.05	18.66	3.95	8446	5924	0.1211	0.1116	0.0253	0.0012	0.0149	0.0382	0.0054	0.0024	0.0007	0.0951	0.1476
232	2035	ALT3	WB	MD	Mainline	0.89	1.14	19.89	4.12	9008	6297	0.1266	0.1167	0.0274	0.0013	0.0154	0.0399	0.0059	0.0026	0.0008	0.0985	0.1491
233	2035	ALT3	WB	MD	Mainline	2.65	3.41	66.85	14.03	28885	20361	0.3924	0.3616	0.0806	0.0037	0.0548	0.1356	0.0170	0.0081	0.0024	0.3050	0.5782
234	2035	ALT3	WB	MD	Mainline	0.45	0.58	10.87	2.23	4746	3325	0.0637	0.0587	0.0137	0.0007	0.0084	0.0214	0.0029	0.0014	0.0004	0.0490	0.0853
235	2035	ALT3	WB	MD	Mainline	1.68	2.17	43.02	8.89	18414	12960	0.2443	0.2251	0.0513	0.0024	0.0346	0.0858	0.0108	0.0052	0.0015	0.1882	0.3646
236	2035	ALT3	WB	MD	Mainline	1.14	1.46	27.68	5.70	12086	8476	0.1630	0.1502	0.0348	0.0016	0.0217	0.0547	0.0074	0.0034	0.0010	0.1258	0.2202
237	2035	ALT3	WB	MD	Mainline	1.72	2.19	38.11	8.09	17381	12192	0.2522	0.2324	0.0525	0.0025	0.0306	0.0786	0.0113	0.0050	0.0015	0.1987	0.3013
238	2035	ALT3	WB	MD	Mainline	0.55	0.70	12.38	2.57	5576	3901	0.0781	0.0720	0.0168	0.0008	0.0096	0.0248	0.0036	0.0016	0.0005	0.0608	0.0940
239	2035	ALT3	WB	MD	Mainline	0.49	0.62	11.05	2.29	4963	3470	0.0689	0.0635	0.0149	0.0007	0.0085	0.0220	0.0032	0.0014	0.0004	0.0535	0.0831
240	2035	ALT3	WB	MD	Mainline	0.63	0.81	14.65	2.85	6437	4463	0.0816	0.0753	0.0195	0.0010	0.0102	0.0271	0.0042	0.0019	0.0005	0.0611	0.0958
241	2035	ALT3	WB	MD	Mainline	2.27	2.91	53.02	10.55	23335	16240	0.3044	0.2807	0.0698	0.0034	0.0385	0.1003	0.0151	0.0068	0.0019	0.2308	0.3697
242	2035	ALT3	WB	MD	Mainline	0.16	0.21	3.75	0.73	1660	1150	0.0212	0.0195	0.0051	0.0002	0.0026	0.0070	0.0011	0.0005	0.0001	0.0158	0.0244
243	2035	ALT3	WB	MD	Mainline	1.96	2.52	46.05	9.19	20252	14103	0.2650	0.2443	0.0604	0.0029	0.0336	0.0874	0.0130	0.0059	0.0017	0.2012	0.3248
244	2035	ALT3	WB	MD	Mainline	0.31	0.39	6.94	1.37	3092	2148	0.0406	0.0374	0.0095	0.0005	0.0050	0.0132	0.0021	0.0009	0.0003	0.0307	0.0469
245	2035	ALT3	WB	MD	Mainline	1.84	2.36	43.13	8.70	19047	13283	0.2532	0.2334	0.0567	0.0027	0.0320	0.0830	0.0122	0.0055	0.0016	0.1935	0.3115
246	2035	ALT3	WB	MD	Mainline	1.48	1.89	33.50	6.62	14900	10352	0.1952	0.1800	0.0455	0.0022	0.0241	0.0636	0.0099	0.0044	0.0012	0.1479	0.2268
247	2035	ALT3	WB	MD	Mainline	1.86	2.39	43.42	8.83	19241	13431	0.2588	0.2386	0.0573	0.0028	0.0326	0.0843	0.0123	0.0055	0.0016	0.1987	0.3185
248	2035	ALT3	WB	MD	Mainline	0.59	0.76	13.43	2.68	5997	4171	0.0796	0.0734	0.0183	0.0009	0.0098	0.0258	0.0040	0.0017	0.0005	0.0606	0.0925
249	2035	ALT3	WB	MD	Mainline	1.90	2.42	41.73	8.49	18931	13199	0.2620	0.2415	0.0584	0.0028	0.0316	0.0828	0.0127	0.0055	0.0016	0.2025	0.2996
250	2035	ALT3	WB	MD	Mainline	3.06	3.92	69.69	13.89	31024	21578	0.4102	0.3782	0.0943	0.0046	0.0508	0.1332	0.0204	0.0090	0.0026	0.3121	0.4810
251	2035	ALT3	WB	MD	Mainline	2.31	2.96	53.99	10.96	23872	16663	0.3199	0.2949	0.0709	0.0034	0.0405	0.1046	0.0153	0.0069	0.0020	0.2453	0.3960
252	2035	ALT3	WB	MD	Mainline	1.92	2.46	43.91	8.74	19493	13557	0.2565	0.2365	0.0591	0.0029	0.0319	0.0836	0.0128	0.0057	0.0016	0.1948	0.3027
253	2035	ALT3	WB	MD	Mainline	1.37	1.76	31.45	6.26	13960	9709	0.1837	0.1694	0.0423	0.0021	0.0228	0.0599	0.0092	0.0041	0.0011	0.1395	0.2168
254	2035	ALT3	WB	MD	Mainline	1.32	1.70	30.32	6.03	13457	9359	0.1771	0.1633	0.0408	0.0020	0.0220	0.0577	0.0088	0.0039	0.0011	0.1345	0.2090
255	2035	ALT3	WB	MD	Mainline	2.24	2.87	52.47	10.85	23287	16302	0.3194	0.2945	0.0687	0.0033	0.0406	0.1039	0.0147	0.0067	0.0020	0.2474	0.4036
256	2035	ALT3	WB	MD	Mainline	1.43	1.83	32.59	6.60	14544	10140	0.1962	0.1809	0.0439	0.0021	0.0243	0.0633	0.0095	0.0042	0.0012	0.1506	0.2338
257	2035	ALT3	WB	MD	Mainline	1.76	2.26	41.41	8.52	18329	12825	0.2496	0.2301	0.0540	0.0026	0.0319	0.0816	0.0116	0.0053	0.0015	0.1928	0.3159
258	2035	ALT3	WB	MD	Mainline	1.69	2.16	37.34	7.46	16839	11711	0.2269	0.2092	0.0521	0.0025	0.0275	0.0725	0.0113	0.0049	0.0014	0.1735	0.2572
259	2035	ALT3	WB	MD	Mainline	2.47	3.15	54.03	10.83	24452	17011	0.3321	0.3062	0.0759	0.0037	0.0400	0.1056	0.0165	0.0071	0.0021	0.2547	0.3743
260	2035	ALT3	WB	MD	Mainline	1.65	2.11	36.69	7.31	16480	11458	0.2203	0.2031	0.0508	0.0025	0.0268	0.0708	0.0110	0.0048	0.0014	0.1680	0.2516
261	2035	ALT3	WB	MD	Mainline	2.01	2.57	45.63	9.17	20357	14176	0.2724	0.2511	0.0618	0.0030	0.0337	0.0880	0.0134	0.0059	0.0017	0.2082	0.3213

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
262	2035	ALT3	WB	MD	Mainline	5.24	6.68	115.14	23.96	52486	36706	0.7468	0.6883	0.1607	0.0078	0.0900	0.2335	0.0347	0.0151	0.0045	0.5836	0.8688
263	2035	ALT3	WB	MD	Mainline	2.51	3.20	56.71	11.86	25586	17917	0.3612	0.3329	0.0768	0.0037	0.0445	0.1144	0.0165	0.0073	0.0022	0.2821	0.4368
264	2035	ALT3	WB	MD	Mainline	0.91	1.18	23.36	4.77	9976	7008	0.1307	0.1204	0.0279	0.0013	0.0184	0.0459	0.0059	0.0028	0.0008	0.1001	0.1925
265	2035	ALT3	WB	MD	Mainline	0.52	0.67	12.35	2.58	5464	3835	0.0757	0.0698	0.0159	0.0008	0.0098	0.0248	0.0034	0.0016	0.0005	0.0589	0.0994
266	2035	ALT3	WB	MD	Mainline	1.74	2.23	40.28	9.06	18344	12999	0.2799	0.2579	0.0530	0.0025	0.0356	0.0882	0.0112	0.0051	0.0016	0.2256	0.3717
267	2035	ALT3	WB	MD	Mainline	0.53	0.68	12.67	2.80	5685	4024	0.0841	0.0775	0.0162	0.0008	0.0110	0.0272	0.0034	0.0016	0.0005	0.0672	0.1156
268	2035	ALT3	WB	MD	Mainline	0.10	0.13	2.29	0.50	1051	740	0.0157	0.0144	0.0032	0.0002	0.0019	0.0048	0.0007	0.0003	0.0001	0.0125	0.0189
269	2035	ALT3	WB	MD	Mainline	2.37	3.04	56.78	12.44	25317	17910	0.3693	0.3403	0.0720	0.0033	0.0489	0.1210	0.0152	0.0070	0.0022	0.2938	0.5147
270	2035	ALT3	WB	MD	Mainline	1.06	1.36	26.16	5.71	11502	8148	0.1646	0.1517	0.0321	0.0015	0.0227	0.0557	0.0067	0.0032	0.0010	0.1305	0.2431
271	2035	ALT3	WB	MD	Mainline	1.55	2.00	40.39	8.69	17278	12272	0.2372	0.2186	0.0468	0.0021	0.0360	0.0867	0.0097	0.0048	0.0014	0.1860	0.3968
272	2035	ALT3	WB	MD	Mainline	1.06	1.36	26.61	6.08	11764	8408	0.1753	0.1615	0.0320	0.0014	0.0254	0.0607	0.0066	0.0032	0.0010	0.1414	0.2820
273	2035	ALT3	WB	MD	Mainline	1.13	1.44	26.75	6.15	12125	8638	0.1874	0.1727	0.0341	0.0016	0.0248	0.0605	0.0071	0.0033	0.0011	0.1522	0.2676
274	2035	ALT3	WB	MD	Mainline	1.30	1.66	30.18	7.06	13854	9882	0.2201	0.2028	0.0393	0.0018	0.0285	0.0694	0.0082	0.0038	0.0013	0.1801	0.3060
275	2035	ALT3	WB	MD	Mainline	2.27	2.88	49.26	11.94	23444	16756	0.4010	0.3695	0.0686	0.0032	0.0480	0.1178	0.0144	0.0063	0.0023	0.3337	0.5081
276	2035	ALT3	WB	MD	Mainline	0.65	0.82	13.92	3.35	6640	4738	0.1133	0.1044	0.0197	0.0009	0.0134	0.0331	0.0041	0.0018	0.0006	0.0941	0.1405
277	2035	ALT3	WB	MD	Mainline	1.35	1.71	29.08	7.38	14028	10093	0.2520	0.2321	0.0405	0.0018	0.0302	0.0731	0.0084	0.0037	0.0014	0.2128	0.3267
278	2035	ALT3	WB	MD	Mainline	0.74	0.94	16.24	4.11	7778	5597	0.1380	0.1271	0.0222	0.0010	0.0168	0.0406	0.0046	0.0021	0.0008	0.1162	0.1828
279	2035	ALT3	WB	MD	Mainline	1.36	1.73	31.90	7.84	14753	10620	0.2446	0.2253	0.0407	0.0018	0.0329	0.0783	0.0084	0.0039	0.0014	0.2034	0.3663
280	2035	ALT3	WB	MD	Mainline	1.34	1.70	29.71	7.82	14324	10385	0.2621	0.2415	0.0399	0.0018	0.0330	0.0782	0.0082	0.0037	0.0014	0.2233	0.3691
281	2035	ALT3	WB	MD	Mainline	0.97	1.24	22.98	5.65	10611	7643	0.1757	0.1618	0.0291	0.0013	0.0238	0.0566	0.0060	0.0028	0.0010	0.1461	0.2660
282	2035	ALT3	WB	MD	Mainline	1.43	1.81	32.43	8.32	15386	11126	0.2712	0.2498	0.0427	0.0019	0.0351	0.0832	0.0088	0.0040	0.0015	0.2290	0.3916
283	2035	ALT3	WB	MD	Mainline	1.32	1.69	30.73	7.67	14347	10345	0.2433	0.2241	0.0396	0.0018	0.0323	0.0767	0.0082	0.0038	0.0014	0.2035	0.3599
284	2035	ALT3	WB	MD	Mainline	1.61	2.06	39.07	9.36	17735	12742	0.2821	0.2599	0.0483	0.0021	0.0394	0.0936	0.0099	0.0047	0.0016	0.2322	0.4396
285	2035	ALT3	WB	MD	Mainline	1.17	1.49	27.03	6.70	12637	9095	0.2139	0.1970	0.0352	0.0016	0.0279	0.0667	0.0073	0.0033	0.0012	0.1786	0.3082
286	2035	ALT3	WB	MD	Mainline	1.03	1.32	24.85	5.87	11266	8072	0.1774	0.1634	0.0310	0.0014	0.0244	0.0583	0.0064	0.0030	0.0010	0.1453	0.2690
287	2035	ALT3	WB	MD	Mainline	1.87	2.38	42.82	10.67	20106	14478	0.3437	0.3166	0.0562	0.0025	0.0444	0.1062	0.0116	0.0053	0.0019	0.2876	0.4908
288	2035	ALT3	WB	MD	Mainline	0.20	0.26	4.58	1.10	2144	1532	0.0356	0.0328	0.0061	0.0003	0.0044	0.0108	0.0013	0.0006	0.0002	0.0294	0.0475
289	2035	ALT3	WB	MD	Mainline	2.03	2.58	47.06	11.44	21811	15660	0.3605	0.3322	0.0609	0.0027	0.0474	0.1136	0.0126	0.0058	0.0020	0.2990	0.5207
290	2035	ALT3	WB	MD	Ramp	0.07	0.10	2.41	0.29	837	557	0.0054	0.0050	0.0023	0.0001	0.0009	0.0026	0.0005	0.0003	0.0001	0.0017	0.0073
291	2035	ALT3	WB	MD	Ramp	0.07	0.10	2.24	0.27	839	557	0.0057	0.0053	0.0024	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0015	0.0077
292	2035	ALT3	WB	MD	Ramp	0.02	0.04	0.85	0.10	298	198	0.0019	0.0017	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0005	0.0023
293	2035	ALT3	WB	MD	Ramp	0.24	0.35	3.72	0.52	2021	1346	0.0183	0.0170	0.0077	0.0004	0.0049	0.0125	0.0016	0.0013	0.0002	0.0032	0.0541
294	2035	ALT3	WB	MD	Ramp	0.07	0.10	1.93	0.25	781	521	0.0058	0.0054	0.0023	0.0001	0.0010	0.0028	0.0005	0.0004	0.0001	0.0016	0.0087
295	2035	ALT3	WB	MD	Ramp	0.18	0.26	3.07	0.41	1605	1064	0.0140	0.0130	0.0059	0.0003	0.0033	0.0086	0.0012	0.0010	0.0002	0.0023	0.0338
296	2035	ALT3	WB	MD	Ramp	0.07	0.10	1.41	0.23	679	461	0.0061	0.0057	0.0023	0.0001	0.0018	0.0043	0.0005	0.0004	0.0001	0.0020	0.0203
297	2035	ALT3	WB	MD	Ramp	1.48	1.94	29.10	8.85	14668	10902	0.1950	0.1798	0.0423	0.0014	0.0620	0.1344	0.0075	0.0046	0.0012	0.1450	0.7870
298	2035	ALT3	WB	MD	Ramp	0.01	0.01	0.30	0.03	113	74	0.0007	0.0007	0.0003	0.0000	0.0001	0.0003	0.0001	0.0001	0.0000	0.0001	0.0008
299	2035	ALT3	WB	MD	Ramp	0.04	0.05	1.33	0.15	464	307	0.0029	0.0027	0.0013	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0007	0.0033
300	2035	ALT3	WB	MD	Ramp	0.42	0.59	13.68	1.67	4959	3300	0.0332	0.0307	0.0137	0.0007	0.0055	0.0159	0.0030	0.0021	0.0003	0.0097	0.0471
301	2035	ALT3	WB	MD	Ramp	0.18	0.26	3.64	0.53	1728	1162	0.0148	0.0137	0.0058	0.0003	0.0037	0.0094	0.0012	0.0010	0.0002	0.0041	0.0406
302	2035	ALT3	WB	MD	Ramp	0.02	0.03	0.78	0.10	282	188	0.0019	0.0017	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0005	0.0027
303	2035	ALT3	WB	MD	Ramp	0.05	0.07	1.30	0.20	522	357	0.0044	0.0041	0.0015	0.0001	0.0010	0.0024	0.0003	0.0002	0.0000	0.0020	0.0105
304	2035	ALT3	WB	MD	Ramp	0.05	0.07	1.34	0.17	544	363	0.0041	0.0038	0.0016	0.0001	0.0007	0.0019	0.0003	0.0003	0.0000	0.0011	0.0061
305	2035	ALT3	WB	MD	Ramp	0.09	0.13	2.43	0.37	1022	695	0.0087	0.0080	0.0030	0.0001	0.0018	0.0047	0.0006	0.0005	0.0001	0.0034	0.0193
306	2035	ALT3	WB	MD	Ramp	0.06	0.09	1.62	0.17	656	430	0.0044	0.0041	0.0020	0.0001	0.0005	0.0017	0.0004	0.0003	0.0001	0.0005	0.0029
307	2035	ALT3	WB	MD	Ramp	0.12	0.18	1.95	0.27	1054	701	0.0095	0.0088	0.0040	0.0002	0.0024	0.0062	0.0008	0.0007	0.0001	0.0016	0.0260
308	2035	ALT3	WB	MD	Ramp	0.12	0.17	2.56	0.37	1184	795	0.0100	0.0092	0.0039	0.0002	0.0023	0.0059	0.0008	0.0006	0.0001	0.0028	0.0243
309	2035	ALT3	WB	MD	Ramp	0.11	0.16	1.73	0.30	911	620	0.0087	0.0080	0.0035	0.0001	0.0032	0.0075	0.0007	0.0005	0.0001	0.0026	0.0386

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
310	2035	ALT3	WB	MD	Ramp	0.42	0.59	10.86	1.97	4590	3192	0.0433	0.0400	0.0132	0.0006	0.0108	0.0257	0.0027	0.0018	0.0004	0.0227	0.1238
311	2035	ALT3	WB	MD	Ramp	0.15	0.21	2.85	0.42	1369	921	0.0118	0.0110	0.0047	0.0002	0.0031	0.0077	0.0010	0.0008	0.0001	0.0033	0.0339
312	2035	ALT3	WB	MD	Ramp	0.04	0.05	1.01	0.14	401	270	0.0031	0.0029	0.0012	0.0001	0.0006	0.0016	0.0002	0.0002	0.0000	0.0011	0.0058
313	2035	ALT3	WB	MD	Ramp	0.32	0.44	10.04	1.37	3678	2480	0.0271	0.0251	0.0101	0.0005	0.0052	0.0139	0.0022	0.0014	0.0003	0.0108	0.0512
314	2035	ALT3	WB	MD	Ramp	0.07	0.11	2.03	0.24	829	549	0.0060	0.0056	0.0025	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0013	0.0071
315	2035	ALT3	WB	MD	Ramp	0.12	0.17	2.69	0.37	1195	800	0.0097	0.0090	0.0038	0.0002	0.0019	0.0051	0.0008	0.0006	0.0001	0.0026	0.0189
316	2035	ALT3	WB	MD	Ramp	0.06	0.09	1.78	0.20	716	472	0.0050	0.0046	0.0021	0.0001	0.0006	0.0021	0.0005	0.0004	0.0001	0.0008	0.0045
317	2035	ALT3	WB	MD	Ramp	0.07	0.11	1.60	0.24	736	497	0.0063	0.0059	0.0024	0.0001	0.0015	0.0038	0.0005	0.0004	0.0001	0.0020	0.0163
318	2035	ALT3	WB	MD	Ramp	0.05	0.06	1.39	0.16	524	346	0.0034	0.0032	0.0015	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0007	0.0034
319	2035	ALT3	WB	MD	Ramp	0.11	0.16	2.70	0.36	1185	792	0.0095	0.0088	0.0037	0.0002	0.0018	0.0048	0.0008	0.0006	0.0001	0.0025	0.0171
320	2035	ALT3	WB	MD	Ramp	0.06	0.09	1.70	0.21	709	470	0.0053	0.0049	0.0021	0.0001	0.0008	0.0024	0.0005	0.0004	0.0001	0.0012	0.0066
321	2035	ALT3	WB	MD	Ramp	0.12	0.17	2.56	0.34	1174	783	0.0096	0.0089	0.0038	0.0002	0.0020	0.0053	0.0008	0.0006	0.0001	0.0022	0.0200
322	2035	ALT3	WB	MD	Ramp	0.09	0.13	1.61	0.24	798	537	0.0071	0.0065	0.0028	0.0001	0.0020	0.0050	0.0006	0.0005	0.0001	0.0019	0.0226
323	2035	ALT3	WB	MD	Ramp	0.17	0.23	4.90	0.73	1904	1296	0.0154	0.0142	0.0053	0.0003	0.0033	0.0083	0.0011	0.0008	0.0001	0.0067	0.0342
324	2035	ALT3	WB	MD	Ramp	0.04	0.05	1.12	0.16	428	289	0.0033	0.0031	0.0012	0.0001	0.0007	0.0017	0.0003	0.0002	0.0000	0.0013	0.0067
325	2035	ALT3	WB	MD	Ramp	0.26	0.38	5.67	0.86	2603	1759	0.0225	0.0208	0.0084	0.0004	0.0053	0.0135	0.0017	0.0014	0.0002	0.0072	0.0578
326	2035	ALT3	WB	MD	Ramp	0.10	0.14	2.64	0.33	1071	713	0.0079	0.0073	0.0032	0.0002	0.0013	0.0037	0.0007	0.0005	0.0001	0.0020	0.0113
327	2035	ALT3	WB	MD	Ramp	0.21	0.30	3.82	0.63	1877	1277	0.0171	0.0158	0.0065	0.0003	0.0053	0.0126	0.0013	0.0010	0.0002	0.0056	0.0609
328	2035	ALT3	WB	MD	Ramp	0.04	0.06	1.36	0.17	512	341	0.0035	0.0033	0.0014	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0010	0.0050
329	2035	ALT3	WB	MD	Ramp	0.11	0.16	2.56	0.36	1140	764	0.0093	0.0086	0.0036	0.0002	0.0019	0.0050	0.0008	0.0006	0.0001	0.0026	0.0188
330	2035	ALT3	WB	MD	Ramp	0.03	0.04	0.85	0.12	323	218	0.0025	0.0023	0.0009	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0010	0.0049
331	2035	ALT3	WB	MD	Ramp	0.13	0.18	3.92	0.57	1503	1020	0.0118	0.0109	0.0042	0.0002	0.0024	0.0063	0.0009	0.0006	0.0001	0.0049	0.0250
332	2035	ALT3	WB	MD	Ramp	0.04	0.06	1.33	0.21	499	344	0.0043	0.0040	0.0013	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0024	0.0103
333	2035	ALT3	WB	MD	Ramp	0.12	0.17	3.45	0.56	1357	933	0.0117	0.0108	0.0038	0.0002	0.0027	0.0066	0.0008	0.0005	0.0001	0.0058	0.0292
334	2035	ALT3	WB	MD	Ramp	0.05	0.07	1.42	0.25	555	385	0.0051	0.0047	0.0015	0.0001	0.0012	0.0028	0.0003	0.0002	0.0000	0.0029	0.0133
335	2035	ALT3	WB	MD	Ramp	0.18	0.24	4.57	0.90	1930	1357	0.0193	0.0178	0.0054	0.0002	0.0050	0.0117	0.0011	0.0007	0.0001	0.0113	0.0589
336	2035	ALT3	WB	MD	Ramp	0.15	0.21	3.96	0.75	1666	1166	0.0162	0.0149	0.0047	0.0002	0.0041	0.0097	0.0009	0.0006	0.0001	0.0091	0.0480
337	2035	ALT3	WB	MD	Ramp	0.08	0.11	2.08	0.36	850	588	0.0077	0.0071	0.0024	0.0001	0.0018	0.0044	0.0005	0.0003	0.0001	0.0039	0.0206
338	2035	ALT3	WB	MD	Ramp	0.05	0.06	1.04	0.31	506	376	0.0068	0.0062	0.0014	0.0000	0.0021	0.0045	0.0003	0.0001	0.0000	0.0051	0.0260
339	2035	ALT3	WB	MD	Ramp	0.21	0.28	6.67	0.99	2404	1636	0.0195	0.0180	0.0064	0.0003	0.0035	0.0092	0.0014	0.0008	0.0002	0.0107	0.0341
340	2035	ALT3	WB	MD	Ramp	0.76	1.03	19.85	3.85	8257	5805	0.0821	0.0758	0.0231	0.0010	0.0210	0.0491	0.0046	0.0030	0.0006	0.0487	0.2471
341	2035	ALT3	WB	MD	Ramp	0.73	1.02	18.58	3.07	7857	5391	0.0696	0.0643	0.0230	0.0011	0.0158	0.0392	0.0047	0.0034	0.0006	0.0312	0.1738
342	2035	ALT3	WB	MD	Ramp	0.11	0.16	2.93	0.49	1232	848	0.0110	0.0102	0.0036	0.0002	0.0026	0.0063	0.0007	0.0005	0.0001	0.0052	0.0285
343	2035	ALT3	WB	MD	Ramp	0.19	0.26	2.43	0.56	1352	948	0.0144	0.0134	0.0057	0.0002	0.0077	0.0169	0.0010	0.0007	0.0001	0.0062	0.0974
344	2035	ALT3	WB	MD	Ramp	0.07	0.10	1.78	0.33	750	523	0.0072	0.0066	0.0021	0.0001	0.0018	0.0043	0.0004	0.0003	0.0001	0.0039	0.0209
345	2035	ALT3	WB	MD	Ramp	0.04	0.05	0.67	0.13	330	228	0.0032	0.0030	0.0011	0.0000	0.0011	0.0026	0.0002	0.0002	0.0000	0.0014	0.0132
346	2035	ALT3	WB	MD	Ramp	0.11	0.15	1.82	0.36	929	645	0.0093	0.0086	0.0034	0.0001	0.0036	0.0082	0.0006	0.0005	0.0001	0.0039	0.0440
347	2035	ALT3	WB	MD	Ramp	0.06	0.08	1.38	0.22	608	414	0.0053	0.0049	0.0018	0.0001	0.0011	0.0029	0.0004	0.0003	0.0000	0.0021	0.0119
348	2035	ALT3	WB	MD	Ramp	0.45	0.62	12.10	2.13	4976	3452	0.0459	0.0424	0.0141	0.0006	0.0111	0.0268	0.0029	0.0019	0.0004	0.0241	0.1267
349	2035	ALT3	WB	MD	Ramp	0.13	0.17	2.90	0.62	1321	935	0.0139	0.0129	0.0039	0.0002	0.0038	0.0088	0.0008	0.0005	0.0001	0.0081	0.0456
350	2035	ALT3	WB	MD	Ramp	0.11	0.16	3.76	0.48	1344	899	0.0092	0.0085	0.0037	0.0002	0.0016	0.0045	0.0008	0.0005	0.0001	0.0032	0.0147
351	2035	ALT3	WB	MD	Ramp	0.09	0.13	1.48	0.34	768	542	0.0082	0.0076	0.0028	0.0001	0.0034	0.0076	0.0005	0.0004	0.0001	0.0041	0.0425
352	2035	ALT3	WB	MD	Ramp	0.04	0.06	1.06	0.13	455	302	0.0034	0.0032	0.0014	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0007	0.0045
353	2035	ALT3	WB	MD	Ramp	0.14	0.20	4.12	0.55	1611	1081	0.0121	0.0112	0.0046	0.0002	0.0022	0.0061	0.0010	0.0007	0.0001	0.0039	0.0212
354	2035	ALT3	WB	MD	Ramp	0.27	0.39	5.45	0.82	2600	1754	0.0227	0.0210	0.0088	0.0004	0.0060	0.0149	0.0018	0.0014	0.0002	0.0067	0.0662
355	2035	ALT3	WB	MD	Ramp	0.11	0.17	2.47	0.36	1137	764	0.0096	0.0089	0.0037	0.0002	0.0022	0.0057	0.0008	0.0006	0.0001	0.0027	0.0235
356	2035	ALT3	WB	MD	Ramp	0.08	0.11	1.68	0.22	768	512	0.0062	0.0057	0.0025	0.0001	0.0012	0.0034	0.0005	0.0004	0.0001	0.0014	0.0122
357	2035	ALT3	WB	MD	Ramp	0.25	0.36	4.73	0.65	2326	1551	0.0198	0.0183	0.0081	0.0004	0.0047	0.0122	0.0017	0.0014	0.0002	0.0041	0.0497

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
358	2035	ALT3	WB	MD	Ramp	0.24	0.33	2.80	0.57	1627	1118	0.0168	0.0155	0.0071	0.0003	0.0085	0.0189	0.0013	0.0010	0.0002	0.0053	0.1055
359	2035	ALT3	WB	MD	Ramp	0.14	0.21	2.65	0.36	1317	877	0.0112	0.0104	0.0046	0.0002	0.0027	0.0070	0.0010	0.0008	0.0001	0.0023	0.0282
360	2035	ALT3	WB	MD	Ramp	0.15	0.22	2.39	0.34	1277	852	0.0115	0.0107	0.0048	0.0002	0.0032	0.0081	0.0010	0.0008	0.0001	0.0022	0.0360
361	2035	ALT3	WB	MD	Ramp	0.12	0.18	1.98	0.29	1053	705	0.0096	0.0089	0.0040	0.0002	0.0029	0.0070	0.0008	0.0007	0.0001	0.0020	0.0322
362	2035	ALT3	WB	MD	Ramp	0.09	0.12	2.07	0.34	917	627	0.0082	0.0076	0.0028	0.0001	0.0018	0.0045	0.0006	0.0004	0.0001	0.0034	0.0194
363	2035	ALT3	WB	MD	Ramp	0.16	0.23	3.39	0.42	1587	1050	0.0126	0.0117	0.0053	0.0003	0.0023	0.0065	0.0011	0.0009	0.0001	0.0022	0.0217
364	2035	ALT3	WB	MD	HOV																	
365	2035	ALT3	WB	MD	HOV																	
366	2035	ALT3	WB	MD	HOT	0.19	0.24	4.78	0.56	1831	1190	0.0078	0.0072	0.0060	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0008	0.0014
367	2035	ALT3	WB	MD	HOT	0.28	0.37	7.19	0.84	2752	1789	0.0117	0.0109	0.0090	0.0005	0.0018	0.0069	0.0021	0.0009	0.0001	0.0011	0.0021
368	2035	ALT3	WB	MD	HOT	0.14	0.19	3.64	0.42	1394	906	0.0060	0.0055	0.0046	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0006	0.0011
369	2035	ALT3	WB	MD	HOT	0.13	0.18	3.45	0.40	1321	859	0.0056	0.0052	0.0043	0.0002	0.0009	0.0033	0.0010	0.0004	0.0001	0.0005	0.0010
370	2035	ALT3	WB	MD	HOT	0.14	0.18	3.60	0.42	1379	897	0.0059	0.0055	0.0045	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0006	0.0010
371	2035	ALT3	WB	MD	HOT	0.06	0.08	1.66	0.19	635	413	0.0027	0.0025	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
372	2035	ALT3	WB	MD	HOT	0.10	0.13	2.56	0.30	981	638	0.0042	0.0039	0.0032	0.0002	0.0006	0.0025	0.0007	0.0003	0.0000	0.0004	0.0007
373	2035	ALT3	WB	MD	HOT	0.07	0.09	1.68	0.20	642	417	0.0027	0.0025	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
374	2035	ALT3	WB	MD	HOT	0.29	0.38	7.52	0.88	2882	1874	0.0123	0.0114	0.0094	0.0005	0.0019	0.0072	0.0022	0.0010	0.0001	0.0012	0.0022
375	2035	ALT3	WB	MD	HOT	0.10	0.13	2.51	0.29	961	625	0.0041	0.0038	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0007
376	2035	ALT3	WB	MD	HOT	0.05	0.06	1.17	0.14	448	291	0.0019	0.0018	0.0015	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0003
377	2035	ALT3	WB	MD	HOT	0.68	0.89	16.93	1.97	6566	4269	0.0281	0.0260	0.0219	0.0012	0.0043	0.0168	0.0050	0.0022	0.0003	0.0027	0.0049
378	2035	ALT3	WB	MD	HOT	0.15	0.20	3.78	0.44	1466	953	0.0063	0.0058	0.0049	0.0003	0.0010	0.0037	0.0011	0.0005	0.0001	0.0006	0.0011
379	2035	ALT3	WB	MD	HOT	0.18	0.24	4.62	0.54	1785	1160	0.0076	0.0071	0.0059	0.0003	0.0012	0.0045	0.0014	0.0006	0.0001	0.0007	0.0013
380	2035	ALT3	WB	MD	HOT	0.17	0.22	4.30	0.50	1659	1078	0.0071	0.0066	0.0055	0.0003	0.0011	0.0042	0.0013	0.0006	0.0001	0.0007	0.0012
381	2035	ALT3	WB	MD	HOT	0.63	0.82	15.75	1.84	6077	3951	0.0260	0.0241	0.0201	0.0011	0.0040	0.0154	0.0046	0.0021	0.0003	0.0025	0.0046
382	2035	ALT3	WB	MD	HOT	0.09	0.12	2.32	0.27	894	581	0.0038	0.0035	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
383	2035	ALT3	WB	MD	HOT	0.39	0.51	9.89	1.15	3817	2482	0.0163	0.0151	0.0126	0.0007	0.0025	0.0097	0.0029	0.0013	0.0002	0.0016	0.0029
384	2035	ALT3	WB	MD	HOT	0.23	0.30	5.86	0.68	2260	1469	0.0097	0.0090	0.0075	0.0004	0.0015	0.0057	0.0017	0.0008	0.0001	0.0009	0.0017
385	2035	ALT3	WB	MD	HOT	0.58	0.76	14.60	1.70	5636	3664	0.0241	0.0223	0.0186	0.0010	0.0037	0.0143	0.0043	0.0019	0.0003	0.0023	0.0042
386	2035	ALT3	WB	MD	HOT	0.17	0.23	4.35	0.51	1679	1091	0.0072	0.0066	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0013
387	2035	ALT3	WB	MD	HOT	0.15	0.20	3.80	0.44	1468	954	0.0063	0.0058	0.0049	0.0003	0.0010	0.0037	0.0011	0.0005	0.0001	0.0006	0.0011
388	2035	ALT3	WB	MD	HOT	0.15	0.20	3.85	0.45	1486	966	0.0063	0.0059	0.0049	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0011
389	2035	ALT3	WB	MD	HOT	0.60	0.78	15.10	1.76	5827	3788	0.0249	0.0231	0.0193	0.0010	0.0038	0.0148	0.0044	0.0020	0.0003	0.0024	0.0044
390	2035	ALT3	WB	MD	HOT	0.04	0.05	0.94	0.11	365	237	0.0016	0.0014	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0003
391	2035	ALT3	WB	MD	HOT	0.50	0.66	12.61	1.47	4876	3170	0.0208	0.0193	0.0162	0.0009	0.0032	0.0124	0.0037	0.0017	0.0002	0.0020	0.0036
392	2035	ALT3	WB	MD	HOT	0.07	0.09	1.79	0.21	693	451	0.0030	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
393	2035	ALT3	WB	MD	HOT	0.48	0.62	11.89	1.39	4598	2990	0.0196	0.0182	0.0152	0.0008	0.0030	0.0117	0.0035	0.0016	0.0002	0.0019	0.0034
394	2035	ALT3	WB	MD	HOT	0.34	0.44	8.48	0.99	3279	2132	0.0140	0.0130	0.0109	0.0006	0.0021	0.0083	0.0025	0.0011	0.0002	0.0013	0.0025
395	2035	ALT3	WB	MD	HOT	0.48	0.63	12.10	1.41	4681	3043	0.0200	0.0185	0.0155	0.0008	0.0031	0.0119	0.0036	0.0016	0.0002	0.0019	0.0035
396	2035	ALT3	WB	MD	HOT	0.14	0.18	3.47	0.40	1340	871	0.0057	0.0053	0.0044	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0010
397	2035	ALT3	WB	MD	HOT	0.48	0.63	12.01	1.40	4645	3020	0.0198	0.0184	0.0154	0.0008	0.0030	0.0118	0.0035	0.0016	0.0002	0.0019	0.0035
398	2035	ALT3	WB	MD	HOT	0.69	0.90	17.36	2.02	6711	4363	0.0287	0.0266	0.0222	0.0012	0.0044	0.0171	0.0051	0.0023	0.0003	0.0028	0.0050
399	2035	ALT3	WB	MD	HOT	0.59	0.77	14.79	1.72	5719	3718	0.0244	0.0227	0.0190	0.0010	0.0037	0.0145	0.0044	0.0019	0.0003	0.0024	0.0043
400	2035	ALT3	WB	MD	HOT	0.43	0.56	10.67	1.24	4124	2681	0.0176	0.0163	0.0137	0.0007	0.0027	0.0105	0.0031	0.0014	0.0002	0.0017	0.0031
401	2035	ALT3	WB	MD	HOT	0.31	0.40	7.64	0.89	2953	1920	0.0126	0.0117	0.0098	0.0005	0.0019	0.0075	0.0023	0.0010	0.0001	0.0012	0.0022
402	2035	ALT3	WB	MD	HOT	0.29	0.38	7.36	0.86	2847	1851	0.0122	0.0113	0.0094	0.0005	0.0019	0.0072	0.0022	0.0010	0.0001	0.0012	0.0021
403	2035	ALT3	WB	MD	HOT	0.55	0.71	13.54	1.58	5251	3414	0.0224	0.0208	0.0175	0.0009	0.0035	0.0134	0.0040	0.0018	0.0003	0.0022	0.0039
404	2035	ALT3	WB	MD	HOT	0.31	0.40	7.65	0.89	2966	1928	0.0127	0.0118	0.0099	0.0005	0.0020	0.0076	0.0023	0.0010	0.0001	0.0012	0.0022
405	2035	ALT3	WB	MD	HOT	0.43	0.55	10.58	1.23	4103	2667	0.0175	0.0163	0.0137	0.0007	0.0027	0.0105	0.0031	0.0014	0.0002	0.0017	0.0031

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
406	2035	ALT3	WB	MD	HOT	0.33	0.43	8.21	0.96	3183	2069	0.0136	0.0126	0.0106	0.0006	0.0021	0.0081	0.0024	0.0011	0.0002	0.0013	0.0024
407	2035	ALT3	WB	MD	HOT	0.50	0.65	12.38	1.44	4800	3120	0.0205	0.0190	0.0160	0.0009	0.0032	0.0123	0.0037	0.0016	0.0002	0.0020	0.0036
408	2035	ALT3	WB	MD	HOT	0.31	0.41	7.74	0.90	3002	1952	0.0128	0.0119	0.0100	0.0005	0.0020	0.0077	0.0023	0.0010	0.0001	0.0012	0.0022
409	2035	ALT3	WB	MD	HOT	0.44	0.57	10.80	1.26	4189	2723	0.0179	0.0166	0.0139	0.0008	0.0028	0.0107	0.0032	0.0014	0.0002	0.0017	0.0031
410	2035	ALT3	WB	MD	HOT	1.23	1.60	32.10	3.73	12164	7909	0.0519	0.0481	0.0393	0.0021	0.0078	0.0302	0.0090	0.0041	0.0006	0.0050	0.0093
411	2035	ALT3	WB	MD	HOT	0.66	0.86	17.19	2.00	6515	4236	0.0278	0.0258	0.0211	0.0011	0.0042	0.0162	0.0048	0.0022	0.0003	0.0027	0.0050
412	2035	ALT3	WB	MD	HOT	0.25	0.33	6.59	0.77	2497	1623	0.0107	0.0099	0.0081	0.0004	0.0016	0.0062	0.0019	0.0009	0.0001	0.0010	0.0019
413	2035	ALT3	WB	MD	HOT	0.13	0.17	3.37	0.39	1277	830	0.0054	0.0051	0.0041	0.0002	0.0008	0.0032	0.0009	0.0004	0.0001	0.0005	0.0010
414	2035	ALT3	WB	MD	HOT	0.55	0.72	14.36	1.67	5442	3538	0.0232	0.0215	0.0176	0.0009	0.0035	0.0135	0.0040	0.0019	0.0003	0.0022	0.0042
415	2035	ALT3	WB	MD	HOT	0.13	0.17	3.37	0.39	1276	829	0.0054	0.0050	0.0041	0.0002	0.0008	0.0032	0.0009	0.0004	0.0001	0.0005	0.0010
416	2035	ALT3	WB	MD	HOT	0.02	0.03	0.52	0.06	198	129	0.0008	0.0008	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0002
417	2035	ALT3	WB	MD	HOT	0.56	0.73	14.69	1.71	5568	3620	0.0238	0.0220	0.0180	0.0010	0.0036	0.0138	0.0041	0.0019	0.0003	0.0023	0.0043
418	2035	ALT3	WB	MD	HOT	0.24	0.32	6.32	0.73	2395	1557	0.0102	0.0095	0.0077	0.0004	0.0015	0.0059	0.0018	0.0008	0.0001	0.0010	0.0018
419	2035	ALT3	WB	MD	HOT	0.40	0.52	10.41	1.21	3946	2565	0.0168	0.0156	0.0128	0.0007	0.0025	0.0098	0.0029	0.0013	0.0002	0.0016	0.0030
420	2035	ALT3	WB	MD	HOT	0.39	0.51	10.11	1.18	3866	2513	0.0165	0.0153	0.0126	0.0007	0.0025	0.0097	0.0029	0.0013	0.0002	0.0016	0.0029
421	2035	ALT3	WB	MD	HOT	0.37	0.49	9.57	1.12	3659	2379	0.0156	0.0145	0.0120	0.0006	0.0024	0.0092	0.0028	0.0012	0.0002	0.0015	0.0028
422	2035	ALT3	WB	MD	HOT	0.44	0.58	11.36	1.32	4345	2825	0.0186	0.0172	0.0142	0.0008	0.0028	0.0109	0.0033	0.0015	0.0002	0.0018	0.0033
423	2035	ALT3	WB	MD	HOT	0.85	1.11	21.90	2.55	8376	5446	0.0358	0.0332	0.0274	0.0015	0.0054	0.0210	0.0063	0.0029	0.0004	0.0034	0.0064
424	2035	ALT3	WB	MD	HOT	0.21	0.27	5.36	0.62	2048	1332	0.0087	0.0081	0.0067	0.0004	0.0013	0.0051	0.0015	0.0007	0.0001	0.0008	0.0016
425	2035	ALT3	WB	MD	HOT	0.49	0.64	12.66	1.48	4841	3148	0.0207	0.0192	0.0158	0.0009	0.0031	0.0121	0.0036	0.0016	0.0002	0.0020	0.0037
426	2035	ALT3	WB	MD	HOT	0.26	0.34	6.66	0.78	2548	1656	0.0109	0.0101	0.0083	0.0004	0.0016	0.0064	0.0019	0.0009	0.0001	0.0010	0.0019
427	2035	ALT3	WB	MD	HOT	0.50	0.65	12.74	1.49	4872	3168	0.0208	0.0193	0.0159	0.0009	0.0031	0.0122	0.0037	0.0017	0.0002	0.0020	0.0037
428	2035	ALT3	WB	MD	HOT	0.53	0.69	13.60	1.59	5202	3382	0.0222	0.0206	0.0170	0.0009	0.0034	0.0130	0.0039	0.0018	0.0003	0.0021	0.0040
429	2035	ALT3	WB	MD	HOT	0.35	0.46	9.07	1.06	3468	2255	0.0148	0.0137	0.0113	0.0006	0.0022	0.0087	0.0026	0.0012	0.0002	0.0014	0.0026
430	2035	ALT3	WB	MD	HOT	0.50	0.65	13.90	1.60	5109	3322	0.0218	0.0202	0.0159	0.0009	0.0031	0.0122	0.0037	0.0017	0.0003	0.0020	0.0041
431	2035	ALT3	WB	MD	HOT	0.45	0.59	12.53	1.44	4604	2994	0.0196	0.0182	0.0144	0.0008	0.0028	0.0110	0.0033	0.0016	0.0002	0.0018	0.0037
432	2035	ALT3	WB	MD	HOT	0.53	0.69	14.75	1.70	5423	3526	0.0231	0.0214	0.0169	0.0009	0.0033	0.0130	0.0039	0.0019	0.0003	0.0022	0.0043
433	2035	ALT3	WB	MD	HOT	0.40	0.53	11.17	1.29	4119	2678	0.0176	0.0163	0.0129	0.0007	0.0025	0.0099	0.0030	0.0014	0.0002	0.0017	0.0033
434	2035	ALT3	WB	MD	HOT	0.34	0.44	9.39	1.08	3462	2251	0.0148	0.0137	0.0108	0.0006	0.0021	0.0083	0.0025	0.0012	0.0002	0.0014	0.0027
435	2035	ALT3	WB	MD	HOT	0.65	0.85	18.01	2.07	6643	4319	0.0283	0.0263	0.0208	0.0011	0.0041	0.0160	0.0048	0.0023	0.0003	0.0027	0.0053
436	2035	ALT3	WB	MD	HOT	0.06	0.08	1.73	0.20	637	414	0.0027	0.0025	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0003	0.0005
437	2035	ALT3	WB	MD	HOT	0.69	0.90	19.15	2.21	7065	4594	0.0301	0.0279	0.0221	0.0012	0.0044	0.0170	0.0051	0.0024	0.0004	0.0028	0.0056
216	2035	ALT3	WB	PM	Mainline	0.98	1.24	20.80	5.12	10021	7174	0.1765	0.1626	0.0296	0.0014	0.0207	0.0508	0.0062	0.0027	0.0010	0.1478	0.2190
217	2035	ALT3	WB	PM	Mainline	1.74	2.21	37.51	9.57	18154	13072	0.3289	0.3030	0.0524	0.0024	0.0393	0.0949	0.0109	0.0048	0.0018	0.2782	0.4256
218	2035	ALT3	WB	PM	Mainline	1.37	1.75	31.05	6.90	14216	10042	0.2157	0.1988	0.0418	0.0020	0.0266	0.0669	0.0089	0.0040	0.0013	0.1731	0.2725
219	2035	ALT3	WB	PM	Mainline	1.81	2.32	44.57	9.89	19700	13993	0.2875	0.2650	0.0547	0.0025	0.0398	0.0970	0.0114	0.0054	0.0017	0.2296	0.4302
220	2035	ALT3	WB	PM	Mainline	1.07	1.37	25.29	5.44	11277	7949	0.1617	0.1491	0.0325	0.0015	0.0210	0.0526	0.0069	0.0032	0.0010	0.1277	0.2169
221	2035	ALT3	WB	PM	Mainline	0.89	1.15	22.36	4.87	9791	6940	0.1394	0.1284	0.0271	0.0012	0.0195	0.0476	0.0057	0.0027	0.0008	0.1103	0.2094
222	2035	ALT3	WB	PM	Mainline	1.08	1.38	26.11	5.48	11461	8058	0.1581	0.1457	0.0329	0.0015	0.0210	0.0527	0.0070	0.0032	0.0010	0.1231	0.2162
223	2035	ALT3	WB	PM	Mainline	0.51	0.65	12.76	2.62	5493	3858	0.0730	0.0673	0.0155	0.0007	0.0101	0.0252	0.0033	0.0016	0.0005	0.0562	0.1047
224	2035	ALT3	WB	PM	Mainline	0.56	0.72	13.47	2.46	5757	3961	0.0660	0.0609	0.0174	0.0009	0.0085	0.0230	0.0038	0.0017	0.0004	0.0471	0.0766
225	2035	ALT3	WB	PM	Mainline	0.36	0.46	8.58	1.58	3685	2538	0.0429	0.0396	0.0112	0.0006	0.0055	0.0148	0.0024	0.0011	0.0003	0.0309	0.0496
226	2035	ALT3	WB	PM	Mainline	1.70	2.18	38.15	7.03	16785	11547	0.2003	0.1847	0.0527	0.0026	0.0247	0.0675	0.0116	0.0050	0.0013	0.1452	0.2164
227	2035	ALT3	WB	PM	Mainline	0.69	0.88	15.50	2.72	6744	4610	0.0748	0.0690	0.0215	0.0011	0.0093	0.0261	0.0047	0.0021	0.0005	0.0522	0.0773
228	2035	ALT3	WB	PM	Mainline	0.40	0.51	9.01	1.52	3871	2634	0.0402	0.0371	0.0123	0.0006	0.0051	0.0145	0.0027	0.0012	0.0003	0.0271	0.0406
229	2035	ALT3	WB	PM	Mainline	2.20	2.83	52.55	9.44	22405	15377	0.2507	0.2313	0.0683	0.0034	0.0323	0.0879	0.0150	0.0067	0.0017	0.1767	0.2845
230	2035	ALT3	WB	PM	Mainline	0.58	0.75	13.84	2.41	5871	4012	0.0627	0.0578	0.0181	0.0009	0.0080	0.0223	0.0040	0.0018	0.0004	0.0430	0.0682
231	2035	ALT3	WB	PM	Mainline	0.59	0.77	14.75	2.59	6163	4222	0.0660	0.0609	0.0185	0.0009	0.0088	0.0238	0.0040	0.0019	0.0004	0.0455	0.0775

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
232	2035	ALT3	WB	PM	Mainline	0.64	0.83	15.44	2.71	6529	4468	0.0704	0.0650	0.0199	0.0010	0.0091	0.0251	0.0044	0.0020	0.0005	0.0487	0.0790
233	2035	ALT3	WB	PM	Mainline	1.87	2.46	55.31	9.28	21253	14627	0.2081	0.1920	0.0580	0.0028	0.0334	0.0861	0.0124	0.0064	0.0015	0.1371	0.3319
234	2035	ALT3	WB	PM	Mainline	0.31	0.41	8.91	1.48	3485	2386	0.0339	0.0313	0.0098	0.0005	0.0050	0.0134	0.0021	0.0011	0.0002	0.0222	0.0472
235	2035	ALT3	WB	PM	Mainline	1.21	1.60	37.32	6.04	13969	9587	0.1280	0.1181	0.0377	0.0018	0.0218	0.0563	0.0080	0.0043	0.0009	0.0799	0.2186
236	2035	ALT3	WB	PM	Mainline	0.80	1.06	23.73	3.85	9078	6213	0.0852	0.0786	0.0251	0.0012	0.0132	0.0349	0.0054	0.0028	0.0006	0.0545	0.1259
237	2035	ALT3	WB	PM	Mainline	1.41	1.82	34.43	6.08	14493	9934	0.1575	0.1453	0.0438	0.0022	0.0206	0.0563	0.0096	0.0044	0.0011	0.1094	0.1821
238	2035	ALT3	WB	PM	Mainline	0.45	0.58	11.39	1.95	4690	3206	0.0483	0.0446	0.0139	0.0007	0.0065	0.0178	0.0031	0.0014	0.0003	0.0326	0.0575
239	2035	ALT3	WB	PM	Mainline	0.40	0.51	10.19	1.74	4171	2851	0.0425	0.0392	0.0123	0.0006	0.0058	0.0158	0.0027	0.0013	0.0003	0.0285	0.0510
240	2035	ALT3	WB	PM	Mainline	0.50	0.65	13.65	2.21	5399	3671	0.0501	0.0462	0.0157	0.0008	0.0071	0.0195	0.0034	0.0017	0.0004	0.0317	0.0610
241	2035	ALT3	WB	PM	Mainline	1.79	2.34	50.60	8.16	19680	13413	0.1827	0.1686	0.0559	0.0028	0.0268	0.0729	0.0122	0.0061	0.0013	0.1158	0.2424
242	2035	ALT3	WB	PM	Mainline	0.13	0.17	3.51	0.57	1399	951	0.0130	0.0120	0.0041	0.0002	0.0018	0.0051	0.0009	0.0004	0.0001	0.0083	0.0154
243	2035	ALT3	WB	PM	Mainline	1.54	2.03	45.13	7.18	17266	11770	0.1569	0.1448	0.0483	0.0024	0.0238	0.0641	0.0105	0.0053	0.0011	0.0980	0.2186
244	2035	ALT3	WB	PM	Mainline	0.25	0.32	6.61	1.08	2649	1802	0.0251	0.0231	0.0078	0.0004	0.0035	0.0096	0.0017	0.0008	0.0002	0.0161	0.0297
245	2035	ALT3	WB	PM	Mainline	1.45	1.91	42.02	6.76	16190	11047	0.1498	0.1383	0.0454	0.0022	0.0225	0.0606	0.0099	0.0050	0.0011	0.0948	0.2076
246	2035	ALT3	WB	PM	Mainline	1.18	1.54	31.68	5.17	12644	8603	0.1196	0.1103	0.0370	0.0018	0.0167	0.0461	0.0081	0.0039	0.0009	0.0766	0.1439
247	2035	ALT3	WB	PM	Mainline	1.48	1.94	42.35	6.86	16398	11195	0.1535	0.1416	0.0461	0.0023	0.0229	0.0616	0.0100	0.0050	0.0011	0.0979	0.2114
248	2035	ALT3	WB	PM	Mainline	0.48	0.62	12.57	2.08	5077	3457	0.0491	0.0453	0.0150	0.0007	0.0068	0.0187	0.0033	0.0016	0.0004	0.0319	0.0581
249	2035	ALT3	WB	PM	Mainline	1.58	2.04	39.67	6.69	16347	11144	0.1642	0.1515	0.0492	0.0025	0.0220	0.0610	0.0108	0.0050	0.0012	0.1090	0.1873
250	2035	ALT3	WB	PM	Mainline	2.43	3.17	66.09	10.80	26232	17862	0.2480	0.2288	0.0760	0.0038	0.0350	0.0961	0.0167	0.0081	0.0018	0.1590	0.3060
251	2035	ALT3	WB	PM	Mainline	1.79	2.34	50.46	8.26	19729	13474	0.1877	0.1732	0.0559	0.0027	0.0276	0.0743	0.0122	0.0060	0.0013	0.1210	0.2528
252	2035	ALT3	WB	PM	Mainline	1.49	1.94	39.84	6.57	15945	10864	0.1534	0.1415	0.0465	0.0023	0.0214	0.0588	0.0102	0.0049	0.0011	0.0994	0.1869
253	2035	ALT3	WB	PM	Mainline	1.07	1.39	28.53	4.71	11419	7781	0.1098	0.1013	0.0333	0.0017	0.0153	0.0421	0.0073	0.0035	0.0008	0.0712	0.1339
254	2035	ALT3	WB	PM	Mainline	1.03	1.34	27.50	4.54	11008	7501	0.1059	0.0977	0.0321	0.0016	0.0148	0.0406	0.0070	0.0034	0.0008	0.0686	0.1291
255	2035	ALT3	WB	PM	Mainline	1.70	2.21	46.79	7.90	18564	12720	0.1851	0.1708	0.0528	0.0026	0.0269	0.0717	0.0115	0.0056	0.0013	0.1232	0.2503
256	2035	ALT3	WB	PM	Mainline	1.10	1.42	28.42	4.81	11591	7916	0.1167	0.1077	0.0343	0.0017	0.0159	0.0437	0.0075	0.0035	0.0008	0.0778	0.1400
257	2035	ALT3	WB	PM	Mainline	1.30	1.70	35.25	6.04	14160	9710	0.1446	0.1334	0.0406	0.0020	0.0205	0.0549	0.0088	0.0043	0.0010	0.0976	0.1905
258	2035	ALT3	WB	PM	Mainline	1.28	1.65	30.80	5.31	12989	8866	0.1361	0.1256	0.0399	0.0020	0.0176	0.0490	0.0088	0.0040	0.0009	0.0924	0.1485
259	2035	ALT3	WB	PM	Mainline	1.87	2.40	43.77	7.61	18682	12760	0.2002	0.1847	0.0581	0.0029	0.0255	0.0712	0.0128	0.0057	0.0014	0.1375	0.2140
260	2035	ALT3	WB	PM	Mainline	1.21	1.57	29.30	5.06	12345	8430	0.1297	0.1197	0.0378	0.0019	0.0168	0.0467	0.0083	0.0038	0.0009	0.0883	0.1426
261	2035	ALT3	WB	PM	Mainline	1.45	1.88	35.81	6.21	14965	10233	0.1576	0.1454	0.0452	0.0023	0.0208	0.0571	0.0099	0.0045	0.0011	0.1075	0.1802
262	2035	ALT3	WB	PM	Mainline	3.84	4.95	91.64	16.01	38884	26578	0.4165	0.3842	0.1196	0.0060	0.0535	0.1484	0.0263	0.0118	0.0028	0.2864	0.4552
263	2035	ALT3	WB	PM	Mainline	1.82	2.36	45.95	7.87	18990	12977	0.1958	0.1806	0.0569	0.0028	0.0262	0.0720	0.0125	0.0058	0.0014	0.1321	0.2286
264	2035	ALT3	WB	PM	Mainline	0.66	0.87	20.21	3.23	7554	5174	0.0683	0.0630	0.0205	0.0010	0.0114	0.0298	0.0044	0.0024	0.0005	0.0422	0.1128
265	2035	ALT3	WB	PM	Mainline	0.37	0.49	10.38	1.72	4083	2791	0.0395	0.0364	0.0116	0.0006	0.0058	0.0155	0.0025	0.0012	0.0003	0.0257	0.0530
266	2035	ALT3	WB	PM	Mainline	1.29	1.67	35.03	5.78	13909	9487	0.1336	0.1233	0.0401	0.0020	0.0189	0.0517	0.0088	0.0043	0.0010	0.0866	0.1687
267	2035	ALT3	WB	PM	Mainline	0.37	0.48	10.50	1.67	4070	2768	0.0370	0.0341	0.0116	0.0006	0.0054	0.0148	0.0025	0.0013	0.0003	0.0230	0.0480
268	2035	ALT3	WB	PM	Mainline	0.08	0.10	1.85	0.30	764	517	0.0072	0.0066	0.0024	0.0001	0.0009	0.0027	0.0005	0.0002	0.0001	0.0045	0.0074
269	2035	ALT3	WB	PM	Mainline	1.63	2.16	49.51	7.45	18459	12507	0.1539	0.1421	0.0513	0.0025	0.0236	0.0650	0.0112	0.0058	0.0012	0.0895	0.2091
270	2035	ALT3	WB	PM	Mainline	0.73	0.98	23.68	3.47	8531	5782	0.0676	0.0624	0.0230	0.0011	0.0114	0.0307	0.0050	0.0028	0.0005	0.0368	0.1061
271	2035	ALT3	WB	PM	Mainline	1.20	1.64	40.05	5.56	14208	9604	0.1054	0.0974	0.0381	0.0018	0.0198	0.0526	0.0082	0.0051	0.0009	0.0486	0.1916
272	2035	ALT3	WB	PM	Mainline	0.77	1.04	25.37	3.69	9071	6157	0.0713	0.0658	0.0243	0.0012	0.0128	0.0339	0.0052	0.0030	0.0006	0.0375	0.1241
273	2035	ALT3	WB	PM	Mainline	0.78	1.03	23.90	3.58	8847	5996	0.0731	0.0675	0.0244	0.0012	0.0114	0.0313	0.0053	0.0028	0.0006	0.0421	0.1026
274	2035	ALT3	WB	PM	Mainline	0.91	1.19	26.49	4.07	10073	6828	0.0865	0.0798	0.0285	0.0014	0.0129	0.0356	0.0062	0.0031	0.0007	0.0515	0.1122
275	2035	ALT3	WB	PM	Mainline	1.67	2.17	43.40	6.74	17358	11712	0.1507	0.1391	0.0525	0.0027	0.0206	0.0596	0.0117	0.0055	0.0011	0.0902	0.1592
276	2035	ALT3	WB	PM	Mainline	0.48	0.63	12.44	1.89	4967	3340	0.0413	0.0381	0.0152	0.0008	0.0056	0.0166	0.0034	0.0016	0.0003	0.0238	0.0414
277	2035	ALT3	WB	PM	Mainline	0.97	1.26	25.80	3.96	10197	6874	0.0865	0.0798	0.0305	0.0016	0.0119	0.0346	0.0068	0.0032	0.0007	0.0508	0.0926
278	2035	ALT3	WB	PM	Mainline	0.52	0.67	14.48	2.20	5588	3773	0.0469	0.0433	0.0162	0.0008	0.0067	0.0191	0.0036	0.0018	0.0004	0.0274	0.0548
279	2035	ALT3	WB	PM	Mainline	0.95	1.27	30.91	4.44	11050	7470	0.0848	0.0784	0.0299	0.0015	0.0143	0.0389	0.0065	0.0036	0.0007	0.0444	0.1305

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
280	2035	ALT3	WB	PM	Mainline	0.94	1.23	26.68	4.12	10286	6965	0.0888	0.0820	0.0296	0.0015	0.0129	0.0360	0.0065	0.0032	0.0007	0.0531	0.1088
281	2035	ALT3	WB	PM	Mainline	0.66	0.88	21.10	3.09	7657	5182	0.0607	0.0560	0.0209	0.0010	0.0099	0.0270	0.0045	0.0025	0.0005	0.0332	0.0896
282	2035	ALT3	WB	PM	Mainline	0.98	1.29	28.59	4.37	10863	7359	0.0925	0.0854	0.0308	0.0015	0.0137	0.0382	0.0067	0.0034	0.0007	0.0548	0.1190
283	2035	ALT3	WB	PM	Mainline	0.90	1.19	27.55	4.10	10191	6900	0.0834	0.0770	0.0282	0.0014	0.0130	0.0357	0.0062	0.0032	0.0006	0.0476	0.1149
284	2035	ALT3	WB	PM	Mainline	1.11	1.48	36.17	5.21	12939	8753	0.1000	0.0923	0.0349	0.0017	0.0170	0.0460	0.0076	0.0043	0.0008	0.0525	0.1566
285	2035	ALT3	WB	PM	Mainline	0.80	1.06	24.01	3.55	8970	6054	0.0723	0.0667	0.0253	0.0013	0.0108	0.0305	0.0056	0.0028	0.0006	0.0407	0.0914
286	2035	ALT3	WB	PM	Mainline	0.70	0.93	22.14	3.18	8008	5403	0.0616	0.0568	0.0220	0.0011	0.0098	0.0273	0.0048	0.0026	0.0005	0.0326	0.0862
287	2035	ALT3	WB	PM	Mainline	1.28	1.68	37.16	5.47	14042	9457	0.1120	0.1034	0.0403	0.0020	0.0163	0.0468	0.0089	0.0044	0.0009	0.0624	0.1318
288	2035	ALT3	WB	PM	Mainline	0.14	0.18	3.85	0.58	1500	1008	0.0121	0.0112	0.0044	0.0002	0.0017	0.0050	0.0010	0.0005	0.0001	0.0068	0.0128
289	2035	ALT3	WB	PM	Mainline	1.36	1.78	39.41	5.78	14890	10021	0.1178	0.1088	0.0428	0.0022	0.0172	0.0494	0.0095	0.0047	0.0009	0.0652	0.1371
290	2035	ALT3	WB	PM	Ramp	0.06	0.08	1.95	0.23	670	444	0.0041	0.0038	0.0018	0.0001	0.0006	0.0019	0.0004	0.0003	0.0000	0.0011	0.0046
291	2035	ALT3	WB	PM	Ramp	0.06	0.08	1.71	0.20	641	424	0.0043	0.0039	0.0018	0.0001	0.0006	0.0019	0.0004	0.0003	0.0000	0.0010	0.0050
292	2035	ALT3	WB	PM	Ramp	0.02	0.03	0.64	0.07	223	148	0.0014	0.0013	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0003	0.0015
293	2035	ALT3	WB	PM	Ramp	0.17	0.25	2.63	0.36	1453	965	0.0132	0.0122	0.0056	0.0003	0.0033	0.0086	0.0012	0.0010	0.0001	0.0020	0.0357
294	2035	ALT3	WB	PM	Ramp	0.06	0.08	1.52	0.19	627	416	0.0046	0.0043	0.0019	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0011	0.0059
295	2035	ALT3	WB	PM	Ramp	0.18	0.27	2.62	0.33	1524	1002	0.0141	0.0130	0.0059	0.0003	0.0027	0.0075	0.0013	0.0011	0.0002	0.0014	0.0258
296	2035	ALT3	WB	PM	Ramp	0.07	0.10	1.23	0.19	607	409	0.0054	0.0050	0.0021	0.0001	0.0016	0.0038	0.0004	0.0003	0.0001	0.0015	0.0176
297	2035	ALT3	WB	PM	Ramp	1.52	2.07	30.41	7.58	15053	10818	0.1744	0.1609	0.0456	0.0018	0.0515	0.1158	0.0086	0.0060	0.0013	0.1082	0.6315
298	2035	ALT3	WB	PM	Ramp	0.00	0.01	0.13	0.01	47	31	0.0003	0.0003	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0003
299	2035	ALT3	WB	PM	Ramp	0.02	0.03	0.69	0.09	245	164	0.0017	0.0015	0.0007	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0006	0.0026
300	2035	ALT3	WB	PM	Ramp	0.41	0.58	13.22	1.58	4796	3183	0.0315	0.0292	0.0133	0.0007	0.0050	0.0149	0.0029	0.0020	0.0003	0.0084	0.0411
301	2035	ALT3	WB	PM	Ramp	0.20	0.29	3.17	0.44	1704	1133	0.0153	0.0141	0.0064	0.0003	0.0039	0.0100	0.0013	0.0011	0.0002	0.0026	0.0419
302	2035	ALT3	WB	PM	Ramp	0.01	0.02	0.45	0.06	162	108	0.0011	0.0010	0.0004	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0004	0.0017
303	2035	ALT3	WB	PM	Ramp	0.08	0.11	1.88	0.24	809	538	0.0062	0.0057	0.0025	0.0001	0.0010	0.0029	0.0005	0.0004	0.0001	0.0014	0.0088
304	2035	ALT3	WB	PM	Ramp	0.03	0.05	0.87	0.11	351	234	0.0026	0.0024	0.0010	0.0001	0.0004	0.0012	0.0002	0.0002	0.0000	0.0007	0.0038
305	2035	ALT3	WB	PM	Ramp	0.19	0.27	3.27	0.45	1666	1111	0.0145	0.0134	0.0060	0.0003	0.0037	0.0094	0.0013	0.0010	0.0002	0.0029	0.0393
306	2035	ALT3	WB	PM	Ramp	0.03	0.05	0.90	0.10	357	235	0.0025	0.0023	0.0010	0.0001	0.0003	0.0011	0.0002	0.0002	0.0000	0.0005	0.0025
307	2035	ALT3	WB	PM	Ramp																	
308	2035	ALT3	WB	PM	Ramp	0.07	0.10	1.56	0.21	697	466	0.0057	0.0052	0.0022	0.0001	0.0011	0.0031	0.0005	0.0004	0.0001	0.0015	0.0114
309	2035	ALT3	WB	PM	Ramp	0.18	0.27	2.07	0.32	1349	897	0.0138	0.0128	0.0058	0.0003	0.0042	0.0103	0.0012	0.0011	0.0002	0.0018	0.0481
310	2035	ALT3	WB	PM	Ramp	0.39	0.57	9.16	1.33	4079	2747	0.0341	0.0316	0.0127	0.0006	0.0071	0.0186	0.0027	0.0021	0.0003	0.0106	0.0731
311	2035	ALT3	WB	PM	Ramp	0.20	0.30	3.37	0.43	1790	1183	0.0156	0.0145	0.0066	0.0003	0.0034	0.0091	0.0014	0.0012	0.0002	0.0022	0.0339
312	2035	ALT3	WB	PM	Ramp	0.03	0.05	0.98	0.12	380	252	0.0027	0.0025	0.0011	0.0001	0.0004	0.0013	0.0002	0.0002	0.0000	0.0007	0.0037
313	2035	ALT3	WB	PM	Ramp	0.33	0.47	10.34	1.27	3823	2543	0.0260	0.0241	0.0107	0.0005	0.0043	0.0124	0.0023	0.0017	0.0003	0.0073	0.0366
314	2035	ALT3	WB	PM	Ramp	0.07	0.10	1.76	0.20	755	497	0.0055	0.0051	0.0023	0.0001	0.0008	0.0024	0.0005	0.0004	0.0001	0.0009	0.0057
315	2035	ALT3	WB	PM	Ramp	0.10	0.14	2.33	0.29	1031	684	0.0080	0.0074	0.0033	0.0002	0.0014	0.0040	0.0007	0.0006	0.0001	0.0017	0.0130
316	2035	ALT3	WB	PM	Ramp	0.05	0.07	1.30	0.14	526	345	0.0036	0.0033	0.0016	0.0001	0.0004	0.0014	0.0003	0.0003	0.0000	0.0005	0.0025
317	2035	ALT3	WB	PM	Ramp	0.08	0.11	1.70	0.22	783	521	0.0063	0.0059	0.0026	0.0001	0.0013	0.0035	0.0005	0.0004	0.0001	0.0014	0.0127
318	2035	ALT3	WB	PM	Ramp	0.06	0.09	1.63	0.18	661	434	0.0045	0.0042	0.0020	0.0001	0.0005	0.0018	0.0004	0.0003	0.0001	0.0006	0.0032
319	2035	ALT3	WB	PM	Ramp	0.11	0.16	2.58	0.31	1130	748	0.0086	0.0080	0.0036	0.0002	0.0014	0.0041	0.0008	0.0006	0.0001	0.0016	0.0121
320	2035	ALT3	WB	PM	Ramp	0.08	0.12	1.73	0.20	815	537	0.0064	0.0059	0.0027	0.0001	0.0010	0.0031	0.0006	0.0005	0.0001	0.0009	0.0089
321	2035	ALT3	WB	PM	Ramp	0.09	0.13	1.89	0.24	864	573	0.0068	0.0063	0.0028	0.0001	0.0013	0.0035	0.0006	0.0005	0.0001	0.0013	0.0119
322	2035	ALT3	WB	PM	Ramp	0.09	0.13	1.38	0.19	768	510	0.0070	0.0065	0.0030	0.0001	0.0018	0.0047	0.0006	0.0005	0.0001	0.0011	0.0200
323	2035	ALT3	WB	PM	Ramp	0.15	0.21	4.53	0.57	1714	1144	0.0121	0.0112	0.0048	0.0002	0.0021	0.0059	0.0010	0.0008	0.0001	0.0036	0.0188
324	2035	ALT3	WB	PM	Ramp	0.06	0.08	1.61	0.20	632	421	0.0045	0.0042	0.0018	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0012	0.0063
325	2035	ALT3	WB	PM	Ramp	0.22	0.32	4.78	0.64	2188	1461	0.0178	0.0165	0.0071	0.0003	0.0037	0.0099	0.0015	0.0012	0.0002	0.0043	0.0372
326	2035	ALT3	WB	PM	Ramp	0.11	0.17	2.72	0.31	1190	783	0.0088	0.0082	0.0038	0.0002	0.0012	0.0039	0.0008	0.0007	0.0001	0.0013	0.0096
327	2035	ALT3	WB	PM	Ramp	0.13	0.19	2.59	0.37	1244	833	0.0106	0.0098	0.0042	0.0002	0.0026	0.0067	0.0009	0.0007	0.0001	0.0026	0.0280

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
328	2035	ALT3	WB	PM	Ramp	0.04	0.06	1.35	0.15	513	338	0.0034	0.0031	0.0015	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0006	0.0034
329	2035	ALT3	WB	PM	Ramp	0.09	0.13	2.04	0.25	898	595	0.0069	0.0064	0.0028	0.0001	0.0011	0.0033	0.0006	0.0005	0.0001	0.0013	0.0100
330	2035	ALT3	WB	PM	Ramp	0.04	0.05	1.11	0.13	420	278	0.0028	0.0026	0.0012	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0007	0.0035
331	2035	ALT3	WB	PM	Ramp	0.10	0.14	2.97	0.39	1114	746	0.0080	0.0074	0.0031	0.0002	0.0014	0.0040	0.0007	0.0005	0.0001	0.0027	0.0135
332	2035	ALT3	WB	PM	Ramp	0.05	0.07	1.70	0.22	606	406	0.0042	0.0039	0.0016	0.0001	0.0008	0.0021	0.0004	0.0002	0.0000	0.0016	0.0070
333	2035	ALT3	WB	PM	Ramp	0.08	0.11	2.42	0.33	911	614	0.0068	0.0063	0.0025	0.0001	0.0013	0.0035	0.0005	0.0004	0.0001	0.0026	0.0131
334	2035	ALT3	WB	PM	Ramp	0.05	0.07	1.50	0.22	568	386	0.0044	0.0041	0.0016	0.0001	0.0009	0.0024	0.0003	0.0002	0.0000	0.0019	0.0094
335	2035	ALT3	WB	PM	Ramp	0.12	0.17	3.66	0.51	1410	952	0.0108	0.0100	0.0040	0.0002	0.0021	0.0056	0.0008	0.0006	0.0001	0.0041	0.0213
336	2035	ALT3	WB	PM	Ramp	0.11	0.15	2.84	0.53	1198	836	0.0115	0.0106	0.0034	0.0001	0.0029	0.0069	0.0007	0.0005	0.0001	0.0062	0.0335
337	2035	ALT3	WB	PM	Ramp	0.07	0.10	1.96	0.27	803	540	0.0063	0.0058	0.0024	0.0001	0.0011	0.0031	0.0005	0.0004	0.0001	0.0020	0.0111
338	2035	ALT3	WB	PM	Ramp	0.05	0.07	1.46	0.21	558	378	0.0044	0.0040	0.0016	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0018	0.0091
339	2035	ALT3	WB	PM	Ramp	0.15	0.21	4.86	0.80	1807	1246	0.0165	0.0152	0.0048	0.0002	0.0032	0.0079	0.0010	0.0006	0.0001	0.0101	0.0335
340	2035	ALT3	WB	PM	Ramp	0.43	0.61	13.56	1.78	5028	3371	0.0360	0.0333	0.0140	0.0007	0.0066	0.0180	0.0030	0.0021	0.0003	0.0124	0.0616
341	2035	ALT3	WB	PM	Ramp	0.60	0.88	15.86	1.96	6656	4416	0.0497	0.0460	0.0200	0.0010	0.0075	0.0223	0.0044	0.0034	0.0005	0.0111	0.0625
342	2035	ALT3	WB	PM	Ramp	0.06	0.08	1.47	0.27	621	433	0.0059	0.0055	0.0018	0.0001	0.0015	0.0035	0.0004	0.0002	0.0000	0.0032	0.0173
343	2035	ALT3	WB	PM	Ramp	0.15	0.22	2.14	0.32	1223	815	0.0115	0.0107	0.0049	0.0002	0.0034	0.0085	0.0010	0.0008	0.0001	0.0020	0.0388
344	2035	ALT3	WB	PM	Ramp	0.06	0.08	1.48	0.24	610	419	0.0053	0.0049	0.0017	0.0001	0.0012	0.0030	0.0004	0.0003	0.0000	0.0025	0.0136
345	2035	ALT3	WB	PM	Ramp	0.06	0.08	0.93	0.13	490	325	0.0043	0.0040	0.0018	0.0001	0.0010	0.0027	0.0004	0.0003	0.0000	0.0007	0.0111
346	2035	ALT3	WB	PM	Ramp	0.09	0.14	1.68	0.21	853	564	0.0072	0.0067	0.0030	0.0001	0.0015	0.0040	0.0006	0.0005	0.0001	0.0011	0.0147
347	2035	ALT3	WB	PM	Ramp	0.06	0.08	1.29	0.16	585	388	0.0046	0.0043	0.0019	0.0001	0.0008	0.0023	0.0004	0.0003	0.0000	0.0009	0.0077
348	2035	ALT3	WB	PM	Ramp	0.33	0.46	8.98	1.45	3658	2510	0.0317	0.0293	0.0104	0.0005	0.0072	0.0178	0.0022	0.0015	0.0003	0.0146	0.0789
349	2035	ALT3	WB	PM	Ramp	0.14	0.21	3.43	0.39	1520	999	0.0113	0.0105	0.0048	0.0002	0.0016	0.0050	0.0011	0.0009	0.0001	0.0016	0.0122
350	2035	ALT3	WB	PM	Ramp	0.12	0.18	4.07	0.47	1474	975	0.0095	0.0088	0.0041	0.0002	0.0014	0.0044	0.0009	0.0006	0.0001	0.0023	0.0111
351	2035	ALT3	WB	PM	Ramp	0.07	0.10	1.25	0.20	620	420	0.0056	0.0052	0.0022	0.0001	0.0018	0.0042	0.0004	0.0003	0.0001	0.0017	0.0202
352	2035	ALT3	WB	PM	Ramp	0.05	0.08	1.30	0.16	566	376	0.0044	0.0041	0.0018	0.0001	0.0008	0.0021	0.0004	0.0003	0.0000	0.0010	0.0069
353	2035	ALT3	WB	PM	Ramp	0.17	0.26	4.52	0.53	1909	1259	0.0139	0.0129	0.0058	0.0003	0.0019	0.0060	0.0013	0.0010	0.0002	0.0024	0.0147
354	2035	ALT3	WB	PM	Ramp	0.20	0.30	4.17	0.53	1976	1311	0.0160	0.0149	0.0066	0.0003	0.0032	0.0088	0.0014	0.0012	0.0002	0.0030	0.0317
355	2035	ALT3	WB	PM	Ramp	0.16	0.24	2.57	0.33	1398	922	0.0124	0.0114	0.0052	0.0003	0.0026	0.0070	0.0011	0.0010	0.0001	0.0015	0.0253
356	2035	ALT3	WB	PM	Ramp	0.07	0.10	1.51	0.18	696	459	0.0054	0.0050	0.0023	0.0001	0.0009	0.0026	0.0005	0.0004	0.0001	0.0008	0.0078
357	2035	ALT3	WB	PM	Ramp	0.20	0.29	3.66	0.45	1853	1223	0.0155	0.0144	0.0066	0.0003	0.0030	0.0084	0.0014	0.0012	0.0002	0.0022	0.0288
358	2035	ALT3	WB	PM	Ramp	0.23	0.33	2.37	0.44	1569	1057	0.0167	0.0155	0.0072	0.0003	0.0074	0.0169	0.0014	0.0012	0.0002	0.0032	0.0899
359	2035	ALT3	WB	PM	Ramp	0.09	0.14	1.82	0.22	895	591	0.0074	0.0068	0.0031	0.0002	0.0014	0.0039	0.0007	0.0006	0.0001	0.0011	0.0129
360	2035	ALT3	WB	PM	Ramp	0.18	0.26	2.08	0.35	1311	880	0.0135	0.0125	0.0057	0.0002	0.0051	0.0121	0.0011	0.0010	0.0001	0.0024	0.0613
361	2035	ALT3	WB	PM	Ramp	0.09	0.14	1.48	0.20	814	540	0.0073	0.0068	0.0031	0.0001	0.0017	0.0046	0.0007	0.0006	0.0001	0.0011	0.0184
362	2035	ALT3	WB	PM	Ramp	0.19	0.27	2.83	0.40	1552	1034	0.0142	0.0131	0.0060	0.0003	0.0039	0.0099	0.0012	0.0010	0.0002	0.0025	0.0434
363	2035	ALT3	WB	PM	Ramp	0.13	0.20	2.74	0.32	1325	871	0.0106	0.0098	0.0045	0.0002	0.0017	0.0050	0.0010	0.0008	0.0001	0.0013	0.0140
364	2035	ALT3	WB	PM	HOV																	
365	2035	ALT3	WB	PM	HOV																	
366	2035	ALT3	WB	PM	HOT	0.14	0.18	3.71	0.43	1399	910	0.0060	0.0055	0.0045	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0006	0.0011
367	2035	ALT3	WB	PM	HOT	0.21	0.28	5.57	0.65	2103	1367	0.0090	0.0083	0.0068	0.0004	0.0013	0.0052	0.0016	0.0007	0.0001	0.0009	0.0016
368	2035	ALT3	WB	PM	HOT	0.11	0.14	2.82	0.33	1065	692	0.0045	0.0042	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0008
369	2035	ALT3	WB	PM	HOT	0.10	0.13	2.67	0.31	1009	656	0.0043	0.0040	0.0032	0.0002	0.0006	0.0025	0.0007	0.0003	0.0001	0.0004	0.0008
370	2035	ALT3	WB	PM	HOT	0.11	0.14	2.79	0.32	1052	684	0.0045	0.0042	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0008
371	2035	ALT3	WB	PM	HOT	0.05	0.06	1.28	0.15	485	315	0.0021	0.0019	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
372	2035	ALT3	WB	PM	HOT	0.08	0.10	1.98	0.23	749	487	0.0032	0.0030	0.0024	0.0001	0.0005	0.0018	0.0006	0.0003	0.0000	0.0003	0.0006
373	2035	ALT3	WB	PM	HOT	0.05	0.06	1.30	0.15	490	319	0.0021	0.0019	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
374	2035	ALT3	WB	PM	HOT	0.22	0.29	5.83	0.68	2199	1430	0.0094	0.0087	0.0071	0.0004	0.0014	0.0054	0.0016	0.0007	0.0001	0.0009	0.0017
375	2035	ALT3	WB	PM	HOT	0.07	0.10	1.94	0.23	733	477	0.0031	0.0029	0.0024	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0006

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
376	2035	ALT3	WB	PM	HOT	0.03	0.04	0.91	0.11	342	222	0.0015	0.0014	0.0011	0.0001	0.0002	0.0008	0.0003	0.0001	0.0000	0.0001	0.0003
377	2035	ALT3	WB	PM	HOT	0.54	0.70	13.94	1.62	5305	3449	0.0226	0.0210	0.0172	0.0009	0.0034	0.0132	0.0040	0.0018	0.0003	0.0022	0.0041
378	2035	ALT3	WB	PM	HOT	0.12	0.16	3.11	0.36	1184	770	0.0051	0.0047	0.0039	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0009
379	2035	ALT3	WB	PM	HOT	0.17	0.22	4.81	0.55	1760	1144	0.0075	0.0070	0.0055	0.0003	0.0011	0.0042	0.0013	0.0006	0.0001	0.0007	0.0014
380	2035	ALT3	WB	PM	HOT	0.16	0.21	4.47	0.51	1635	1063	0.0070	0.0065	0.0051	0.0003	0.0010	0.0039	0.0012	0.0006	0.0001	0.0007	0.0013
381	2035	ALT3	WB	PM	HOT	0.58	0.76	16.38	1.88	5992	3896	0.0255	0.0237	0.0186	0.0010	0.0037	0.0142	0.0043	0.0020	0.0003	0.0024	0.0048
382	2035	ALT3	WB	PM	HOT	0.08	0.11	2.41	0.28	882	574	0.0038	0.0035	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0004	0.0007
383	2035	ALT3	WB	PM	HOT	0.36	0.48	10.29	1.18	3764	2447	0.0160	0.0149	0.0117	0.0006	0.0023	0.0090	0.0027	0.0013	0.0002	0.0015	0.0030
384	2035	ALT3	WB	PM	HOT	0.21	0.28	6.09	0.70	2229	1449	0.0095	0.0088	0.0069	0.0004	0.0014	0.0053	0.0016	0.0008	0.0001	0.0009	0.0018
385	2035	ALT3	WB	PM	HOT	0.54	0.70	15.19	1.74	5558	3613	0.0237	0.0220	0.0172	0.0009	0.0034	0.0132	0.0040	0.0019	0.0003	0.0022	0.0045
386	2035	ALT3	WB	PM	HOT	0.16	0.21	4.52	0.52	1655	1076	0.0071	0.0065	0.0051	0.0003	0.0010	0.0039	0.0012	0.0006	0.0001	0.0007	0.0013
387	2035	ALT3	WB	PM	HOT	0.14	0.18	3.95	0.45	1447	941	0.0062	0.0057	0.0045	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0012
388	2035	ALT3	WB	PM	HOT	0.14	0.19	4.00	0.46	1465	953	0.0062	0.0058	0.0045	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0006	0.0012
389	2035	ALT3	WB	PM	HOT	0.55	0.73	15.70	1.80	5746	3736	0.0245	0.0227	0.0178	0.0010	0.0035	0.0137	0.0041	0.0020	0.0003	0.0023	0.0046
390	2035	ALT3	WB	PM	HOT	0.03	0.05	0.95	0.11	352	229	0.0015	0.0014	0.0011	0.0001	0.0002	0.0008	0.0003	0.0001	0.0000	0.0001	0.0003
391	2035	ALT3	WB	PM	HOT	0.46	0.60	12.74	1.47	4704	3058	0.0201	0.0186	0.0147	0.0008	0.0029	0.0113	0.0034	0.0016	0.0002	0.0019	0.0037
392	2035	ALT3	WB	PM	HOT	0.07	0.09	1.81	0.21	669	435	0.0029	0.0026	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
393	2035	ALT3	WB	PM	HOT	0.43	0.57	12.02	1.38	4435	2884	0.0189	0.0175	0.0139	0.0007	0.0027	0.0107	0.0032	0.0015	0.0002	0.0018	0.0035
394	2035	ALT3	WB	PM	HOT	0.31	0.41	8.57	0.99	3164	2057	0.0135	0.0125	0.0099	0.0005	0.0020	0.0076	0.0023	0.0011	0.0002	0.0013	0.0025
395	2035	ALT3	WB	PM	HOT	0.44	0.58	12.23	1.41	4515	2936	0.0193	0.0178	0.0142	0.0008	0.0028	0.0109	0.0032	0.0015	0.0002	0.0018	0.0036
396	2035	ALT3	WB	PM	HOT	0.13	0.17	3.50	0.40	1293	841	0.0055	0.0051	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0010
397	2035	ALT3	WB	PM	HOT	0.44	0.57	12.14	1.40	4481	2914	0.0191	0.0177	0.0140	0.0008	0.0028	0.0108	0.0032	0.0015	0.0002	0.0018	0.0036
398	2035	ALT3	WB	PM	HOT	0.63	0.83	17.54	2.02	6474	4209	0.0276	0.0256	0.0203	0.0011	0.0040	0.0156	0.0047	0.0022	0.0003	0.0026	0.0051
399	2035	ALT3	WB	PM	HOT	0.54	0.71	14.95	1.72	5517	3587	0.0235	0.0218	0.0173	0.0009	0.0034	0.0133	0.0040	0.0019	0.0003	0.0022	0.0044
400	2035	ALT3	WB	PM	HOT	0.39	0.51	10.78	1.24	3978	2586	0.0170	0.0157	0.0125	0.0007	0.0025	0.0096	0.0029	0.0014	0.0002	0.0016	0.0032
401	2035	ALT3	WB	PM	HOT	0.28	0.36	7.72	0.89	2849	1852	0.0121	0.0113	0.0089	0.0005	0.0018	0.0068	0.0020	0.0010	0.0001	0.0011	0.0023
402	2035	ALT3	WB	PM	HOT	0.27	0.35	7.44	0.86	2746	1785	0.0117	0.0109	0.0086	0.0005	0.0017	0.0066	0.0020	0.0009	0.0001	0.0011	0.0022
403	2035	ALT3	WB	PM	HOT	0.50	0.66	13.95	1.61	5164	3357	0.0220	0.0204	0.0162	0.0009	0.0032	0.0125	0.0037	0.0018	0.0003	0.0021	0.0041
404	2035	ALT3	WB	PM	HOT	0.29	0.37	7.88	0.91	2917	1896	0.0124	0.0115	0.0092	0.0005	0.0018	0.0070	0.0021	0.0010	0.0001	0.0012	0.0023
405	2035	ALT3	WB	PM	HOT	0.39	0.52	10.90	1.26	4034	2623	0.0172	0.0159	0.0127	0.0007	0.0025	0.0097	0.0029	0.0014	0.0002	0.0016	0.0032
406	2035	ALT3	WB	PM	HOT	0.31	0.40	8.46	0.97	3130	2035	0.0133	0.0124	0.0098	0.0005	0.0019	0.0076	0.0023	0.0011	0.0002	0.0013	0.0025
407	2035	ALT3	WB	PM	HOT	0.46	0.61	12.75	1.47	4719	3068	0.0201	0.0187	0.0148	0.0008	0.0029	0.0114	0.0034	0.0016	0.0002	0.0019	0.0037
408	2035	ALT3	WB	PM	HOT	0.29	0.38	7.97	0.92	2952	1919	0.0126	0.0117	0.0093	0.0005	0.0018	0.0071	0.0021	0.0010	0.0001	0.0012	0.0023
409	2035	ALT3	WB	PM	HOT	0.40	0.53	11.13	1.28	4120	2679	0.0176	0.0163	0.0130	0.0007	0.0026	0.0099	0.0030	0.0014	0.0002	0.0017	0.0033
410	2035	ALT3	WB	PM	HOT	1.00	1.32	29.18	3.33	10542	6854	0.0449	0.0416	0.0322	0.0017	0.0063	0.0247	0.0074	0.0036	0.0005	0.0042	0.0086
411	2035	ALT3	WB	PM	HOT	0.53	0.71	15.63	1.79	5646	3671	0.0241	0.0223	0.0172	0.0009	0.0034	0.0132	0.0040	0.0019	0.0003	0.0022	0.0046
412	2035	ALT3	WB	PM	HOT	0.20	0.27	5.99	0.68	2164	1407	0.0092	0.0085	0.0066	0.0004	0.0013	0.0051	0.0015	0.0007	0.0001	0.0009	0.0018
413	2035	ALT3	WB	PM	HOT	0.10	0.14	3.06	0.35	1107	720	0.0047	0.0044	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0009
414	2035	ALT3	WB	PM	HOT	0.45	0.59	13.05	1.49	4717	3067	0.0201	0.0186	0.0144	0.0008	0.0028	0.0110	0.0033	0.0016	0.0002	0.0019	0.0038
415	2035	ALT3	WB	PM	HOT	0.10	0.14	3.06	0.35	1106	719	0.0047	0.0044	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0009
416	2035	ALT3	WB	PM	HOT	0.02	0.02	0.48	0.05	172	112	0.0007	0.0007	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
417	2035	ALT3	WB	PM	HOT	0.46	0.60	13.36	1.53	4826	3137	0.0206	0.0191	0.0147	0.0008	0.0029	0.0113	0.0034	0.0017	0.0002	0.0019	0.0039
418	2035	ALT3	WB	PM	HOT	0.20	0.26	5.74	0.66	2075	1349	0.0088	0.0082	0.0063	0.0003	0.0012	0.0049	0.0015	0.0007	0.0001	0.0008	0.0017
419	2035	ALT3	WB	PM	HOT	0.32	0.43	9.46	1.08	3420	2223	0.0146	0.0135	0.0104	0.0006	0.0021	0.0080	0.0024	0.0012	0.0002	0.0014	0.0028
420	2035	ALT3	WB	PM	HOT	0.31	0.41	9.28	1.05	3326	2162	0.0142	0.0131	0.0101	0.0005	0.0020	0.0077	0.0023	0.0011	0.0002	0.0013	0.0027
421	2035	ALT3	WB	PM	HOT	0.30	0.39	8.79	1.00	3149	2047	0.0134	0.0124	0.0095	0.0005	0.0019	0.0073	0.0022	0.0011	0.0002	0.0012	0.0026
422	2035	ALT3	WB	PM	HOT	0.35	0.46	10.43	1.18	3738	2430	0.0159	0.0148	0.0113	0.0006	0.0022	0.0087	0.0026	0.0013	0.0002	0.0015	0.0031
423	2035	ALT3	WB	PM	HOT	0.68	0.89	20.11	2.28	7206	4685	0.0307	0.0285	0.0218	0.0012	0.0043	0.0167	0.0050	0.0025	0.0004	0.0028	0.0059

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
424	2035	ALT3	WB	PM	HOT	0.17	0.22	4.92	0.56	1762	1146	0.0075	0.0070	0.0053	0.0003	0.0011	0.0041	0.0012	0.0006	0.0001	0.0007	0.0015
425	2035	ALT3	WB	PM	HOT	0.39	0.52	11.62	1.32	4165	2708	0.0178	0.0165	0.0126	0.0007	0.0025	0.0097	0.0029	0.0014	0.0002	0.0016	0.0034
426	2035	ALT3	WB	PM	HOT	0.21	0.27	6.12	0.69	2192	1425	0.0093	0.0087	0.0066	0.0004	0.0013	0.0051	0.0015	0.0008	0.0001	0.0009	0.0018
427	2035	ALT3	WB	PM	HOT	0.39	0.52	11.70	1.33	4191	2725	0.0179	0.0166	0.0127	0.0007	0.0025	0.0097	0.0029	0.0014	0.0002	0.0016	0.0035
428	2035	ALT3	WB	PM	HOT	0.42	0.56	12.49	1.42	4475	2910	0.0191	0.0177	0.0135	0.0007	0.0027	0.0104	0.0031	0.0015	0.0002	0.0018	0.0037
429	2035	ALT3	WB	PM	HOT	0.28	0.37	8.33	0.95	2984	1940	0.0127	0.0118	0.0090	0.0005	0.0018	0.0069	0.0021	0.0010	0.0001	0.0012	0.0025
430	2035	ALT3	WB	PM	HOT	0.39	0.53	13.33	1.44	4499	2925	0.0195	0.0180	0.0128	0.0007	0.0025	0.0098	0.0029	0.0016	0.0002	0.0016	0.0040
431	2035	ALT3	WB	PM	HOT	0.35	0.48	12.01	1.30	4055	2636	0.0175	0.0163	0.0115	0.0006	0.0023	0.0088	0.0026	0.0014	0.0002	0.0015	0.0036
432	2035	ALT3	WB	PM	HOT	0.42	0.56	14.15	1.53	4776	3105	0.0206	0.0191	0.0136	0.0007	0.0027	0.0104	0.0031	0.0017	0.0002	0.0017	0.0043
433	2035	ALT3	WB	PM	HOT	0.32	0.43	10.93	1.18	3690	2399	0.0160	0.0148	0.0105	0.0006	0.0021	0.0081	0.0024	0.0013	0.0002	0.0014	0.0033
434	2035	ALT3	WB	PM	HOT	0.27	0.37	9.19	1.00	3102	2017	0.0134	0.0124	0.0088	0.0005	0.0017	0.0068	0.0020	0.0011	0.0002	0.0011	0.0028
435	2035	ALT3	WB	PM	HOT	0.52	0.70	17.63	1.91	5951	3869	0.0257	0.0239	0.0169	0.0009	0.0033	0.0130	0.0039	0.0021	0.0003	0.0022	0.0054
436	2035	ALT3	WB	PM	HOT	0.05	0.07	1.69	0.18	570	371	0.0025	0.0023	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0005
437	2035	ALT3	WB	PM	HOT	0.55	0.75	18.76	2.03	6330	4115	0.0274	0.0254	0.0180	0.0010	0.0035	0.0138	0.0041	0.0022	0.0003	0.0023	0.0057
216	2035	ALT3	WB	NT	Mainline	0.93	1.14	16.20	7.78	10382	8167	0.3478	0.3201	0.0260	0.0009	0.0362	0.0788	0.0048	0.0020	0.0016	0.3294	0.4507
217	2035	ALT3	WB	NT	Mainline	1.73	2.12	29.89	15.02	19574	15502	0.6755	0.6217	0.0481	0.0016	0.0705	0.1524	0.0087	0.0037	0.0032	0.6424	0.8837
218	2035	ALT3	WB	NT	Mainline	1.28	1.58	23.17	9.75	13966	10780	0.4233	0.3897	0.0365	0.0014	0.0445	0.0986	0.0069	0.0030	0.0020	0.3954	0.5416
219	2035	ALT3	WB	NT	Mainline	1.85	2.28	33.51	14.47	20395	15813	0.6243	0.5746	0.0525	0.0020	0.0669	0.1472	0.0099	0.0042	0.0030	0.5846	0.8200
220	2035	ALT3	WB	NT	Mainline	1.06	1.32	19.68	7.64	11436	8728	0.3233	0.2976	0.0305	0.0012	0.0345	0.0774	0.0059	0.0025	0.0016	0.2989	0.4142
221	2035	ALT3	WB	NT	Mainline	0.95	1.17	17.47	7.09	10337	7942	0.3012	0.2773	0.0271	0.0010	0.0324	0.0720	0.0052	0.0022	0.0015	0.2800	0.3926
222	2035	ALT3	WB	NT	Mainline	1.09	1.35	20.35	7.64	11654	8850	0.3198	0.2944	0.0314	0.0013	0.0343	0.0773	0.0061	0.0026	0.0016	0.2942	0.4086
223	2035	ALT3	WB	NT	Mainline	0.51	0.64	9.65	3.57	5492	4162	0.1487	0.1369	0.0149	0.0006	0.0160	0.0361	0.0029	0.0012	0.0007	0.1365	0.1898
224	2035	ALT3	WB	NT	Mainline	0.69	0.85	12.72	5.02	7437	5691	0.2121	0.1952	0.0197	0.0008	0.0228	0.0509	0.0038	0.0016	0.0010	0.1964	0.2751
225	2035	ALT3	WB	NT	Mainline	0.44	0.55	8.12	3.27	4789	3675	0.1388	0.1278	0.0126	0.0005	0.0149	0.0332	0.0024	0.0010	0.0007	0.1289	0.1803
226	2035	ALT3	WB	NT	Mainline	1.96	2.42	35.72	14.64	21275	16360	0.6308	0.5806	0.0560	0.0022	0.0666	0.1481	0.0107	0.0046	0.0031	0.5873	0.8069
227	2035	ALT3	WB	NT	Mainline	0.72	0.89	13.28	5.03	7647	5811	0.2126	0.1957	0.0207	0.0008	0.0225	0.0507	0.0040	0.0017	0.0010	0.1959	0.2678
228	2035	ALT3	WB	NT	Mainline	0.41	0.52	7.91	2.63	4326	3227	0.1074	0.0988	0.0122	0.0005	0.0115	0.0265	0.0024	0.0010	0.0005	0.0970	0.1326
229	2035	ALT3	WB	NT	Mainline	2.64	3.29	49.87	18.08	28151	21268	0.7500	0.6905	0.0768	0.0031	0.0806	0.1827	0.0151	0.0065	0.0037	0.6867	0.9517
230	2035	ALT3	WB	NT	Mainline	0.65	0.81	12.31	4.27	6831	5126	0.1755	0.1616	0.0189	0.0008	0.0188	0.0430	0.0038	0.0016	0.0009	0.1596	0.2196
231	2035	ALT3	WB	NT	Mainline	0.70	0.87	13.17	4.79	7439	5622	0.1986	0.1828	0.0203	0.0008	0.0213	0.0484	0.0040	0.0017	0.0010	0.1819	0.2523
232	2035	ALT3	WB	NT	Mainline	0.73	0.92	14.03	4.76	7711	5768	0.1939	0.1785	0.0215	0.0009	0.0209	0.0479	0.0043	0.0018	0.0010	0.1757	0.2422
233	2035	ALT3	WB	NT	Mainline	2.51	3.13	48.61	16.98	26850	20202	0.6796	0.6257	0.0730	0.0030	0.0759	0.1723	0.0144	0.0062	0.0034	0.6180	0.8952
234	2035	ALT3	WB	NT	Mainline	0.41	0.52	8.05	2.63	4339	3231	0.1040	0.0957	0.0121	0.0005	0.0115	0.0266	0.0024	0.0010	0.0005	0.0935	0.1332
235	2035	ALT3	WB	NT	Mainline	1.64	2.05	32.29	10.83	17520	13107	0.4266	0.3928	0.0480	0.0020	0.0480	0.1097	0.0096	0.0041	0.0022	0.3852	0.5614
236	2035	ALT3	WB	NT	Mainline	1.04	1.30	20.38	6.69	11004	8202	0.2652	0.2442	0.0306	0.0013	0.0294	0.0676	0.0061	0.0026	0.0014	0.2387	0.3403
237	2035	ALT3	WB	NT	Mainline	1.59	1.97	29.59	11.59	17235	13173	0.4879	0.4491	0.0458	0.0018	0.0526	0.1175	0.0088	0.0038	0.0024	0.4515	0.6329
238	2035	ALT3	WB	NT	Mainline	0.50	0.63	9.48	3.56	5420	4117	0.1478	0.1361	0.0146	0.0006	0.0160	0.0361	0.0028	0.0012	0.0007	0.1360	0.1915
239	2035	ALT3	WB	NT	Mainline	0.44	0.55	8.38	3.13	4779	3627	0.1296	0.1193	0.0129	0.0005	0.0141	0.0317	0.0025	0.0011	0.0006	0.1191	0.1678
240	2035	ALT3	WB	NT	Mainline	0.55	0.68	10.56	3.51	5749	4291	0.1411	0.1300	0.0160	0.0007	0.0154	0.0355	0.0032	0.0014	0.0007	0.1274	0.1786
241	2035	ALT3	WB	NT	Mainline	2.05	2.56	39.53	13.54	21746	16303	0.5468	0.5035	0.0600	0.0025	0.0599	0.1369	0.0119	0.0051	0.0028	0.4959	0.6998
242	2035	ALT3	WB	NT	Mainline	0.14	0.17	2.63	0.89	1442	1078	0.0359	0.0330	0.0040	0.0002	0.0039	0.0089	0.0008	0.0003	0.0002	0.0325	0.0452
243	2035	ALT3	WB	NT	Mainline	1.69	2.11	32.29	11.49	18052	13609	0.4704	0.4331	0.0493	0.0020	0.0512	0.1163	0.0097	0.0042	0.0024	0.4294	0.6042
244	2035	ALT3	WB	NT	Mainline	0.25	0.32	4.85	1.68	2690	2019	0.0689	0.0634	0.0074	0.0003	0.0074	0.0170	0.0015	0.0006	0.0003	0.0626	0.0870
245	2035	ALT3	WB	NT	Mainline	1.63	2.03	31.14	11.04	17374	13090	0.4506	0.4149	0.0475	0.0019	0.0491	0.1117	0.0094	0.0040	0.0023	0.4110	0.5792
246	2035	ALT3	WB	NT	Mainline	1.23	1.54	23.54	8.07	12982	9731	0.3288	0.3027	0.0360	0.0015	0.0356	0.0815	0.0072	0.0031	0.0017	0.2984	0.4150
247	2035	ALT3	WB	NT	Mainline	1.63	2.03	30.93	11.18	17404	13150	0.4597	0.4232	0.0473	0.0019	0.0500	0.1132	0.0093	0.0040	0.0023	0.4205	0.5917
248	2035	ALT3	WB	NT	Mainline	0.50	0.62	9.50	3.29	5264	3951	0.1346	0.1240	0.0145	0.0006	0.0145	0.0333	0.0029	0.0012	0.0007	0.1224	0.1702
249	2035	ALT3	WB	NT	Mainline	1.58	1.96	29.53	10.89	16796	12719	0.4552	0.4191	0.0457	0.0018	0.0486	0.1099	0.0090	0.0038	0.0023	0.4179	0.5758

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
250	2035	ALT3	WB	NT	Mainline	2.52	3.15	48.10	16.73	26680	20038	0.6843	0.6300	0.0736	0.0030	0.0740	0.1689	0.0146	0.0062	0.0034	0.6224	0.8656
251	2035	ALT3	WB	NT	Mainline	2.01	2.50	38.07	13.83	21464	16228	0.5691	0.5240	0.0582	0.0024	0.0619	0.1400	0.0114	0.0049	0.0028	0.5211	0.7335
252	2035	ALT3	WB	NT	Mainline	1.58	1.97	30.12	10.48	16706	12547	0.4283	0.3944	0.0461	0.0019	0.0463	0.1058	0.0092	0.0039	0.0022	0.3896	0.5424
253	2035	ALT3	WB	NT	Mainline	1.13	1.41	21.57	7.50	11964	8986	0.3068	0.2824	0.0330	0.0014	0.0332	0.0758	0.0066	0.0028	0.0015	0.2790	0.3884
254	2035	ALT3	WB	NT	Mainline	1.09	1.36	20.80	7.23	11535	8663	0.2957	0.2723	0.0318	0.0013	0.0320	0.0730	0.0063	0.0027	0.0015	0.2690	0.3745
255	2035	ALT3	WB	NT	Mainline	1.92	2.39	36.10	13.65	20702	15745	0.5683	0.5232	0.0555	0.0022	0.0616	0.1385	0.0108	0.0046	0.0028	0.5234	0.7369
256	2035	ALT3	WB	NT	Mainline	1.16	1.44	21.84	7.93	12332	9320	0.3287	0.3026	0.0336	0.0014	0.0354	0.0802	0.0066	0.0028	0.0016	0.3010	0.4185
257	2035	ALT3	WB	NT	Mainline	1.49	1.85	27.94	10.64	16069	12233	0.4437	0.4085	0.0430	0.0017	0.0481	0.1079	0.0083	0.0036	0.0022	0.4090	0.5754
258	2035	ALT3	WB	NT	Mainline	1.28	1.60	24.14	8.72	13625	10285	0.3634	0.3346	0.0373	0.0015	0.0387	0.0879	0.0074	0.0031	0.0018	0.3326	0.4561
259	2035	ALT3	WB	NT	Mainline	1.86	2.31	34.67	12.84	19773	14980	0.5393	0.4965	0.0538	0.0022	0.0573	0.1295	0.0106	0.0045	0.0027	0.4955	0.6785
260	2035	ALT3	WB	NT	Mainline	1.25	1.55	23.49	8.42	13217	9967	0.3502	0.3224	0.0363	0.0015	0.0373	0.0850	0.0072	0.0031	0.0017	0.3201	0.4394
261	2035	ALT3	WB	NT	Mainline	1.58	1.97	29.60	11.06	16931	12848	0.4638	0.4270	0.0458	0.0018	0.0496	0.1118	0.0090	0.0038	0.0023	0.4266	0.5894
262	2035	ALT3	WB	NT	Mainline	4.09	5.09	76.59	28.34	43656	33073	1.1888	1.0944	0.1187	0.0048	0.1265	0.2861	0.0233	0.0099	0.0059	1.0919	1.4995
263	2035	ALT3	WB	NT	Mainline	2.07	2.57	38.62	14.54	22146	16823	0.6097	0.5613	0.0597	0.0024	0.0652	0.1470	0.0117	0.0050	0.0030	0.5613	0.7774
264	2035	ALT3	WB	NT	Mainline	0.82	1.02	15.51	5.90	8896	6776	0.2432	0.2239	0.0236	0.0009	0.0268	0.0601	0.0046	0.0020	0.0012	0.2240	0.3223
265	2035	ALT3	WB	NT	Mainline	0.43	0.53	8.06	3.06	4631	3525	0.1278	0.1176	0.0124	0.0005	0.0138	0.0311	0.0024	0.0010	0.0006	0.1177	0.1657
266	2035	ALT3	WB	NT	Mainline	1.42	1.75	25.48	11.42	15775	12297	0.4956	0.4562	0.0401	0.0015	0.0532	0.1164	0.0075	0.0032	0.0024	0.4660	0.6562
267	2035	ALT3	WB	NT	Mainline	0.46	0.56	8.33	3.51	5014	3874	0.1502	0.1382	0.0130	0.0005	0.0162	0.0358	0.0025	0.0011	0.0007	0.1402	0.1980
268	2035	ALT3	WB	NT	Mainline	0.08	0.10	1.52	0.59	877	669	0.0245	0.0225	0.0023	0.0001	0.0027	0.0060	0.0005	0.0002	0.0001	0.0226	0.0320
269	2035	ALT3	WB	NT	Mainline	2.16	2.68	40.37	15.83	23488	17964	0.6615	0.6090	0.0620	0.0024	0.0722	0.1610	0.0119	0.0051	0.0032	0.6120	0.8706
270	2035	ALT3	WB	NT	Mainline	0.99	1.23	18.66	7.23	10791	8240	0.3000	0.2762	0.0286	0.0011	0.0329	0.0736	0.0055	0.0024	0.0015	0.2771	0.3967
271	2035	ALT3	WB	NT	Mainline	1.52	1.89	28.67	11.35	16693	12797	0.4676	0.4305	0.0435	0.0017	0.0523	0.1161	0.0083	0.0036	0.0023	0.4329	0.6346
272	2035	ALT3	WB	NT	Mainline	1.05	1.30	19.50	8.14	11638	8989	0.3406	0.3135	0.0299	0.0011	0.0378	0.0834	0.0056	0.0024	0.0016	0.3174	0.4637
273	2035	ALT3	WB	NT	Mainline	1.06	1.32	19.72	8.02	11657	8964	0.3377	0.3108	0.0304	0.0012	0.0369	0.0817	0.0058	0.0025	0.0016	0.3139	0.4481
274	2035	ALT3	WB	NT	Mainline	1.21	1.49	22.10	9.33	13294	10276	0.3973	0.3657	0.0343	0.0013	0.0431	0.0951	0.0065	0.0028	0.0019	0.3710	0.5271
275	2035	ALT3	WB	NT	Mainline	2.05	2.52	36.48	16.56	22740	17752	0.7263	0.6685	0.0577	0.0021	0.0768	0.1682	0.0107	0.0046	0.0035	0.6839	0.9489
276	2035	ALT3	WB	NT	Mainline	0.58	0.71	10.54	4.29	6255	4806	0.1841	0.1694	0.0165	0.0006	0.0195	0.0434	0.0032	0.0013	0.0009	0.1712	0.2363
277	2035	ALT3	WB	NT	Mainline	1.26	1.55	22.73	9.90	13892	10781	0.4292	0.3951	0.0357	0.0013	0.0457	0.1005	0.0067	0.0029	0.0021	0.4024	0.5603
278	2035	ALT3	WB	NT	Mainline	0.69	0.86	12.54	5.42	7635	5919	0.2343	0.2157	0.0197	0.0007	0.0250	0.0551	0.0037	0.0016	0.0011	0.2195	0.3064
279	2035	ALT3	WB	NT	Mainline	1.35	1.67	24.86	10.46	14913	11528	0.4417	0.4066	0.0384	0.0014	0.0485	0.1069	0.0072	0.0031	0.0021	0.4122	0.5942
280	2035	ALT3	WB	NT	Mainline	1.33	1.64	23.88	10.93	14912	11665	0.4728	0.4352	0.0375	0.0013	0.0513	0.1118	0.0069	0.0030	0.0023	0.4454	0.6359
281	2035	ALT3	WB	NT	Mainline	0.98	1.22	18.15	7.57	10841	8371	0.3187	0.2933	0.0280	0.0010	0.0351	0.0774	0.0053	0.0023	0.0015	0.2971	0.4294
282	2035	ALT3	WB	NT	Mainline	1.44	1.77	26.08	11.44	15961	12412	0.4892	0.4503	0.0406	0.0015	0.0534	0.1171	0.0076	0.0033	0.0023	0.4588	0.6587
283	2035	ALT3	WB	NT	Mainline	1.34	1.65	24.56	10.46	14815	11472	0.4430	0.4078	0.0380	0.0014	0.0486	0.1070	0.0071	0.0031	0.0021	0.4140	0.5969
284	2035	ALT3	WB	NT	Mainline	1.66	2.05	30.95	12.53	18228	14015	0.5221	0.4806	0.0474	0.0018	0.0578	0.1281	0.0090	0.0039	0.0025	0.4849	0.7042
285	2035	ALT3	WB	NT	Mainline	1.18	1.46	21.46	9.38	13110	10189	0.4005	0.3687	0.0334	0.0012	0.0438	0.0960	0.0062	0.0027	0.0019	0.3754	0.5392
286	2035	ALT3	WB	NT	Mainline	1.02	1.27	18.78	8.03	11348	8792	0.3403	0.3132	0.0291	0.0011	0.0373	0.0821	0.0055	0.0024	0.0016	0.3181	0.4587
287	2035	ALT3	WB	NT	Mainline	1.84	2.26	32.99	15.05	20575	16088	0.6504	0.5987	0.0517	0.0019	0.0706	0.1541	0.0095	0.0041	0.0031	0.6125	0.8760
288	2035	ALT3	WB	NT	Mainline	0.19	0.24	3.48	1.49	2107	1631	0.0638	0.0588	0.0054	0.0002	0.0069	0.0151	0.0010	0.0004	0.0003	0.0597	0.0841
289	2035	ALT3	WB	NT	Mainline	2.02	2.49	36.56	16.12	22425	17450	0.6898	0.6349	0.0569	0.0021	0.0753	0.1649	0.0106	0.0046	0.0033	0.6472	0.9289
290	2035	ALT3	WB	NT	Ramp	0.03	0.05	1.16	0.15	405	271	0.0027	0.0025	0.0011	0.0001	0.0005	0.0013	0.0002	0.0002	0.0000	0.0010	0.0043
291	2035	ALT3	WB	NT	Ramp	0.03	0.04	0.96	0.13	353	237	0.0025	0.0023	0.0010	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0009	0.0043
292	2035	ALT3	WB	NT	Ramp	0.01	0.02	0.41	0.05	142	95	0.0009	0.0009	0.0004	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0003	0.0014
293	2035	ALT3	WB	NT	Ramp	0.10	0.15	2.18	0.32	1002	675	0.0085	0.0079	0.0033	0.0002	0.0020	0.0051	0.0007	0.0005	0.0001	0.0025	0.0211
294	2035	ALT3	WB	NT	Ramp	0.03	0.05	0.99	0.15	384	261	0.0031	0.0028	0.0011	0.0001	0.0006	0.0016	0.0002	0.0002	0.0000	0.0013	0.0066
295	2035	ALT3	WB	NT	Ramp	0.07	0.11	1.63	0.23	739	496	0.0062	0.0057	0.0024	0.0001	0.0013	0.0035	0.0005	0.0004	0.0001	0.0017	0.0138
296	2035	ALT3	WB	NT	Ramp	0.02	0.02	0.38	0.07	177	123	0.0018	0.0016	0.0006	0.0000	0.0005	0.0011	0.0001	0.0001	0.0000	0.0009	0.0056
297	2035	ALT3	WB	NT	Ramp	0.34	0.45	8.35	1.87	3620	2595	0.0402	0.0371	0.0100	0.0004	0.0110	0.0249	0.0019	0.0012	0.0003	0.0269	0.1340

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
298	2035	ALT3	WB	NT	Ramp	0.00	0.00	0.10	0.01	37	25	0.0003	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0005
299	2035	ALT3	WB	NT	Ramp	0.02	0.02	0.51	0.07	184	125	0.0014	0.0013	0.0005	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0006	0.0026
300	2035	ALT3	WB	NT	Ramp	0.19	0.27	6.15	0.81	2252	1512	0.0161	0.0149	0.0062	0.0003	0.0030	0.0081	0.0013	0.0009	0.0002	0.0058	0.0283
301	2035	ALT3	WB	NT	Ramp	0.08	0.11	2.14	0.37	886	613	0.0081	0.0075	0.0025	0.0001	0.0020	0.0047	0.0005	0.0004	0.0001	0.0041	0.0221
302	2035	ALT3	WB	NT	Ramp	0.01	0.01	0.29	0.04	105	71	0.0008	0.0008	0.0003	0.0000	0.0002	0.0004	0.0001	0.0000	0.0000	0.0004	0.0017
303	2035	ALT3	WB	NT	Ramp	0.03	0.04	0.82	0.16	343	241	0.0034	0.0032	0.0010	0.0000	0.0009	0.0021	0.0002	0.0001	0.0000	0.0020	0.0104
304	2035	ALT3	WB	NT	Ramp	0.02	0.03	0.62	0.09	230	157	0.0018	0.0017	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0009	0.0039
305	2035	ALT3	WB	NT	Ramp	0.04	0.06	1.17	0.23	489	343	0.0048	0.0045	0.0014	0.0001	0.0012	0.0029	0.0003	0.0002	0.0000	0.0028	0.0144
306	2035	ALT3	WB	NT	Ramp	0.02	0.03	0.64	0.08	235	157	0.0016	0.0015	0.0007	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0004	0.0022
307	2035	ALT3	WB	NT	Ramp	0.07	0.10	1.46	0.22	694	469	0.0060	0.0056	0.0023	0.0001	0.0016	0.0039	0.0005	0.0004	0.0001	0.0018	0.0174
308	2035	ALT3	WB	NT	Ramp	0.04	0.06	1.17	0.21	484	336	0.0044	0.0041	0.0014	0.0001	0.0011	0.0026	0.0003	0.0002	0.0000	0.0023	0.0122
309	2035	ALT3	WB	NT	Ramp	0.04	0.06	0.75	0.16	374	263	0.0039	0.0036	0.0012	0.0000	0.0013	0.0030	0.0002	0.0002	0.0000	0.0020	0.0160
310	2035	ALT3	WB	NT	Ramp	0.20	0.26	5.36	1.27	2304	1671	0.0318	0.0293	0.0060	0.0002	0.0063	0.0143	0.0012	0.0006	0.0002	0.0252	0.0756
311	2035	ALT3	WB	NT	Ramp	0.08	0.11	1.57	0.28	739	509	0.0070	0.0065	0.0024	0.0001	0.0019	0.0046	0.0005	0.0004	0.0001	0.0030	0.0224
312	2035	ALT3	WB	NT	Ramp	0.01	0.02	0.38	0.06	157	108	0.0014	0.0013	0.0005	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0007	0.0038
313	2035	ALT3	WB	NT	Ramp	0.18	0.25	5.40	0.92	2073	1439	0.0190	0.0175	0.0056	0.0002	0.0043	0.0104	0.0011	0.0007	0.0001	0.0110	0.0484
314	2035	ALT3	WB	NT	Ramp	0.02	0.03	0.73	0.10	273	183	0.0020	0.0018	0.0008	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0007	0.0034
315	2035	ALT3	WB	NT	Ramp	0.06	0.09	1.42	0.22	629	426	0.0054	0.0050	0.0019	0.0001	0.0011	0.0029	0.0004	0.0003	0.0001	0.0019	0.0116
316	2035	ALT3	WB	NT	Ramp	0.04	0.06	1.21	0.16	460	308	0.0033	0.0031	0.0013	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0011	0.0056
317	2035	ALT3	WB	NT	Ramp	0.06	0.08	1.20	0.22	561	388	0.0054	0.0050	0.0018	0.0001	0.0014	0.0034	0.0004	0.0003	0.0000	0.0024	0.0167
318	2035	ALT3	WB	NT	Ramp	0.01	0.02	0.47	0.05	168	111	0.0011	0.0010	0.0005	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0003	0.0013
319	2035	ALT3	WB	NT	Ramp	0.06	0.08	1.31	0.20	580	393	0.0050	0.0046	0.0018	0.0001	0.0010	0.0027	0.0004	0.0003	0.0000	0.0018	0.0109
320	2035	ALT3	WB	NT	Ramp	0.03	0.04	0.95	0.13	364	245	0.0027	0.0025	0.0010	0.0000	0.0005	0.0014	0.0002	0.0002	0.0000	0.0010	0.0050
321	2035	ALT3	WB	NT	Ramp	0.08	0.11	1.73	0.26	778	525	0.0066	0.0061	0.0024	0.0001	0.0014	0.0037	0.0005	0.0004	0.0001	0.0022	0.0152
322	2035	ALT3	WB	NT	Ramp	0.03	0.04	0.81	0.14	335	231	0.0030	0.0027	0.0010	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0014	0.0077
323	2035	ALT3	WB	NT	Ramp	0.09	0.12	2.47	0.47	1008	707	0.0098	0.0091	0.0028	0.0001	0.0025	0.0058	0.0006	0.0004	0.0001	0.0058	0.0288
324	2035	ALT3	WB	NT	Ramp	0.02	0.03	0.59	0.09	226	154	0.0018	0.0017	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0008	0.0040
325	2035	ALT3	WB	NT	Ramp	0.13	0.19	2.84	0.54	1329	922	0.0130	0.0120	0.0041	0.0002	0.0034	0.0081	0.0008	0.0006	0.0001	0.0061	0.0395
326	2035	ALT3	WB	NT	Ramp	0.05	0.08	1.65	0.22	628	422	0.0047	0.0043	0.0018	0.0001	0.0009	0.0024	0.0004	0.0003	0.0000	0.0017	0.0085
327	2035	ALT3	WB	NT	Ramp	0.13	0.17	2.39	0.50	1169	821	0.0122	0.0112	0.0038	0.0002	0.0039	0.0089	0.0007	0.0005	0.0001	0.0062	0.0471
328	2035	ALT3	WB	NT	Ramp	0.03	0.04	0.83	0.11	306	205	0.0022	0.0020	0.0009	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0007	0.0036
329	2035	ALT3	WB	NT	Ramp	0.05	0.07	1.20	0.19	537	365	0.0047	0.0044	0.0016	0.0001	0.0010	0.0026	0.0003	0.0003	0.0000	0.0018	0.0109
330	2035	ALT3	WB	NT	Ramp	0.02	0.02	0.51	0.08	198	135	0.0016	0.0015	0.0005	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0008	0.0038
331	2035	ALT3	WB	NT	Ramp	0.07	0.09	1.90	0.35	770	539	0.0074	0.0068	0.0021	0.0001	0.0018	0.0043	0.0004	0.0003	0.0001	0.0043	0.0213
332	2035	ALT3	WB	NT	Ramp	0.03	0.04	0.90	0.17	355	249	0.0035	0.0032	0.0010	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0022	0.0095
333	2035	ALT3	WB	NT	Ramp	0.07	0.10	1.89	0.41	810	578	0.0088	0.0081	0.0022	0.0001	0.0024	0.0054	0.0004	0.0003	0.0001	0.0057	0.0285
334	2035	ALT3	WB	NT	Ramp	0.03	0.04	0.81	0.17	336	240	0.0037	0.0034	0.0009	0.0000	0.0009	0.0021	0.0002	0.0001	0.0000	0.0026	0.0113
335	2035	ALT3	WB	NT	Ramp	0.12	0.15	2.43	0.72	1183	881	0.0159	0.0147	0.0033	0.0001	0.0048	0.0105	0.0006	0.0003	0.0001	0.0122	0.0613
336	2035	ALT3	WB	NT	Ramp	0.08	0.10	1.90	0.49	857	628	0.0109	0.0101	0.0023	0.0001	0.0030	0.0066	0.0004	0.0003	0.0001	0.0082	0.0374
337	2035	ALT3	WB	NT	Ramp	0.04	0.05	0.78	0.32	437	342	0.0075	0.0069	0.0012	0.0000	0.0023	0.0048	0.0002	0.0001	0.0000	0.0065	0.0296
338	2035	ALT3	WB	NT	Ramp	0.01	0.01	0.16	0.08	101	81	0.0018	0.0017	0.0003	0.0000	0.0006	0.0013	0.0000	0.0000	0.0000	0.0016	0.0079
339	2035	ALT3	WB	NT	Ramp	0.15	0.20	4.29	0.88	1758	1246	0.0218	0.0201	0.0047	0.0002	0.0038	0.0091	0.0009	0.0005	0.0001	0.0165	0.0430
340	2035	ALT3	WB	NT	Ramp	0.63	0.80	12.54	4.34	6457	4922	0.1000	0.0921	0.0174	0.0005	0.0294	0.0625	0.0030	0.0016	0.0006	0.0831	0.3775
341	2035	ALT3	WB	NT	Ramp	0.48	0.64	12.87	2.52	5276	3719	0.0532	0.0491	0.0145	0.0006	0.0135	0.0314	0.0029	0.0018	0.0004	0.0328	0.1592
342	2035	ALT3	WB	NT	Ramp	0.04	0.05	0.90	0.25	428	317	0.0056	0.0052	0.0012	0.0000	0.0017	0.0037	0.0002	0.0001	0.0000	0.0042	0.0212
343	2035	ALT3	WB	NT	Ramp	0.11	0.14	1.46	0.47	824	609	0.0107	0.0099	0.0030	0.0001	0.0050	0.0106	0.0005	0.0003	0.0001	0.0072	0.0640
344	2035	ALT3	WB	NT	Ramp	0.04	0.05	0.93	0.24	428	312	0.0052	0.0048	0.0012	0.0000	0.0015	0.0034	0.0002	0.0001	0.0000	0.0037	0.0190
345	2035	ALT3	WB	NT	Ramp	0.02	0.03	0.40	0.11	211	154	0.0026	0.0024	0.0007	0.0000	0.0010	0.0021	0.0001	0.0001	0.0000	0.0016	0.0122

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
346	2035	ALT3	WB	NT	Ramp	0.07	0.09	1.14	0.28	588	421	0.0067	0.0062	0.0020	0.0001	0.0025	0.0055	0.0004	0.0003	0.0001	0.0039	0.0307
347	2035	ALT3	WB	NT	Ramp	0.04	0.05	0.97	0.17	401	277	0.0037	0.0034	0.0011	0.0001	0.0009	0.0021	0.0002	0.0002	0.0000	0.0019	0.0100
348	2035	ALT3	WB	NT	Ramp	0.28	0.36	6.83	1.67	3005	2186	0.0369	0.0340	0.0081	0.0003	0.0099	0.0220	0.0015	0.0009	0.0002	0.0271	0.1221
349	2035	ALT3	WB	NT	Ramp	0.09	0.12	2.37	0.41	969	672	0.0089	0.0082	0.0027	0.0001	0.0021	0.0051	0.0006	0.0004	0.0001	0.0046	0.0242
350	2035	ALT3	WB	NT	Ramp	0.06	0.09	2.10	0.30	758	514	0.0058	0.0053	0.0020	0.0001	0.0011	0.0030	0.0004	0.0003	0.0001	0.0026	0.0115
351	2035	ALT3	WB	NT	Ramp	0.05	0.06	0.71	0.26	412	310	0.0058	0.0054	0.0014	0.0000	0.0024	0.0050	0.0002	0.0001	0.0000	0.0043	0.0307
352	2035	ALT3	WB	NT	Ramp	0.04	0.06	0.97	0.19	455	315	0.0045	0.0041	0.0014	0.0001	0.0011	0.0027	0.0003	0.0002	0.0000	0.0021	0.0133
353	2035	ALT3	WB	NT	Ramp	0.07	0.10	2.23	0.32	845	572	0.0065	0.0060	0.0024	0.0001	0.0013	0.0034	0.0005	0.0003	0.0001	0.0027	0.0134
354	2035	ALT3	WB	NT	Ramp	0.15	0.22	3.37	0.58	1552	1064	0.0143	0.0132	0.0049	0.0002	0.0036	0.0088	0.0010	0.0008	0.0001	0.0058	0.0406
355	2035	ALT3	WB	NT	Ramp	0.05	0.06	1.30	0.19	513	349	0.0042	0.0039	0.0015	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0018	0.0093
356	2035	ALT3	WB	NT	Ramp	0.05	0.07	1.06	0.19	492	339	0.0046	0.0043	0.0016	0.0001	0.0012	0.0029	0.0003	0.0002	0.0000	0.0020	0.0137
357	2035	ALT3	WB	NT	Ramp	0.13	0.18	2.82	0.42	1282	866	0.0109	0.0101	0.0041	0.0002	0.0025	0.0064	0.0009	0.0007	0.0001	0.0034	0.0265
358	2035	ALT3	WB	NT	Ramp	0.05	0.08	1.44	0.23	601	410	0.0051	0.0047	0.0017	0.0001	0.0011	0.0028	0.0004	0.0003	0.0000	0.0022	0.0121
359	2035	ALT3	WB	NT	Ramp	0.08	0.12	1.79	0.27	823	557	0.0072	0.0066	0.0027	0.0001	0.0017	0.0044	0.0006	0.0004	0.0001	0.0023	0.0189
360	2035	ALT3	WB	NT	Ramp	0.04	0.05	1.04	0.17	422	289	0.0036	0.0033	0.0012	0.0001	0.0008	0.0020	0.0003	0.0002	0.0000	0.0016	0.0088
361	2035	ALT3	WB	NT	Ramp	0.05	0.07	1.05	0.17	493	336	0.0045	0.0041	0.0016	0.0001	0.0012	0.0029	0.0003	0.0002	0.0000	0.0017	0.0134
362	2035	ALT3	WB	NT	Ramp	0.03	0.05	0.87	0.16	361	252	0.0035	0.0032	0.0010	0.0000	0.0009	0.0020	0.0002	0.0001	0.0000	0.0019	0.0100
363	2035	ALT3	WB	NT	Ramp	0.10	0.14	2.15	0.32	972	655	0.0082	0.0076	0.0031	0.0001	0.0018	0.0047	0.0006	0.0005	0.0001	0.0026	0.0190
364	2035	ALT3	WB	NT	HOV																	
365	2035	ALT3	WB	NT	HOV																	
366	2035	ALT3	WB	NT	HOT	0.11	0.14	2.45	0.28	988	642	0.0042	0.0039	0.0035	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0004	0.0007
367	2035	ALT3	WB	NT	HOT	0.16	0.21	3.68	0.42	1484	965	0.0064	0.0059	0.0052	0.0003	0.0010	0.0040	0.0012	0.0005	0.0001	0.0006	0.0010
368	2035	ALT3	WB	NT	HOT	0.08	0.11	1.86	0.21	752	489	0.0032	0.0030	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0005
369	2035	ALT3	WB	NT	HOT	0.08	0.10	1.76	0.20	712	463	0.0030	0.0028	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0005
370	2035	ALT3	WB	NT	HOT	0.08	0.11	1.90	0.22	768	499	0.0033	0.0030	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0005
371	2035	ALT3	WB	NT	HOT	0.04	0.05	0.88	0.10	354	230	0.0015	0.0014	0.0012	0.0001	0.0002	0.0010	0.0003	0.0001	0.0000	0.0001	0.0002
372	2035	ALT3	WB	NT	HOT	0.06	0.08	1.35	0.15	547	355	0.0023	0.0022	0.0019	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0002	0.0004
373	2035	ALT3	WB	NT	HOT	0.04	0.05	0.89	0.10	358	233	0.0015	0.0014	0.0013	0.0001	0.0002	0.0010	0.0003	0.0001	0.0000	0.0001	0.0003
374	2035	ALT3	WB	NT	HOT	0.18	0.23	3.97	0.45	1604	1043	0.0069	0.0064	0.0056	0.0003	0.0011	0.0043	0.0013	0.0005	0.0001	0.0007	0.0011
375	2035	ALT3	WB	NT	HOT	0.06	0.08	1.32	0.15	535	348	0.0023	0.0021	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
376	2035	ALT3	WB	NT	HOT	0.03	0.04	0.62	0.07	250	162	0.0011	0.0010	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
377	2035	ALT3	WB	NT	HOT	0.38	0.49	8.54	0.97	3450	2243	0.0148	0.0137	0.0121	0.0007	0.0024	0.0093	0.0028	0.0012	0.0002	0.0014	0.0024
378	2035	ALT3	WB	NT	HOT	0.08	0.11	1.91	0.22	770	501	0.0033	0.0031	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0005
379	2035	ALT3	WB	NT	HOT	0.08	0.11	1.88	0.21	761	495	0.0033	0.0030	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0005
380	2035	ALT3	WB	NT	HOT	0.08	0.10	1.75	0.20	707	460	0.0030	0.0028	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0005
381	2035	ALT3	WB	NT	HOT	0.29	0.37	6.40	0.73	2590	1684	0.0111	0.0103	0.0091	0.0005	0.0018	0.0070	0.0021	0.0009	0.0001	0.0011	0.0018
382	2035	ALT3	WB	NT	HOT	0.04	0.05	0.94	0.11	381	248	0.0016	0.0015	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
383	2035	ALT3	WB	NT	HOT	0.18	0.23	4.02	0.46	1627	1058	0.0070	0.0065	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0011
384	2035	ALT3	WB	NT	HOT	0.11	0.14	2.38	0.27	964	627	0.0041	0.0038	0.0034	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0007
385	2035	ALT3	WB	NT	HOT	0.27	0.34	5.94	0.67	2403	1562	0.0103	0.0095	0.0085	0.0005	0.0017	0.0065	0.0020	0.0008	0.0001	0.0010	0.0017
386	2035	ALT3	WB	NT	HOT	0.08	0.10	1.77	0.20	716	465	0.0031	0.0028	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0005
387	2035	ALT3	WB	NT	HOT	0.07	0.09	1.55	0.18	626	407	0.0027	0.0025	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
388	2035	ALT3	WB	NT	HOT	0.07	0.09	1.57	0.18	634	412	0.0027	0.0025	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
389	2035	ALT3	WB	NT	HOT	0.27	0.35	6.14	0.70	2484	1614	0.0106	0.0099	0.0088	0.0005	0.0017	0.0067	0.0020	0.0008	0.0001	0.0010	0.0017
390	2035	ALT3	WB	NT	HOT	0.02	0.03	0.47	0.05	189	123	0.0008	0.0007	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0001
391	2035	ALT3	WB	NT	HOT	0.28	0.36	6.26	0.71	2526	1642	0.0108	0.0100	0.0089	0.0005	0.0018	0.0068	0.0020	0.0009	0.0001	0.0010	0.0018
392	2035	ALT3	WB	NT	HOT	0.04	0.05	0.89	0.10	359	233	0.0015	0.0014	0.0013	0.0001	0.0002	0.0010	0.0003	0.0001	0.0000	0.0001	0.0003
393	2035	ALT3	WB	NT	HOT	0.26	0.34	5.90	0.67	2382	1549	0.0102	0.0095	0.0084	0.0005	0.0017	0.0064	0.0019	0.0008	0.0001	0.0010	0.0017

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
394	2035	ALT3	WB	NT	HOT	0.19	0.24	4.21	0.48	1699	1104	0.0073	0.0067	0.0060	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0007	0.0012
395	2035	ALT3	WB	NT	HOT	0.27	0.35	6.00	0.68	2425	1576	0.0104	0.0096	0.0085	0.0005	0.0017	0.0065	0.0020	0.0008	0.0001	0.0010	0.0017
396	2035	ALT3	WB	NT	HOT	0.08	0.10	1.72	0.20	694	451	0.0030	0.0028	0.0024	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0005
397	2035	ALT3	WB	NT	HOT	0.27	0.34	5.96	0.68	2406	1564	0.0103	0.0096	0.0085	0.0005	0.0017	0.0065	0.0019	0.0008	0.0001	0.0010	0.0017
398	2035	ALT3	WB	NT	HOT	0.38	0.49	8.61	0.98	3477	2260	0.0149	0.0138	0.0122	0.0007	0.0024	0.0094	0.0028	0.0012	0.0002	0.0014	0.0024
399	2035	ALT3	WB	NT	HOT	0.33	0.42	7.34	0.83	2962	1926	0.0127	0.0118	0.0104	0.0006	0.0021	0.0080	0.0024	0.0010	0.0001	0.0012	0.0021
400	2035	ALT3	WB	NT	HOT	0.24	0.30	5.29	0.60	2136	1389	0.0091	0.0085	0.0075	0.0004	0.0015	0.0058	0.0017	0.0007	0.0001	0.0009	0.0015
401	2035	ALT3	WB	NT	HOT	0.17	0.22	3.79	0.43	1530	994	0.0066	0.0061	0.0054	0.0003	0.0011	0.0041	0.0012	0.0005	0.0001	0.0006	0.0011
402	2035	ALT3	WB	NT	HOT	0.16	0.21	3.65	0.42	1475	959	0.0063	0.0059	0.0052	0.0003	0.0010	0.0040	0.0012	0.0005	0.0001	0.0006	0.0010
403	2035	ALT3	WB	NT	HOT	0.30	0.39	6.79	0.77	2744	1784	0.0118	0.0109	0.0097	0.0005	0.0019	0.0074	0.0022	0.0009	0.0001	0.0011	0.0019
404	2035	ALT3	WB	NT	HOT	0.17	0.22	3.84	0.44	1551	1008	0.0066	0.0062	0.0055	0.0003	0.0011	0.0042	0.0013	0.0005	0.0001	0.0006	0.0011
405	2035	ALT3	WB	NT	HOT	0.24	0.31	5.31	0.60	2144	1394	0.0092	0.0085	0.0075	0.0004	0.0015	0.0058	0.0017	0.0007	0.0001	0.0009	0.0015
406	2035	ALT3	WB	NT	HOT	0.18	0.24	4.12	0.47	1664	1081	0.0071	0.0066	0.0059	0.0003	0.0012	0.0045	0.0013	0.0006	0.0001	0.0007	0.0012
407	2035	ALT3	WB	NT	HOT	0.28	0.36	6.21	0.71	2508	1630	0.0107	0.0100	0.0088	0.0005	0.0017	0.0068	0.0020	0.0009	0.0001	0.0010	0.0018
408	2035	ALT3	WB	NT	HOT	0.17	0.22	3.88	0.44	1569	1020	0.0067	0.0062	0.0055	0.0003	0.0011	0.0042	0.0013	0.0005	0.0001	0.0006	0.0011
409	2035	ALT3	WB	NT	HOT	0.24	0.31	5.42	0.62	2189	1423	0.0094	0.0087	0.0077	0.0004	0.0015	0.0059	0.0018	0.0007	0.0001	0.0009	0.0015
410	2035	ALT3	WB	NT	HOT	0.60	0.78	13.61	1.55	5490	3569	0.0235	0.0218	0.0193	0.0010	0.0038	0.0148	0.0044	0.0019	0.0003	0.0022	0.0038
411	2035	ALT3	WB	NT	HOT	0.32	0.42	7.29	0.83	2940	1911	0.0126	0.0117	0.0103	0.0006	0.0020	0.0079	0.0024	0.0010	0.0001	0.0012	0.0021
412	2035	ALT3	WB	NT	HOT	0.12	0.16	2.79	0.32	1127	732	0.0048	0.0045	0.0040	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0008
413	2035	ALT3	WB	NT	HOT	0.06	0.08	1.43	0.16	576	375	0.0025	0.0023	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0002	0.0004
414	2035	ALT3	WB	NT	HOT	0.27	0.35	6.09	0.69	2456	1596	0.0105	0.0097	0.0086	0.0005	0.0017	0.0066	0.0020	0.0008	0.0001	0.0010	0.0017
415	2035	ALT3	WB	NT	HOT	0.06	0.08	1.43	0.16	576	375	0.0025	0.0023	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0002	0.0004
416	2035	ALT3	WB	NT	HOT	0.01	0.01	0.22	0.03	89	58	0.0004	0.0004	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
417	2035	ALT3	WB	NT	HOT	0.28	0.36	6.23	0.71	2513	1633	0.0108	0.0100	0.0088	0.0005	0.0017	0.0068	0.0020	0.0009	0.0001	0.0010	0.0018
418	2035	ALT3	WB	NT	HOT	0.12	0.15	2.68	0.30	1081	702	0.0046	0.0043	0.0038	0.0002	0.0008	0.0029	0.0009	0.0004	0.0001	0.0004	0.0008
419	2035	ALT3	WB	NT	HOT	0.20	0.25	4.41	0.50	1780	1157	0.0076	0.0071	0.0063	0.0003	0.0012	0.0048	0.0014	0.0006	0.0001	0.0007	0.0012
420	2035	ALT3	WB	NT	HOT	0.21	0.27	4.60	0.52	1861	1210	0.0080	0.0074	0.0066	0.0004	0.0013	0.0050	0.0015	0.0006	0.0001	0.0008	0.0013
421	2035	ALT3	WB	NT	HOT	0.19	0.25	4.36	0.49	1762	1146	0.0075	0.0070	0.0062	0.0003	0.0012	0.0048	0.0014	0.0006	0.0001	0.0007	0.0012
422	2035	ALT3	WB	NT	HOT	0.23	0.30	5.17	0.59	2092	1360	0.0090	0.0083	0.0074	0.0004	0.0015	0.0056	0.0017	0.0007	0.0001	0.0008	0.0015
423	2035	ALT3	WB	NT	HOT	0.45	0.58	9.97	1.13	4033	2622	0.0173	0.0160	0.0142	0.0008	0.0028	0.0109	0.0033	0.0014	0.0002	0.0016	0.0028
424	2035	ALT3	WB	NT	HOT	0.11	0.14	2.44	0.28	986	641	0.0042	0.0039	0.0035	0.0002	0.0007	0.0027	0.0008	0.0003	0.0000	0.0004	0.0007
425	2035	ALT3	WB	NT	HOT	0.26	0.33	5.76	0.65	2331	1515	0.0100	0.0093	0.0082	0.0004	0.0016	0.0063	0.0019	0.0008	0.0001	0.0009	0.0016
426	2035	ALT3	WB	NT	HOT	0.14	0.18	3.03	0.34	1227	798	0.0053	0.0049	0.0043	0.0002	0.0009	0.0033	0.0010	0.0004	0.0001	0.0005	0.0009
427	2035	ALT3	WB	NT	HOT	0.26	0.33	5.80	0.66	2346	1525	0.0100	0.0093	0.0083	0.0004	0.0016	0.0063	0.0019	0.0008	0.0001	0.0010	0.0016
428	2035	ALT3	WB	NT	HOT	0.28	0.36	6.19	0.70	2505	1628	0.0107	0.0099	0.0088	0.0005	0.0017	0.0068	0.0020	0.0009	0.0001	0.0010	0.0017
429	2035	ALT3	WB	NT	HOT	0.18	0.24	4.13	0.47	1671	1086	0.0072	0.0066	0.0059	0.0003	0.0012	0.0045	0.0014	0.0006	0.0001	0.0007	0.0012
430	2035	ALT3	WB	NT	HOT	0.27	0.35	6.23	0.71	2506	1629	0.0107	0.0099	0.0088	0.0005	0.0017	0.0067	0.0020	0.0009	0.0001	0.0010	0.0018
431	2035	ALT3	WB	NT	HOT	0.25	0.32	5.62	0.64	2259	1468	0.0097	0.0090	0.0079	0.0004	0.0016	0.0060	0.0018	0.0008	0.0001	0.0009	0.0016
432	2035	ALT3	WB	NT	HOT	0.29	0.38	6.62	0.75	2660	1729	0.0114	0.0106	0.0093	0.0005	0.0018	0.0071	0.0021	0.0009	0.0001	0.0011	0.0019
433	2035	ALT3	WB	NT	HOT	0.27	0.34	6.09	0.70	2437	1584	0.0104	0.0097	0.0085	0.0005	0.0017	0.0065	0.0020	0.0008	0.0001	0.0010	0.0017
434	2035	ALT3	WB	NT	HOT	0.22	0.29	5.12	0.58	2049	1332	0.0088	0.0081	0.0071	0.0004	0.0014	0.0055	0.0016	0.0007	0.0001	0.0008	0.0015
435	2035	ALT3	WB	NT	HOT	0.43	0.55	9.82	1.12	3931	2555	0.0168	0.0156	0.0137	0.0007	0.0027	0.0105	0.0031	0.0013	0.0002	0.0016	0.0028
436	2035	ALT3	WB	NT	HOT	0.04	0.05	0.94	0.11	377	245	0.0016	0.0015	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
437	2035	ALT3	WB	NT	HOT	0.46	0.59	10.44	1.19	4181	2718	0.0179	0.0166	0.0145	0.0008	0.0029	0.0111	0.0033	0.0014	0.0002	0.0017	0.0030
1	2045	ALT1	EB	AM	Mainline	0.54	0.70	14.53	2.89	6047	4246	0.0755	0.0696	0.0166	0.0008	0.0114	0.0281	0.0035	0.0017	0.0005	0.0569	0.1206
2	2045	ALT1	EB	AM	Mainline	1.38	1.78	35.18	7.28	15092	10622	0.2011	0.1853	0.0421	0.0020	0.0283	0.0702	0.0089	0.0043	0.0012	0.1552	0.2979
3	2045	ALT1	EB	AM	Mainline	0.07	0.09	1.65	0.34	722	505	0.0096	0.0089	0.0021	0.0001	0.0013	0.0032	0.0004	0.0002	0.0001	0.0074	0.0129
4	2045	ALT1	EB	AM	Mainline	1.16	1.50	29.41	6.13	12676	8927	0.1707	0.1573	0.0354	0.0016	0.0239	0.0592	0.0075	0.0036	0.0011	0.1322	0.2510

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
5	2045	ALT1	EB	AM	Mainline	0.49	0.62	11.75	2.41	5134	3596	0.0688	0.0634	0.0149	0.0007	0.0091	0.0230	0.0032	0.0015	0.0004	0.0529	0.0916
6	2045	ALT1	EB	AM	Mainline	0.71	0.91	17.56	3.69	7647	5386	0.1049	0.0967	0.0216	0.0010	0.0143	0.0357	0.0046	0.0022	0.0006	0.0818	0.1499
7	2045	ALT1	EB	AM	Mainline	1.02	1.33	27.70	5.48	11443	8036	0.1412	0.1302	0.0312	0.0014	0.0217	0.0534	0.0065	0.0033	0.0009	0.1058	0.2315
8	2045	ALT1	EB	AM	Mainline	1.31	1.69	33.20	6.95	14326	10094	0.1938	0.1786	0.0400	0.0019	0.0271	0.0671	0.0084	0.0040	0.0012	0.1504	0.2857
9	2045	ALT1	EB	AM	Mainline	1.09	1.41	29.30	5.81	12154	8535	0.1510	0.1392	0.0333	0.0015	0.0229	0.0565	0.0070	0.0035	0.0010	0.1135	0.2437
10	2045	ALT1	EB	AM	Mainline	0.34	0.44	8.57	1.80	3725	2623	0.0509	0.0469	0.0105	0.0005	0.0070	0.0173	0.0022	0.0010	0.0003	0.0396	0.0727
11	2045	ALT1	EB	AM	Mainline	0.70	0.92	19.48	3.73	7920	5543	0.0936	0.0863	0.0215	0.0010	0.0146	0.0362	0.0045	0.0023	0.0006	0.0688	0.1549
12	2045	ALT1	EB	AM	Mainline	0.50	0.65	13.15	2.58	5509	3852	0.0682	0.0629	0.0154	0.0007	0.0098	0.0246	0.0033	0.0016	0.0004	0.0510	0.1010
13	2045	ALT1	EB	AM	Mainline	0.50	0.64	11.92	2.29	5162	3577	0.0638	0.0588	0.0154	0.0008	0.0082	0.0216	0.0033	0.0015	0.0004	0.0472	0.0774
14	2045	ALT1	EB	AM	Mainline	0.75	0.97	18.34	3.48	7847	5434	0.0947	0.0874	0.0232	0.0011	0.0124	0.0327	0.0050	0.0023	0.0006	0.0696	0.1182
15	2045	ALT1	EB	AM	Mainline	0.91	1.17	24.08	4.49	9909	6880	0.1144	0.1055	0.0279	0.0013	0.0165	0.0422	0.0060	0.0029	0.0008	0.0828	0.1645
16	2045	ALT1	EB	AM	Mainline	0.52	0.67	13.80	2.59	5690	3955	0.0664	0.0613	0.0160	0.0008	0.0096	0.0244	0.0034	0.0017	0.0004	0.0483	0.0963
17	2045	ALT1	EB	AM	Mainline	0.83	1.08	22.81	4.29	9289	6474	0.1079	0.0995	0.0256	0.0012	0.0163	0.0410	0.0054	0.0027	0.0007	0.0785	0.1685
18	2045	ALT1	EB	AM	Mainline	0.74	0.97	21.34	3.68	8345	5756	0.0854	0.0787	0.0230	0.0011	0.0132	0.0342	0.0049	0.0025	0.0006	0.0579	0.1318
19	2045	ALT1	EB	AM	Mainline	0.59	0.76	15.29	2.75	6308	4348	0.0697	0.0643	0.0182	0.0009	0.0096	0.0254	0.0040	0.0019	0.0005	0.0491	0.0911
20	2045	ALT1	EB	AM	Mainline	1.19	1.55	31.23	5.66	12865	8880	0.1432	0.1320	0.0369	0.0018	0.0199	0.0523	0.0080	0.0038	0.0010	0.1013	0.1907
21	2045	ALT1	EB	AM	Mainline	0.13	0.17	3.29	0.61	1395	963	0.0162	0.0149	0.0041	0.0002	0.0021	0.0057	0.0009	0.0004	0.0001	0.0117	0.0199
22	2045	ALT1	EB	AM	Mainline	0.52	0.67	12.89	2.32	5430	3733	0.0605	0.0558	0.0162	0.0008	0.0080	0.0215	0.0035	0.0016	0.0004	0.0427	0.0724
23	2045	ALT1	EB	AM	Mainline	0.53	0.69	13.18	2.40	5555	3827	0.0632	0.0582	0.0165	0.0008	0.0084	0.0224	0.0036	0.0017	0.0004	0.0450	0.0774
24	2045	ALT1	EB	AM	Mainline	0.49	0.63	11.92	2.14	5050	3469	0.0565	0.0521	0.0152	0.0008	0.0074	0.0199	0.0033	0.0015	0.0004	0.0398	0.0659
25	2045	ALT1	EB	AM	Mainline	0.31	0.40	7.77	1.39	3232	2223	0.0355	0.0327	0.0095	0.0005	0.0048	0.0128	0.0021	0.0010	0.0002	0.0248	0.0439
26	2045	ALT1	EB	AM	Mainline	2.73	3.52	66.21	11.67	27957	19147	0.3030	0.2795	0.0850	0.0042	0.0394	0.1080	0.0186	0.0085	0.0021	0.2100	0.3439
27	2045	ALT1	EB	AM	Mainline	2.17	2.79	49.85	8.87	21571	14774	0.2418	0.2230	0.0676	0.0034	0.0304	0.0841	0.0149	0.0065	0.0016	0.1700	0.2588
28	2045	ALT1	EB	AM	Mainline	1.20	1.55	28.00	4.92	12008	8212	0.1311	0.1209	0.0374	0.0019	0.0166	0.0462	0.0082	0.0036	0.0009	0.0909	0.1407
29	2045	ALT1	EB	AM	Mainline	0.83	1.07	19.19	3.32	8241	5623	0.0882	0.0813	0.0260	0.0013	0.0112	0.0313	0.0057	0.0025	0.0006	0.0604	0.0919
30	2045	ALT1	EB	AM	Mainline	1.44	1.85	32.79	5.61	14103	9610	0.1492	0.1376	0.0448	0.0023	0.0188	0.0532	0.0099	0.0043	0.0010	0.1014	0.1526
31	2045	ALT1	EB	AM	Mainline	1.06	1.37	24.75	4.20	10548	7181	0.1093	0.1008	0.0332	0.0017	0.0139	0.0394	0.0074	0.0032	0.0008	0.0735	0.1128
32	2045	ALT1	EB	AM	Mainline	1.13	1.46	27.44	4.70	11514	7854	0.1191	0.1099	0.0353	0.0018	0.0155	0.0433	0.0078	0.0035	0.0008	0.0803	0.1307
33	2045	ALT1	EB	AM	Mainline	1.05	1.35	26.20	4.39	10805	7356	0.1073	0.0990	0.0327	0.0016	0.0143	0.0399	0.0072	0.0033	0.0008	0.0707	0.1200
34	2045	ALT1	EB	AM	Mainline	1.22	1.59	31.68	5.35	12902	8808	0.1293	0.1193	0.0381	0.0019	0.0177	0.0485	0.0084	0.0039	0.0009	0.0859	0.1549
35	2045	ALT1	EB	AM	Mainline	0.69	0.90	17.37	2.87	7132	4847	0.0692	0.0639	0.0216	0.0011	0.0092	0.0260	0.0048	0.0022	0.0005	0.0449	0.0765
36	2045	ALT1	EB	AM	Mainline	0.83	1.07	20.81	3.44	8544	5807	0.0829	0.0765	0.0259	0.0013	0.0111	0.0312	0.0057	0.0026	0.0006	0.0538	0.0916
37	2045	ALT1	EB	AM	Mainline	1.12	1.44	28.03	4.63	11508	7822	0.1117	0.1030	0.0349	0.0018	0.0149	0.0420	0.0077	0.0035	0.0008	0.0725	0.1234
38	2045	ALT1	EB	AM	Mainline	1.63	2.12	43.21	6.94	17264	11714	0.1591	0.1468	0.0511	0.0026	0.0220	0.0617	0.0113	0.0054	0.0012	0.0999	0.1835
39	2045	ALT1	EB	AM	Mainline	1.75	2.27	43.88	7.04	17930	12135	0.1654	0.1527	0.0549	0.0028	0.0221	0.0634	0.0122	0.0056	0.0012	0.1036	0.1743
40	2045	ALT1	EB	AM	Mainline	1.17	1.51	28.27	4.61	11777	7977	0.1122	0.1035	0.0367	0.0019	0.0146	0.0421	0.0082	0.0037	0.0008	0.0717	0.1139
41	2045	ALT1	EB	AM	Mainline	0.43	0.56	10.82	1.74	4433	3000	0.0410	0.0378	0.0136	0.0007	0.0055	0.0157	0.0030	0.0014	0.0003	0.0257	0.0428
42	2045	ALT1	EB	AM	Mainline	1.27	1.65	33.90	5.41	13485	9143	0.1226	0.1131	0.0398	0.0020	0.0170	0.0479	0.0088	0.0042	0.0009	0.0762	0.1412
43	2045	ALT1	EB	AM	Mainline	0.57	0.74	14.21	2.27	5810	3929	0.0532	0.0491	0.0178	0.0009	0.0071	0.0205	0.0040	0.0018	0.0004	0.0331	0.0554
44	2045	ALT1	EB	AM	Mainline	0.90	1.17	22.47	3.59	9186	6213	0.0842	0.0777	0.0282	0.0014	0.0112	0.0323	0.0063	0.0029	0.0006	0.0524	0.0876
45	2045	ALT1	EB	AM	Mainline	0.38	0.49	9.42	1.51	3879	2624	0.0359	0.0332	0.0120	0.0006	0.0048	0.0137	0.0027	0.0012	0.0003	0.0225	0.0369
46	2045	ALT1	EB	AM	Mainline	1.00	1.30	26.16	4.17	10499	7112	0.0956	0.0883	0.0314	0.0016	0.0131	0.0371	0.0069	0.0033	0.0007	0.0595	0.1065
47	2045	ALT1	EB	AM	Mainline	0.06	0.08	1.44	0.23	596	403	0.0055	0.0051	0.0019	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0034	0.0056
48	2045	ALT1	EB	AM	Mainline	1.22	1.58	29.46	4.77	12260	8295	0.1152	0.1064	0.0383	0.0020	0.0150	0.0435	0.0085	0.0038	0.0008	0.0729	0.1155
49	2045	ALT1	EB	AM	Mainline	0.10	0.13	2.43	0.39	995	673	0.0092	0.0085	0.0031	0.0002	0.0012	0.0035	0.0007	0.0003	0.0001	0.0057	0.0095
50	2045	ALT1	EB	AM	Mainline	1.55	2.00	38.66	6.24	15838	10727	0.1477	0.1363	0.0485	0.0025	0.0197	0.0563	0.0108	0.0049	0.0011	0.0931	0.1560
51	2045	ALT1	EB	AM	Mainline	0.24	0.31	6.37	1.03	2548	1729	0.0236	0.0218	0.0075	0.0004	0.0033	0.0091	0.0017	0.0008	0.0002	0.0149	0.0274
52	2045	ALT1	EB	AM	Mainline	0.34	0.44	9.40	1.50	3683	2502	0.0335	0.0309	0.0106	0.0005	0.0048	0.0133	0.0023	0.0011	0.0002	0.0209	0.0413

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
53	2045	ALT1	EB	AM	Mainline	0.25	0.33	7.22	1.16	2791	1903	0.0258	0.0238	0.0079	0.0004	0.0038	0.0104	0.0017	0.0009	0.0002	0.0163	0.0351
54	2045	ALT1	EB	AM	Mainline	1.29	1.71	39.60	6.26	14810	10120	0.1321	0.1220	0.0404	0.0019	0.0216	0.0569	0.0087	0.0046	0.0010	0.0809	0.2088
55	2045	ALT1	EB	AM	Mainline	0.64	0.84	17.63	2.90	6966	4752	0.0665	0.0614	0.0200	0.0010	0.0095	0.0259	0.0044	0.0021	0.0005	0.0430	0.0855
56	2045	ALT1	EB	AM	Mainline	0.80	1.05	23.10	3.79	8923	6109	0.0851	0.0785	0.0248	0.0012	0.0130	0.0344	0.0054	0.0027	0.0006	0.0550	0.1230
57	2045	ALT1	EB	AM	Mainline	0.51	0.66	12.03	2.06	5103	3478	0.0532	0.0491	0.0159	0.0008	0.0068	0.0192	0.0035	0.0016	0.0004	0.0360	0.0563
58	2045	ALT1	EB	AM	Mainline	1.66	2.14	40.05	6.98	16913	11563	0.1803	0.1663	0.0517	0.0026	0.0234	0.0646	0.0114	0.0051	0.0012	0.1237	0.2001
59	2045	ALT1	EB	AM	Mainline	0.43	0.55	9.96	1.72	4274	2916	0.0457	0.0422	0.0135	0.0007	0.0058	0.0162	0.0030	0.0013	0.0003	0.0313	0.0477
60	2045	ALT1	EB	AM	Mainline	1.70	2.18	39.90	7.09	17094	11709	0.1891	0.1745	0.0528	0.0026	0.0241	0.0663	0.0116	0.0052	0.0013	0.1323	0.2072
61	2045	ALT1	EB	AM	Mainline	0.39	0.50	8.69	1.53	3782	2587	0.0421	0.0388	0.0120	0.0006	0.0052	0.0146	0.0027	0.0012	0.0003	0.0294	0.0437
62	2045	ALT1	EB	AM	Mainline	0.78	1.00	17.15	3.11	7574	5199	0.0891	0.0821	0.0242	0.0012	0.0109	0.0301	0.0053	0.0023	0.0006	0.0640	0.0930
63	2045	ALT1	EB	AM	Mainline	0.30	0.38	6.57	1.23	2913	2007	0.0357	0.0329	0.0092	0.0005	0.0044	0.0119	0.0020	0.0009	0.0002	0.0261	0.0384
64	2045	ALT1	EB	AM	Mainline	0.89	1.13	19.78	3.84	8820	6110	0.1136	0.1047	0.0274	0.0013	0.0139	0.0371	0.0060	0.0026	0.0007	0.0852	0.1273
65	2045	ALT1	EB	AM	Mainline	0.28	0.36	6.31	1.22	2803	1940	0.0357	0.0329	0.0087	0.0004	0.0044	0.0117	0.0019	0.0008	0.0002	0.0267	0.0401
66	2045	ALT1	EB	AM	Mainline	0.10	0.13	2.27	0.50	1040	733	0.0157	0.0145	0.0031	0.0001	0.0019	0.0048	0.0007	0.0003	0.0001	0.0126	0.0194
67	2045	ALT1	EB	AM	Mainline	0.73	0.92	16.21	3.83	7582	5404	0.1244	0.1146	0.0220	0.0010	0.0153	0.0375	0.0046	0.0021	0.0007	0.1024	0.1612
68	2045	ALT1	EB	AM	Mainline	0.55	0.70	11.92	2.75	5602	3975	0.0909	0.0837	0.0167	0.0008	0.0108	0.0271	0.0035	0.0015	0.0005	0.0744	0.1116
69	2045	ALT1	EB	AM	Mainline	1.26	1.60	27.29	6.74	13050	9354	0.2277	0.2098	0.0379	0.0017	0.0273	0.0666	0.0080	0.0035	0.0013	0.1906	0.2921
70	2045	ALT1	EB	AM	Mainline	0.80	1.01	16.60	4.02	8038	5735	0.1408	0.1297	0.0243	0.0011	0.0161	0.0400	0.0051	0.0022	0.0008	0.1175	0.1668
71	2045	ALT1	EB	AM	Mainline	0.84	1.05	16.56	4.99	8666	6376	0.1929	0.1777	0.0248	0.0011	0.0213	0.0501	0.0051	0.0022	0.0010	0.1708	0.2405
72	2045	ALT1	EB	AM	Mainline	0.83	1.05	16.50	4.69	8486	6191	0.1796	0.1654	0.0248	0.0011	0.0197	0.0471	0.0051	0.0022	0.0010	0.1571	0.2175
73	2045	ALT1	EB	AM	Ramp	0.05	0.08	1.23	0.16	554	369	0.0044	0.0041	0.0018	0.0001	0.0008	0.0023	0.0004	0.0003	0.0000	0.0010	0.0082
74	2045	ALT1	EB	AM	Ramp	0.05	0.08	0.96	0.14	481	321	0.0042	0.0039	0.0017	0.0001	0.0011	0.0028	0.0004	0.0003	0.0000	0.0009	0.0119
75	2045	ALT1	EB	AM	Ramp	0.06	0.08	1.07	0.14	519	346	0.0044	0.0040	0.0018	0.0001	0.0010	0.0026	0.0004	0.0003	0.0000	0.0009	0.0105
76	2045	ALT1	EB	AM	Ramp	0.09	0.13	1.56	0.22	809	540	0.0072	0.0066	0.0030	0.0001	0.0019	0.0048	0.0006	0.0005	0.0001	0.0014	0.0205
77	2045	ALT1	EB	AM	Ramp	0.05	0.08	1.16	0.15	536	357	0.0043	0.0040	0.0018	0.0001	0.0009	0.0024	0.0004	0.0003	0.0000	0.0009	0.0085
78	2045	ALT1	EB	AM	Ramp	0.11	0.16	1.40	0.20	854	567	0.0083	0.0077	0.0035	0.0002	0.0023	0.0058	0.0007	0.0006	0.0001	0.0012	0.0259
79	2045	ALT1	EB	AM	Ramp	0.10	0.15	1.57	0.22	870	578	0.0080	0.0074	0.0034	0.0002	0.0021	0.0054	0.0007	0.0006	0.0001	0.0013	0.0231
80	2045	ALT1	EB	AM	Ramp	0.19	0.29	3.23	0.42	1719	1138	0.0151	0.0140	0.0064	0.0003	0.0033	0.0089	0.0013	0.0011	0.0002	0.0022	0.0342
81	2045	ALT1	EB	AM	Ramp	0.10	0.14	2.72	0.39	1080	731	0.0085	0.0079	0.0031	0.0001	0.0017	0.0045	0.0007	0.0005	0.0001	0.0033	0.0176
82	2045	ALT1	EB	AM	Ramp	0.17	0.25	3.42	0.41	1647	1086	0.0132	0.0123	0.0056	0.0003	0.0023	0.0067	0.0012	0.0010	0.0001	0.0019	0.0210
83	2045	ALT1	EB	AM	Ramp	0.02	0.03	0.62	0.11	257	178	0.0024	0.0022	0.0007	0.0000	0.0006	0.0014	0.0001	0.0001	0.0000	0.0012	0.0065
84	2045	ALT1	EB	AM	Ramp	0.04	0.06	1.40	0.16	519	343	0.0034	0.0032	0.0015	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0008	0.0039
85	2045	ALT1	EB	AM	Ramp	0.11	0.14	2.85	0.53	1169	817	0.0112	0.0103	0.0033	0.0001	0.0028	0.0066	0.0007	0.0004	0.0001	0.0064	0.0324
86	2045	ALT1	EB	AM	Ramp	0.11	0.16	2.61	0.45	1162	800	0.0108	0.0100	0.0035	0.0002	0.0025	0.0061	0.0007	0.0005	0.0001	0.0048	0.0279
87	2045	ALT1	EB	AM	Ramp	0.03	0.05	0.73	0.11	339	229	0.0029	0.0027	0.0011	0.0001	0.0007	0.0018	0.0002	0.0002	0.0000	0.0009	0.0081
88	2045	ALT1	EB	AM	Ramp	0.06	0.09	1.55	0.24	668	454	0.0057	0.0053	0.0020	0.0001	0.0012	0.0030	0.0004	0.0003	0.0001	0.0022	0.0124
89	2045	ALT1	EB	AM	Ramp	0.02	0.03	0.39	0.06	179	121	0.0015	0.0014	0.0006	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0004	0.0039
90	2045	ALT1	EB	AM	Ramp	0.03	0.04	0.49	0.14	263	192	0.0033	0.0030	0.0009	0.0000	0.0013	0.0028	0.0002	0.0001	0.0000	0.0021	0.0167
91	2045	ALT1	EB	AM	Ramp	0.13	0.19	2.65	0.42	1253	851	0.0112	0.0104	0.0042	0.0002	0.0031	0.0075	0.0009	0.0007	0.0001	0.0038	0.0345
92	2045	ALT1	EB	AM	Ramp	0.05	0.07	0.83	0.19	429	302	0.0045	0.0042	0.0015	0.0001	0.0019	0.0042	0.0003	0.0002	0.0000	0.0022	0.0232
93	2045	ALT1	EB	AM	Ramp	0.51	0.68	13.77	2.65	5604	3944	0.0560	0.0517	0.0154	0.0006	0.0141	0.0328	0.0031	0.0019	0.0004	0.0344	0.1648
94	2045	ALT1	EB	AM	Ramp	0.33	0.47	7.79	1.17	3455	2336	0.0294	0.0272	0.0106	0.0005	0.0061	0.0159	0.0022	0.0017	0.0003	0.0100	0.0638
95	2045	ALT1	EB	AM	Ramp	0.18	0.26	2.50	0.43	1404	950	0.0136	0.0126	0.0057	0.0002	0.0053	0.0123	0.0011	0.0009	0.0001	0.0034	0.0628
96	2045	ALT1	EB	AM	Ramp	0.02	0.03	0.65	0.09	228	153	0.0016	0.0015	0.0006	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0007	0.0028
97	2045	ALT1	EB	AM	Ramp	0.04	0.05	0.97	0.21	427	303	0.0045	0.0042	0.0012	0.0000	0.0012	0.0028	0.0002	0.0002	0.0000	0.0028	0.0148
98	2045	ALT1	EB	AM	Ramp	0.02	0.03	0.56	0.14	256	186	0.0031	0.0028	0.0007	0.0000	0.0009	0.0020	0.0001	0.0001	0.0000	0.0022	0.0110
99	2045	ALT1	EB	AM	Ramp	0.07	0.10	1.97	0.34	791	549	0.0072	0.0067	0.0022	0.0001	0.0017	0.0042	0.0004	0.0003	0.0001	0.0039	0.0197
100	2045	ALT1	EB	AM	Ramp	0.10	0.14	3.03	0.42	1161	783	0.0088	0.0082	0.0033	0.0002	0.0017	0.0046	0.0007	0.0005	0.0001	0.0033	0.0172

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
101	2045	ALT1	EB	AM	Ramp	0.03	0.04	0.93	0.17	365	256	0.0036	0.0033	0.0010	0.0000	0.0008	0.0020	0.0002	0.0001	0.0000	0.0022	0.0098
102	2045	ALT1	EB	AM	Ramp	0.05	0.06	1.45	0.18	531	354	0.0037	0.0034	0.0015	0.0001	0.0006	0.0018	0.0003	0.0002	0.0000	0.0012	0.0058
103	2045	ALT1	EB	AM	Ramp	0.02	0.02	0.52	0.07	188	127	0.0014	0.0013	0.0005	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0006	0.0025
104	2045	ALT1	EB	AM	Ramp	0.09	0.13	2.04	0.24	898	594	0.0068	0.0063	0.0028	0.0001	0.0011	0.0032	0.0006	0.0005	0.0001	0.0012	0.0090
105	2045	ALT1	EB	AM	Ramp	0.03	0.05	0.96	0.12	370	247	0.0027	0.0025	0.0011	0.0001	0.0005	0.0013	0.0002	0.0002	0.0000	0.0008	0.0043
106	2045	ALT1	EB	AM	Ramp	0.03	0.04	0.36	0.04	221	145	0.0021	0.0020	0.0009	0.0000	0.0004	0.0011	0.0002	0.0002	0.0000	0.0002	0.0036
107	2045	ALT1	EB	AM	Ramp	0.06	0.08	1.41	0.23	600	410	0.0052	0.0048	0.0018	0.0001	0.0011	0.0029	0.0004	0.0003	0.0000	0.0022	0.0124
108	2045	ALT1	EB	AM	Ramp	0.10	0.15	2.17	0.25	1023	673	0.0080	0.0074	0.0034	0.0002	0.0012	0.0037	0.0007	0.0006	0.0001	0.0010	0.0104
109	2045	ALT1	EB	AM	Ramp	0.05	0.07	1.50	0.22	594	403	0.0047	0.0044	0.0017	0.0001	0.0010	0.0025	0.0004	0.0003	0.0000	0.0019	0.0100
110	2045	ALT1	EB	AM	Ramp	0.10	0.15	2.51	0.31	1095	725	0.0083	0.0077	0.0034	0.0002	0.0013	0.0039	0.0007	0.0006	0.0001	0.0016	0.0115
111	2045	ALT1	EB	AM	Ramp	0.03	0.04	1.00	0.13	363	243	0.0025	0.0023	0.0010	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0009	0.0042
112	2045	ALT1	EB	AM	Ramp	0.11	0.16	2.55	0.33	1145	762	0.0091	0.0084	0.0037	0.0002	0.0017	0.0048	0.0008	0.0006	0.0001	0.0020	0.0166
113	2045	ALT1	EB	AM	Ramp	0.04	0.05	1.04	0.14	413	276	0.0031	0.0028	0.0012	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0009	0.0049
114	2045	ALT1	EB	AM	Ramp	0.07	0.11	1.63	0.19	740	488	0.0057	0.0053	0.0024	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0009	0.0077
115	2045	ALT1	EB	AM	Ramp																	
116	2045	ALT1	EB	AM	Ramp	0.03	0.04	0.69	0.08	296	194	0.0022	0.0020	0.0009	0.0000	0.0003	0.0009	0.0002	0.0002	0.0000	0.0003	0.0022
117	2045	ALT1	EB	AM	Ramp	0.04	0.05	0.97	0.13	396	266	0.0031	0.0028	0.0012	0.0001	0.0006	0.0015	0.0002	0.0002	0.0000	0.0010	0.0054
118	2045	ALT1	EB	AM	Ramp	0.03	0.04	0.71	0.08	300	198	0.0022	0.0020	0.0009	0.0000	0.0003	0.0010	0.0002	0.0002	0.0000	0.0004	0.0026
119	2045	ALT1	EB	AM	Ramp	0.06	0.09	1.74	0.21	697	463	0.0050	0.0047	0.0020	0.0001	0.0008	0.0023	0.0004	0.0003	0.0001	0.0012	0.0064
120	2045	ALT1	EB	AM	Ramp	0.03	0.04	0.67	0.08	285	189	0.0021	0.0020	0.0009	0.0000	0.0003	0.0009	0.0002	0.0002	0.0000	0.0004	0.0025
121	2045	ALT1	EB	AM	Ramp	0.08	0.11	2.57	0.35	923	623	0.0068	0.0063	0.0025	0.0001	0.0013	0.0035	0.0005	0.0003	0.0001	0.0029	0.0126
122	2045	ALT1	EB	AM	Ramp	0.74	1.04	20.73	3.05	8256	5600	0.0664	0.0614	0.0236	0.0011	0.0137	0.0355	0.0050	0.0036	0.0006	0.0264	0.1423
123	2045	ALT1	EB	AM	Ramp	0.48	0.67	14.24	2.05	5452	3694	0.0426	0.0394	0.0152	0.0007	0.0087	0.0225	0.0032	0.0022	0.0004	0.0175	0.0886
124	2045	ALT1	EB	AM	Ramp																	
125	2045	ALT1	EB	AM	Ramp	0.17	0.25	2.47	0.37	1403	937	0.0133	0.0123	0.0056	0.0003	0.0041	0.0100	0.0011	0.0010	0.0001	0.0024	0.0463
126	2045	ALT1	EB	AM	Ramp	0.02	0.03	0.40	0.06	184	124	0.0016	0.0015	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0005	0.0041
127	2045	ALT1	EB	AM	Ramp	0.25	0.38	3.11	0.42	2020	1332	0.0203	0.0188	0.0084	0.0004	0.0047	0.0122	0.0017	0.0016	0.0002	0.0020	0.0494
128	2045	ALT1	EB	AM	Ramp	0.00	0.01	0.10	0.01	44	29	0.0003	0.0003	0.0001	0.0000	0.0001	0.0002	0.0000	0.0000	0.0000	0.0001	0.0004
129	2045	ALT1	EB	AM	Ramp	0.30	0.44	3.90	0.58	2356	1568	0.0231	0.0214	0.0097	0.0004	0.0069	0.0170	0.0020	0.0017	0.0003	0.0035	0.0782
130	2045	ALT1	EB	AM	Ramp	0.03	0.04	0.80	0.11	298	201	0.0022	0.0021	0.0008	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0009	0.0043
131	2045	ALT1	EB	AM	Ramp	0.31	0.46	5.14	0.69	2742	1820	0.0243	0.0225	0.0103	0.0005	0.0059	0.0154	0.0021	0.0018	0.0003	0.0039	0.0627
132	2045	ALT1	EB	AM	Ramp	0.02	0.02	0.54	0.08	203	138	0.0016	0.0015	0.0006	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0007	0.0033
133	2045	ALT1	EB	AM	Ramp	0.22	0.33	4.36	0.54	2136	1411	0.0175	0.0162	0.0074	0.0004	0.0033	0.0093	0.0016	0.0013	0.0002	0.0027	0.0319
134	2045	ALT1	EB	AM	Ramp	0.21	0.30	6.60	0.90	2458	1655	0.0181	0.0168	0.0068	0.0003	0.0035	0.0093	0.0015	0.0010	0.0002	0.0069	0.0339
135	2045	ALT1	EB	AM	Ramp	0.22	0.32	3.67	0.54	1912	1281	0.0172	0.0159	0.0071	0.0003	0.0050	0.0123	0.0015	0.0012	0.0002	0.0038	0.0555
136	2045	ALT1	EB	AM	Ramp	0.01	0.01	0.18	0.03	80	54	0.0007	0.0006	0.0003	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0002	0.0014
137	2045	ALT1	EB	AM	Ramp	0.87	1.15	18.45	4.97	8828	6462	0.1093	0.1008	0.0253	0.0009	0.0332	0.0730	0.0046	0.0029	0.0007	0.0774	0.4152
138	2045	ALT1	EB	AM	Ramp																	
139	2045	ALT1	EB	AM	Ramp	0.04	0.05	0.81	0.11	362	241	0.0029	0.0027	0.0011	0.0001	0.0005	0.0015	0.0002	0.0002	0.0000	0.0007	0.0053
140	2045	ALT1	EB	AM	Ramp	0.16	0.24	2.71	0.36	1427	947	0.0125	0.0116	0.0053	0.0003	0.0030	0.0078	0.0011	0.0009	0.0001	0.0020	0.0311
141	2045	ALT1	EB	AM	Ramp	0.01	0.01	0.35	0.04	125	83	0.0008	0.0007	0.0003	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0002	0.0010
142	2045	ALT1	EB	AM	Ramp	0.04	0.06	1.30	0.16	489	324	0.0033	0.0031	0.0014	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0043
143	2045	ALT1	EB	AM	Ramp	0.03	0.04	1.06	0.12	376	248	0.0023	0.0022	0.0010	0.0001	0.0003	0.0011	0.0002	0.0002	0.0000	0.0005	0.0026
144	2045	ALT1	EB	AM	HOV	0.06	0.08	1.84	0.21	644	419	0.0028	0.0026	0.0019	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0002	0.0005
145	2045	ALT1	EB	AM	HOV	0.16	0.21	4.86	0.54	1700	1105	0.0073	0.0067	0.0050	0.0003	0.0010	0.0039	0.0011	0.0006	0.0001	0.0007	0.0014
146	2045	ALT1	EB	AM	HOV	0.01	0.01	0.21	0.02	74	48	0.0003	0.0003	0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
147	2045	ALT1	EB	AM	HOV	0.13	0.17	4.11	0.46	1438	935	0.0061	0.0057	0.0042	0.0002	0.0008	0.0033	0.0010	0.0005	0.0001	0.0005	0.0012
148	2045	ALT1	EB	AM	HOV	0.05	0.06	1.49	0.17	523	340	0.0022	0.0021	0.0015	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
149	2045	ALT1	EB	AM	HOV	0.08	0.11	2.70	0.30	929	604	0.0040	0.0037	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0008
150	2045	ALT1	EB	AM	HOV	0.12	0.16	3.76	0.41	1295	842	0.0055	0.0051	0.0038	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0011
151	2045	ALT1	EB	AM	HOV	0.16	0.21	5.08	0.56	1749	1137	0.0075	0.0069	0.0051	0.0003	0.0010	0.0039	0.0012	0.0006	0.0001	0.0007	0.0015
152	2045	ALT1	EB	AM	HOV	0.12	0.17	4.03	0.44	1387	902	0.0059	0.0055	0.0040	0.0002	0.0008	0.0031	0.0009	0.0005	0.0001	0.0005	0.0012
153	2045	ALT1	EB	AM	HOV	0.05	0.07	1.57	0.18	554	361	0.0024	0.0022	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
154	2045	ALT1	EB	AM	HOV	0.10	0.13	2.99	0.34	1060	689	0.0045	0.0042	0.0032	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0009
155	2045	ALT1	EB	AM	HOV	0.07	0.10	2.22	0.25	788	512	0.0034	0.0031	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0007
156	2045	ALT1	EB	AM	HOV	0.06	0.08	1.75	0.20	620	403	0.0026	0.0025	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
157	2045	ALT1	EB	AM	HOV	0.10	0.13	3.08	0.35	1091	709	0.0047	0.0043	0.0033	0.0002	0.0006	0.0025	0.0007	0.0004	0.0001	0.0004	0.0009
158	2045	ALT1	EB	AM	HOV	0.12	0.15	3.55	0.40	1257	817	0.0054	0.0050	0.0038	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0011
159	2045	ALT1	EB	AM	HOV	0.07	0.10	2.75	0.28	891	579	0.0041	0.0038	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0009
160	2045	ALT1	EB	AM	HOV	0.14	0.19	5.13	0.52	1660	1079	0.0077	0.0071	0.0045	0.0002	0.0009	0.0034	0.0010	0.0006	0.0001	0.0005	0.0017
161	2045	ALT1	EB	AM	HOV																	
162	2045	ALT1	EB	AM	HOV																	
163	2045	ALT1	EB	AM	HOV																	
164	2045	ALT1	EB	AM	HOV																	
165	2045	ALT1	EB	AM	HOV																	
166	2045	ALT1	EB	AM	HOV																	
167	2045	ALT1	EB	AM	HOV																	
168	2045	ALT1	EB	AM	HOV																	
169	2045	ALT1	EB	AM	HOV																	
170	2045	ALT1	EB	AM	HOV																	
171	2045	ALT1	EB	AM	HOV																	
172	2045	ALT1	EB	AM	HOV																	
173	2045	ALT1	EB	AM	HOV																	
174	2045	ALT1	EB	AM	HOV																	
175	2045	ALT1	EB	AM	HOV																	
176	2045	ALT1	EB	AM	HOV																	
177	2045	ALT1	EB	AM	HOV																	
178	2045	ALT1	EB	AM	HOV																	
179	2045	ALT1	EB	AM	HOV																	
180	2045	ALT1	EB	AM	HOV																	
181	2045	ALT1	EB	AM	HOV																	
182	2045	ALT1	EB	AM	HOV																	
183	2045	ALT1	EB	AM	HOV																	
184	2045	ALT1	EB	AM	HOV																	
185	2045	ALT1	EB	AM	HOV																	
186	2045	ALT1	EB	AM	HOV																	
187	2045	ALT1	EB	AM	HOV																	
188	2045	ALT1	EB	AM	HOV																	
189	2045	ALT1	EB	AM	HOV																	
190	2045	ALT1	EB	AM	HOV																	
191	2045	ALT1	EB	AM	HOV																	
192	2045	ALT1	EB	AM	HOV																	
193	2045	ALT1	EB	AM	HOV																	
194	2045	ALT1	EB	AM	HOV																	
195	2045	ALT1	EB	AM	HOV																	
196	2045	ALT1	EB	AM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
197	2045	ALT1	EB	AM	HOV																	
198	2045	ALT1	EB	AM	HOV																	
199	2045	ALT1	EB	AM	HOV																	
200	2045	ALT1	EB	AM	HOV																	
201	2045	ALT1	EB	AM	HOV																	
202	2045	ALT1	EB	AM	HOV																	
203	2045	ALT1	EB	AM	HOV																	
204	2045	ALT1	EB	AM	HOV																	
205	2045	ALT1	EB	AM	HOV																	
206	2045	ALT1	EB	AM	HOV																	
207	2045	ALT1	EB	AM	HOV																	
208	2045	ALT1	EB	AM	HOV																	
209	2045	ALT1	EB	AM	HOV																	
210	2045	ALT1	EB	AM	HOV																	
211	2045	ALT1	EB	AM	HOV																	
212	2045	ALT1	EB	AM	HOV																	
213	2045	ALT1	EB	AM	HOV																	
214	2045	ALT1	EB	AM	HOV																	
215	2045	ALT1	EB	AM	HOV																	
1	2045	ALT1	EB	MD	Mainline	1.08	1.38	25.36	6.63	11951	8693	0.2099	0.1933	0.0322	0.0014	0.0289	0.0675	0.0065	0.0031	0.0012	0.1779	0.3317
2	2045	ALT1	EB	MD	Mainline	2.76	3.49	62.19	16.88	30048	21926	0.5584	0.5143	0.0818	0.0035	0.0734	0.1712	0.0166	0.0076	0.0030	0.4790	0.8395
3	2045	ALT1	EB	MD	Mainline	0.13	0.17	2.89	0.77	1406	1021	0.0263	0.0242	0.0039	0.0002	0.0033	0.0077	0.0008	0.0004	0.0001	0.0225	0.0364
4	2045	ALT1	EB	MD	Mainline	2.30	2.91	51.25	14.18	25021	18298	0.4766	0.4389	0.0682	0.0029	0.0618	0.1438	0.0138	0.0063	0.0026	0.4111	0.7083
5	2045	ALT1	EB	MD	Mainline	0.94	1.19	20.56	5.47	9991	7249	0.1860	0.1714	0.0280	0.0012	0.0230	0.0546	0.0058	0.0026	0.0010	0.1590	0.2568
6	2045	ALT1	EB	MD	Mainline	1.39	1.76	30.60	8.51	15045	11000	0.2908	0.2678	0.0413	0.0018	0.0368	0.0860	0.0084	0.0038	0.0016	0.2514	0.4201
7	2045	ALT1	EB	MD	Mainline	2.02	2.57	47.21	12.43	22314	16245	0.3947	0.3636	0.0600	0.0026	0.0544	0.1266	0.0121	0.0057	0.0022	0.3352	0.6239
8	2045	ALT1	EB	MD	Mainline	2.58	3.26	57.16	15.95	28036	20524	0.5399	0.4972	0.0764	0.0033	0.0696	0.1618	0.0154	0.0070	0.0029	0.4669	0.7987
9	2045	ALT1	EB	MD	Mainline	2.14	2.72	49.15	13.14	23475	17113	0.4253	0.3917	0.0635	0.0027	0.0574	0.1337	0.0128	0.0060	0.0023	0.3630	0.6582
10	2045	ALT1	EB	MD	Mainline	0.66	0.83	14.25	4.09	7108	5217	0.1422	0.1310	0.0194	0.0008	0.0178	0.0414	0.0039	0.0018	0.0008	0.1240	0.2044
11	2045	ALT1	EB	MD	Mainline	1.36	1.72	30.93	8.27	14815	10792	0.2697	0.2484	0.0403	0.0017	0.0359	0.0838	0.0082	0.0038	0.0015	0.2303	0.4099
12	2045	ALT1	EB	MD	Mainline	0.94	1.19	20.79	5.70	10168	7418	0.1938	0.1785	0.0280	0.0012	0.0245	0.0575	0.0057	0.0026	0.0010	0.1670	0.2785
13	2045	ALT1	EB	MD	Mainline	0.91	1.15	19.15	4.95	9363	6749	0.1734	0.1597	0.0272	0.0012	0.0203	0.0492	0.0057	0.0025	0.0010	0.1474	0.2201
14	2045	ALT1	EB	MD	Mainline	1.38	1.74	29.61	7.56	14334	10323	0.2598	0.2393	0.0413	0.0019	0.0310	0.0750	0.0086	0.0038	0.0014	0.2199	0.3366
15	2045	ALT1	EB	MD	Mainline	1.74	2.22	39.98	9.85	18686	13432	0.3149	0.2902	0.0523	0.0023	0.0408	0.0978	0.0108	0.0050	0.0018	0.2625	0.4484
16	2045	ALT1	EB	MD	Mainline	0.99	1.26	22.64	5.70	10682	7702	0.1849	0.1703	0.0298	0.0013	0.0238	0.0568	0.0062	0.0028	0.0010	0.1553	0.2639
17	2045	ALT1	EB	MD	Mainline	1.62	2.06	37.93	9.55	17674	12775	0.3001	0.2764	0.0483	0.0021	0.0407	0.0961	0.0099	0.0046	0.0017	0.2515	0.4588
18	2045	ALT1	EB	MD	Mainline	1.49	1.92	38.05	8.17	16451	11653	0.2282	0.2103	0.0452	0.0021	0.0329	0.0802	0.0094	0.0046	0.0014	0.1792	0.3558
19	2045	ALT1	EB	MD	Mainline	1.18	1.52	28.38	6.19	12639	8934	0.1833	0.1689	0.0360	0.0017	0.0242	0.0601	0.0076	0.0035	0.0011	0.1455	0.2542
20	2045	ALT1	EB	MD	Mainline	2.42	3.11	59.07	12.89	26137	18497	0.3767	0.3471	0.0737	0.0034	0.0509	0.1255	0.0155	0.0073	0.0023	0.2988	0.5396
21	2045	ALT1	EB	MD	Mainline	0.27	0.35	6.40	1.39	2869	2025	0.0418	0.0385	0.0083	0.0004	0.0054	0.0135	0.0018	0.0008	0.0002	0.0332	0.0559
22	2045	ALT1	EB	MD	Mainline	1.04	1.33	24.34	5.12	10831	7603	0.1515	0.1396	0.0317	0.0015	0.0194	0.0492	0.0068	0.0031	0.0009	0.1183	0.1954
23	2045	ALT1	EB	MD	Mainline	1.06	1.36	25.27	5.32	11197	7867	0.1563	0.1440	0.0325	0.0015	0.0203	0.0512	0.0069	0.0032	0.0009	0.1221	0.2062
24	2045	ALT1	EB	MD	Mainline	0.97	1.25	22.74	4.70	10101	7070	0.1386	0.1277	0.0298	0.0014	0.0176	0.0450	0.0064	0.0029	0.0008	0.1073	0.1741
25	2045	ALT1	EB	MD	Mainline	0.62	0.80	15.04	3.08	6560	4595	0.0877	0.0808	0.0190	0.0009	0.0116	0.0294	0.0041	0.0019	0.0005	0.0674	0.1171
26	2045	ALT1	EB	MD	Mainline	5.53	7.10	130.76	25.94	57265	39858	0.7419	0.6840	0.1703	0.0082	0.0948	0.2465	0.0368	0.0166	0.0046	0.5612	0.9155
27	2045	ALT1	EB	MD	Mainline	4.43	5.67	99.90	19.92	44636	31044	0.5934	0.5470	0.1364	0.0066	0.0730	0.1918	0.0296	0.0130	0.0037	0.4520	0.6891
28	2045	ALT1	EB	MD	Mainline	2.45	3.14	56.17	11.04	24860	17261	0.3219	0.2968	0.0756	0.0037	0.0400	0.1055	0.0164	0.0073	0.0020	0.2428	0.3764
29	2045	ALT1	EB	MD	Mainline	1.67	2.13	37.39	7.29	16650	11543	0.2152	0.1984	0.0514	0.0025	0.0264	0.0702	0.0112	0.0049	0.0014	0.1619	0.2443

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
30	2045	ALT1	EB	MD	Mainline	2.84	3.64	63.28	12.23	28227	19545	0.3623	0.3340	0.0878	0.0043	0.0443	0.1183	0.0192	0.0083	0.0023	0.2715	0.4043
31	2045	ALT1	EB	MD	Mainline	2.08	2.66	46.77	9.02	20772	14380	0.2646	0.2439	0.0643	0.0032	0.0325	0.0869	0.0140	0.0061	0.0017	0.1978	0.2980
32	2045	ALT1	EB	MD	Mainline	2.21	2.83	51.33	10.07	22587	15681	0.2897	0.2671	0.0682	0.0033	0.0364	0.0956	0.0148	0.0066	0.0018	0.2179	0.3433
33	2045	ALT1	EB	MD	Mainline	2.02	2.59	47.69	9.23	20768	14401	0.2599	0.2397	0.0623	0.0030	0.0332	0.0873	0.0135	0.0061	0.0016	0.1936	0.3130
34	2045	ALT1	EB	MD	Mainline	2.36	3.03	56.83	11.20	24666	17170	0.3153	0.2907	0.0726	0.0035	0.0411	0.1063	0.0157	0.0072	0.0020	0.2374	0.3998
35	2045	ALT1	EB	MD	Mainline	1.30	1.67	30.57	5.89	13334	9237	0.1661	0.1531	0.0402	0.0020	0.0210	0.0556	0.0087	0.0039	0.0011	0.1233	0.1968
36	2045	ALT1	EB	MD	Mainline	1.56	2.00	36.63	7.05	15975	11066	0.1990	0.1835	0.0482	0.0024	0.0252	0.0667	0.0105	0.0047	0.0013	0.1478	0.2358
37	2045	ALT1	EB	MD	Mainline	2.10	2.70	49.33	9.50	21516	14904	0.2680	0.2471	0.0649	0.0032	0.0340	0.0898	0.0141	0.0063	0.0017	0.1990	0.3176
38	2045	ALT1	EB	MD	Mainline	3.04	3.91	72.92	13.93	31483	21806	0.3858	0.3557	0.0939	0.0046	0.0498	0.1313	0.0204	0.0093	0.0025	0.2848	0.4699
39	2045	ALT1	EB	MD	Mainline	3.17	4.06	73.13	13.89	32019	22127	0.3937	0.3631	0.0980	0.0048	0.0493	0.1319	0.0214	0.0095	0.0025	0.2902	0.4507
40	2045	ALT1	EB	MD	Mainline	2.15	2.75	48.28	9.22	21390	14787	0.2684	0.2475	0.0664	0.0033	0.0331	0.0887	0.0145	0.0063	0.0017	0.1993	0.2998
41	2045	ALT1	EB	MD	Mainline	0.80	1.02	18.39	3.47	8034	5547	0.0979	0.0903	0.0246	0.0012	0.0123	0.0329	0.0054	0.0024	0.0006	0.0719	0.1117
42	2045	ALT1	EB	MD	Mainline	2.36	3.04	56.70	10.81	24466	16942	0.2990	0.2757	0.0730	0.0036	0.0386	0.1019	0.0158	0.0072	0.0019	0.2205	0.3638
43	2045	ALT1	EB	MD	Mainline	1.04	1.33	23.98	4.51	10470	7227	0.1271	0.1172	0.0321	0.0016	0.0159	0.0428	0.0070	0.0031	0.0008	0.0931	0.1446
44	2045	ALT1	EB	MD	Mainline	1.64	2.10	37.91	7.14	16556	11427	0.2010	0.1853	0.0508	0.0025	0.0252	0.0677	0.0111	0.0049	0.0013	0.1472	0.2287
45	2045	ALT1	EB	MD	Mainline	0.70	0.89	15.96	3.02	7001	4834	0.0858	0.0791	0.0216	0.0011	0.0107	0.0287	0.0047	0.0021	0.0006	0.0631	0.0970
46	2045	ALT1	EB	MD	Mainline	1.84	2.37	43.77	8.33	18950	13111	0.2314	0.2134	0.0569	0.0028	0.0296	0.0785	0.0124	0.0056	0.0015	0.1704	0.2763
47	2045	ALT1	EB	MD	Mainline	0.11	0.14	2.46	0.46	1078	744	0.0131	0.0121	0.0033	0.0002	0.0016	0.0044	0.0007	0.0003	0.0001	0.0096	0.0147
48	2045	ALT1	EB	MD	Mainline	2.22	2.85	50.18	9.52	22162	15308	0.2750	0.2536	0.0688	0.0034	0.0340	0.0913	0.0150	0.0066	0.0018	0.2032	0.3068
49	2045	ALT1	EB	MD	Mainline	0.18	0.23	4.14	0.78	1804	1245	0.0219	0.0202	0.0055	0.0003	0.0028	0.0074	0.0012	0.0005	0.0001	0.0161	0.0251
50	2045	ALT1	EB	MD	Mainline	2.91	3.74	68.70	13.00	29785	20583	0.3612	0.3330	0.0900	0.0044	0.0459	0.1224	0.0196	0.0088	0.0023	0.2649	0.4238
51	2045	ALT1	EB	MD	Mainline	0.47	0.61	11.56	2.18	4924	3407	0.0587	0.0541	0.0145	0.0007	0.0078	0.0204	0.0031	0.0015	0.0004	0.0429	0.0735
52	2045	ALT1	EB	MD	Mainline	0.68	0.88	17.24	3.24	7248	5022	0.0854	0.0788	0.0210	0.0010	0.0116	0.0303	0.0045	0.0021	0.0006	0.0622	0.1125
53	2045	ALT1	EB	MD	Mainline	0.50	0.65	13.16	2.51	5478	3813	0.0655	0.0604	0.0154	0.0007	0.0093	0.0237	0.0033	0.0016	0.0004	0.0481	0.0936
54	2045	ALT1	EB	MD	Mainline	2.59	3.38	73.21	13.64	29320	20458	0.3327	0.3068	0.0795	0.0037	0.0528	0.1315	0.0167	0.0085	0.0022	0.2397	0.5562
55	2045	ALT1	EB	MD	Mainline	1.29	1.67	33.55	6.41	14020	9754	0.1681	0.1550	0.0397	0.0019	0.0236	0.0603	0.0085	0.0041	0.0011	0.1237	0.2357
56	2045	ALT1	EB	MD	Mainline	1.63	2.12	44.51	8.46	18170	12683	0.2135	0.1969	0.0500	0.0023	0.0324	0.0811	0.0106	0.0052	0.0014	0.1562	0.3373
57	2045	ALT1	EB	MD	Mainline	1.03	1.33	23.89	4.65	10512	7289	0.1336	0.1231	0.0319	0.0016	0.0167	0.0442	0.0069	0.0031	0.0008	0.0999	0.1562
58	2045	ALT1	EB	MD	Mainline	3.42	4.40	81.26	15.94	35437	24629	0.4517	0.4164	0.1055	0.0051	0.0579	0.1511	0.0228	0.0103	0.0028	0.3393	0.5552
59	2045	ALT1	EB	MD	Mainline	0.90	1.16	20.73	3.99	9118	6312	0.1144	0.1055	0.0278	0.0014	0.0143	0.0380	0.0061	0.0027	0.0007	0.0851	0.1320
60	2045	ALT1	EB	MD	Mainline	3.62	4.66	85.98	16.70	37419	25968	0.4705	0.4338	0.1118	0.0054	0.0603	0.1580	0.0242	0.0110	0.0030	0.3513	0.5725
61	2045	ALT1	EB	MD	Mainline	0.84	1.08	19.09	3.66	8425	5828	0.1057	0.0975	0.0260	0.0013	0.0131	0.0350	0.0057	0.0025	0.0007	0.0785	0.1199
62	2045	ALT1	EB	MD	Mainline	1.75	2.23	38.76	7.57	17353	12032	0.2263	0.2086	0.0539	0.0026	0.0276	0.0734	0.0117	0.0051	0.0014	0.1708	0.2537
63	2045	ALT1	EB	MD	Mainline	0.67	0.86	15.02	3.04	6755	4706	0.0918	0.0847	0.0207	0.0010	0.0112	0.0294	0.0045	0.0020	0.0006	0.0706	0.1066
64	2045	ALT1	EB	MD	Mainline	2.07	2.65	47.17	9.73	21163	14792	0.2927	0.2698	0.0636	0.0031	0.0362	0.0936	0.0137	0.0061	0.0018	0.2269	0.3529
65	2045	ALT1	EB	MD	Mainline	0.67	0.86	15.56	3.14	6887	4800	0.0916	0.0844	0.0206	0.0010	0.0115	0.0299	0.0044	0.0020	0.0006	0.0700	0.1112
66	2045	ALT1	EB	MD	Mainline	0.23	0.29	5.17	1.22	2398	1711	0.0389	0.0359	0.0069	0.0003	0.0049	0.0120	0.0014	0.0007	0.0002	0.0320	0.0522
67	2045	ALT1	EB	MD	Mainline	1.68	2.13	38.40	9.52	18000	12951	0.3059	0.2818	0.0504	0.0023	0.0395	0.0947	0.0104	0.0048	0.0017	0.2556	0.4357
68	2045	ALT1	EB	MD	Mainline	1.26	1.61	28.03	6.85	13254	9491	0.2258	0.2080	0.0381	0.0017	0.0276	0.0673	0.0080	0.0036	0.0013	0.1880	0.2964
69	2045	ALT1	EB	MD	Mainline	2.97	3.77	66.32	17.01	31676	22874	0.5638	0.5194	0.0889	0.0040	0.0709	0.1692	0.0184	0.0083	0.0031	0.4765	0.7841
70	2045	ALT1	EB	MD	Mainline	1.94	2.46	40.62	10.22	19796	14208	0.3593	0.3310	0.0586	0.0027	0.0416	0.1017	0.0123	0.0053	0.0020	0.3033	0.4417
71	2045	ALT1	EB	MD	Mainline	2.01	2.51	39.45	12.76	21164	15743	0.5021	0.4623	0.0590	0.0025	0.0558	0.1289	0.0119	0.0051	0.0026	0.4507	0.6450
72	2045	ALT1	EB	MD	Mainline	2.06	2.58	40.63	12.11	21217	15585	0.4693	0.4322	0.0611	0.0027	0.0516	0.1217	0.0125	0.0053	0.0025	0.4147	0.5790
73	2045	ALT1	EB	MD	Ramp	0.10	0.14	2.20	0.33	988	669	0.0085	0.0079	0.0031	0.0001	0.0019	0.0048	0.0006	0.0005	0.0001	0.0029	0.0199
74	2045	ALT1	EB	MD	Ramp	0.07	0.11	1.36	0.24	669	459	0.0063	0.0058	0.0023	0.0001	0.0021	0.0048	0.0005	0.0004	0.0001	0.0024	0.0243
75	2045	ALT1	EB	MD	Ramp	0.09	0.14	1.87	0.29	892	603	0.0078	0.0073	0.0030	0.0001	0.0021	0.0052	0.0006	0.0005	0.0001	0.0024	0.0234
76	2045	ALT1	EB	MD	Ramp	0.16	0.23	2.82	0.41	1428	957	0.0126	0.0117	0.0052	0.0002	0.0035	0.0086	0.0011	0.0009	0.0001	0.0029	0.0382
77	2045	ALT1	EB	MD	Ramp	0.10	0.14	2.10	0.30	963	647	0.0081	0.0075	0.0031	0.0001	0.0018	0.0047	0.0007	0.0005	0.0001	0.0023	0.0192

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
78	2045	ALT1	EB	MD	Ramp	0.16	0.23	2.27	0.38	1256	849	0.0120	0.0111	0.0050	0.0002	0.0044	0.0104	0.0010	0.0008	0.0001	0.0030	0.0523
79	2045	ALT1	EB	MD	Ramp	0.20	0.29	2.96	0.47	1616	1088	0.0152	0.0141	0.0064	0.0003	0.0052	0.0124	0.0013	0.0010	0.0002	0.0035	0.0605
80	2045	ALT1	EB	MD	Ramp	0.26	0.38	4.74	0.73	2361	1592	0.0210	0.0195	0.0084	0.0004	0.0061	0.0150	0.0017	0.0014	0.0002	0.0057	0.0692
81	2045	ALT1	EB	MD	Ramp	0.19	0.26	4.98	0.84	2051	1414	0.0183	0.0169	0.0059	0.0003	0.0043	0.0105	0.0012	0.0008	0.0002	0.0089	0.0479
82	2045	ALT1	EB	MD	Ramp	0.20	0.30	4.41	0.62	2029	1360	0.0169	0.0156	0.0066	0.0003	0.0037	0.0097	0.0014	0.0011	0.0002	0.0045	0.0388
83	2045	ALT1	EB	MD	Ramp	0.05	0.07	1.29	0.26	554	390	0.0056	0.0052	0.0016	0.0001	0.0015	0.0034	0.0003	0.0002	0.0000	0.0033	0.0175
84	2045	ALT1	EB	MD	Ramp	0.07	0.10	2.21	0.30	836	561	0.0061	0.0057	0.0023	0.0001	0.0011	0.0031	0.0005	0.0004	0.0001	0.0022	0.0110
85	2045	ALT1	EB	MD	Ramp	0.17	0.22	3.90	1.05	1800	1325	0.0231	0.0213	0.0049	0.0002	0.0066	0.0145	0.0009	0.0005	0.0001	0.0173	0.0831
86	2045	ALT1	EB	MD	Ramp	0.25	0.35	5.65	1.06	2605	1807	0.0254	0.0235	0.0079	0.0004	0.0062	0.0150	0.0016	0.0012	0.0002	0.0121	0.0712
87	2045	ALT1	EB	MD	Ramp	0.08	0.11	1.52	0.29	744	515	0.0073	0.0067	0.0025	0.0001	0.0024	0.0056	0.0005	0.0004	0.0001	0.0031	0.0289
88	2045	ALT1	EB	MD	Ramp	0.08	0.11	1.86	0.41	837	596	0.0090	0.0083	0.0024	0.0001	0.0025	0.0058	0.0005	0.0003	0.0001	0.0056	0.0307
89	2045	ALT1	EB	MD	Ramp	0.04	0.06	0.78	0.13	372	254	0.0034	0.0032	0.0012	0.0001	0.0010	0.0024	0.0003	0.0002	0.0000	0.0013	0.0115
90	2045	ALT1	EB	MD	Ramp	0.12	0.17	2.03	0.44	1032	725	0.0108	0.0100	0.0036	0.0001	0.0042	0.0094	0.0007	0.0005	0.0001	0.0053	0.0514
91	2045	ALT1	EB	MD	Ramp	0.17	0.24	3.88	0.76	1786	1246	0.0178	0.0165	0.0054	0.0002	0.0045	0.0108	0.0011	0.0008	0.0001	0.0091	0.0528
92	2045	ALT1	EB	MD	Ramp	0.21	0.29	2.95	0.57	1601	1101	0.0160	0.0148	0.0064	0.0003	0.0070	0.0159	0.0012	0.0009	0.0002	0.0055	0.0864
93	2045	ALT1	EB	MD	Ramp	1.28	1.70	31.24	7.32	13709	9893	0.1580	0.1458	0.0378	0.0015	0.0439	0.0983	0.0072	0.0044	0.0011	0.1094	0.5383
94	2045	ALT1	EB	MD	Ramp	0.55	0.76	12.80	2.41	5731	3986	0.0557	0.0514	0.0170	0.0007	0.0139	0.0332	0.0034	0.0025	0.0005	0.0280	0.1599
95	2045	ALT1	EB	MD	Ramp	0.31	0.44	4.48	0.85	2417	1659	0.0239	0.0221	0.0096	0.0004	0.0103	0.0233	0.0018	0.0014	0.0002	0.0081	0.1252
96	2045	ALT1	EB	MD	Ramp	0.11	0.15	3.52	0.53	1289	880	0.0104	0.0096	0.0035	0.0002	0.0021	0.0054	0.0007	0.0005	0.0001	0.0052	0.0223
97	2045	ALT1	EB	MD	Ramp	0.07	0.09	1.30	0.46	694	528	0.0102	0.0094	0.0020	0.0001	0.0033	0.0071	0.0003	0.0002	0.0001	0.0082	0.0428
98	2045	ALT1	EB	MD	Ramp	0.08	0.10	1.90	0.41	823	587	0.0089	0.0082	0.0023	0.0001	0.0024	0.0055	0.0004	0.0003	0.0001	0.0057	0.0293
99	2045	ALT1	EB	MD	Ramp	0.15	0.20	3.91	0.78	1643	1160	0.0168	0.0155	0.0046	0.0002	0.0044	0.0101	0.0009	0.0006	0.0001	0.0103	0.0519
100	2045	ALT1	EB	MD	Ramp	0.17	0.23	4.60	0.78	1844	1273	0.0164	0.0152	0.0052	0.0002	0.0038	0.0094	0.0011	0.0007	0.0001	0.0084	0.0431
101	2045	ALT1	EB	MD	Ramp	0.08	0.11	2.22	0.44	898	636	0.0094	0.0087	0.0024	0.0001	0.0023	0.0054	0.0005	0.0003	0.0001	0.0061	0.0273
102	2045	ALT1	EB	MD	Ramp	0.06	0.09	1.80	0.29	699	480	0.0059	0.0055	0.0019	0.0001	0.0013	0.0033	0.0004	0.0003	0.0001	0.0029	0.0146
103	2045	ALT1	EB	MD	Ramp	0.03	0.05	1.10	0.16	402	274	0.0031	0.0029	0.0011	0.0001	0.0006	0.0016	0.0002	0.0001	0.0000	0.0015	0.0066
104	2045	ALT1	EB	MD	Ramp	0.11	0.16	2.57	0.36	1142	767	0.0094	0.0087	0.0036	0.0002	0.0019	0.0050	0.0008	0.0006	0.0001	0.0027	0.0190
105	2045	ALT1	EB	MD	Ramp	0.07	0.10	1.98	0.28	782	529	0.0061	0.0057	0.0022	0.0001	0.0012	0.0032	0.0005	0.0003	0.0001	0.0023	0.0125
106	2045	ALT1	EB	MD	Ramp	0.03	0.04	0.48	0.06	244	162	0.0021	0.0019	0.0009	0.0000	0.0005	0.0012	0.0002	0.0002	0.0000	0.0003	0.0048
107	2045	ALT1	EB	MD	Ramp	0.14	0.20	3.34	0.56	1474	1011	0.0134	0.0124	0.0044	0.0002	0.0030	0.0075	0.0009	0.0007	0.0001	0.0058	0.0332
108	2045	ALT1	EB	MD	Ramp	0.15	0.22	3.21	0.41	1480	983	0.0119	0.0110	0.0049	0.0002	0.0023	0.0063	0.0010	0.0008	0.0001	0.0024	0.0222
109	2045	ALT1	EB	MD	Ramp	0.11	0.15	3.00	0.47	1218	833	0.0103	0.0096	0.0035	0.0002	0.0023	0.0057	0.0007	0.0005	0.0001	0.0046	0.0248
110	2045	ALT1	EB	MD	Ramp	0.14	0.20	3.19	0.47	1424	961	0.0120	0.0111	0.0044	0.0002	0.0025	0.0066	0.0009	0.0007	0.0001	0.0039	0.0265
111	2045	ALT1	EB	MD	Ramp	0.05	0.06	1.41	0.22	528	361	0.0044	0.0040	0.0014	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0022	0.0100
112	2045	ALT1	EB	MD	Ramp	0.20	0.29	4.40	0.65	2003	1350	0.0170	0.0157	0.0064	0.0003	0.0039	0.0099	0.0013	0.0010	0.0002	0.0052	0.0410
113	2045	ALT1	EB	MD	Ramp	0.08	0.12	2.26	0.30	912	611	0.0069	0.0064	0.0027	0.0001	0.0012	0.0034	0.0006	0.0004	0.0001	0.0021	0.0117
114	2045	ALT1	EB	MD	Ramp	0.13	0.20	3.00	0.38	1366	908	0.0109	0.0101	0.0044	0.0002	0.0021	0.0057	0.0010	0.0008	0.0001	0.0023	0.0198
115	2045	ALT1	EB	MD	Ramp																	
116	2045	ALT1	EB	MD	Ramp	0.05	0.07	1.13	0.14	490	325	0.0037	0.0035	0.0015	0.0001	0.0006	0.0018	0.0003	0.0003	0.0000	0.0008	0.0054
117	2045	ALT1	EB	MD	Ramp	0.07	0.09	1.77	0.27	732	498	0.0061	0.0057	0.0021	0.0001	0.0013	0.0033	0.0004	0.0003	0.0001	0.0025	0.0137
118	2045	ALT1	EB	MD	Ramp	0.06	0.09	1.58	0.19	674	447	0.0051	0.0047	0.0021	0.0001	0.0008	0.0023	0.0004	0.0004	0.0001	0.0011	0.0068
119	2045	ALT1	EB	MD	Ramp	0.11	0.16	3.02	0.41	1216	815	0.0093	0.0086	0.0035	0.0002	0.0017	0.0046	0.0008	0.0006	0.0001	0.0029	0.0160
120	2045	ALT1	EB	MD	Ramp	0.06	0.08	1.42	0.18	613	408	0.0047	0.0044	0.0019	0.0001	0.0008	0.0023	0.0004	0.0003	0.0000	0.0011	0.0072
121	2045	ALT1	EB	MD	Ramp	0.11	0.15	3.36	0.56	1275	882	0.0114	0.0105	0.0034	0.0002	0.0025	0.0062	0.0007	0.0004	0.0001	0.0065	0.0281
122	2045	ALT1	EB	MD	Ramp	1.44	1.99	38.43	6.54	15773	10889	0.1417	0.1309	0.0449	0.0020	0.0335	0.0816	0.0092	0.0064	0.0012	0.0706	0.3762
123	2045	ALT1	EB	MD	Ramp	1.01	1.38	27.79	4.78	11181	7740	0.1012	0.0934	0.0313	0.0014	0.0240	0.0581	0.0064	0.0043	0.0008	0.0532	0.2712
124	2045	ALT1	EB	MD	Ramp	0.18	0.27	2.20	0.31	1411	934	0.0142	0.0132	0.0059	0.0003	0.0037	0.0095	0.0012	0.0011	0.0002	0.0016	0.0409
125	2045	ALT1	EB	MD	Ramp	0.15	0.22	2.99	0.50	1435	978	0.0131	0.0121	0.0049	0.0002	0.0038	0.0092	0.0010	0.0008	0.0001	0.0046	0.0438

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
126	2045	ALT1	EB	MD	Ramp	0.06	0.09	1.21	0.18	575	387	0.0050	0.0046	0.0019	0.0001	0.0013	0.0032	0.0004	0.0003	0.0001	0.0014	0.0141
127	2045	ALT1	EB	MD	Ramp	0.34	0.49	4.81	0.78	2683	1806	0.0255	0.0236	0.0108	0.0005	0.0090	0.0215	0.0022	0.0017	0.0003	0.0058	0.1058
128	2045	ALT1	EB	MD	Ramp	0.03	0.04	0.67	0.07	295	193	0.0022	0.0020	0.0009	0.0000	0.0003	0.0009	0.0002	0.0002	0.0000	0.0002	0.0017
129	2045	ALT1	EB	MD	Ramp	0.30	0.43	5.51	0.91	2719	1850	0.0249	0.0230	0.0095	0.0004	0.0078	0.0186	0.0019	0.0015	0.0002	0.0082	0.0903
130	2045	ALT1	EB	MD	Ramp	0.09	0.12	2.66	0.35	988	663	0.0071	0.0066	0.0027	0.0001	0.0013	0.0036	0.0006	0.0004	0.0001	0.0025	0.0122
131	2045	ALT1	EB	MD	Ramp	0.28	0.39	6.59	1.02	2918	1981	0.0253	0.0234	0.0089	0.0004	0.0053	0.0136	0.0019	0.0014	0.0002	0.0093	0.0554
132	2045	ALT1	EB	MD	Ramp	0.08	0.11	2.39	0.30	884	590	0.0061	0.0057	0.0025	0.0001	0.0011	0.0030	0.0005	0.0004	0.0001	0.0019	0.0094
133	2045	ALT1	EB	MD	Ramp	0.31	0.45	7.06	0.96	3178	2125	0.0258	0.0239	0.0102	0.0005	0.0052	0.0140	0.0022	0.0017	0.0003	0.0066	0.0523
134	2045	ALT1	EB	MD	Ramp	0.45	0.63	13.88	1.93	5200	3510	0.0391	0.0362	0.0144	0.0007	0.0077	0.0203	0.0031	0.0021	0.0004	0.0154	0.0764
135	2045	ALT1	EB	MD	Ramp	0.30	0.43	5.88	0.99	2819	1923	0.0258	0.0239	0.0095	0.0004	0.0075	0.0181	0.0019	0.0015	0.0002	0.0093	0.0863
136	2045	ALT1	EB	MD	Ramp	0.04	0.06	0.94	0.12	430	285	0.0034	0.0031	0.0014	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0006	0.0053
137	2045	ALT1	EB	MD	Ramp	1.79	2.31	32.64	11.53	17464	13256	0.2554	0.2353	0.0501	0.0015	0.0838	0.1788	0.0085	0.0049	0.0015	0.2027	1.0795
138	2045	ALT1	EB	MD	Ramp	0.19	0.28	2.26	0.35	1422	948	0.0143	0.0133	0.0060	0.0003	0.0047	0.0113	0.0012	0.0011	0.0002	0.0022	0.0539
139	2045	ALT1	EB	MD	Ramp	0.09	0.14	2.10	0.28	951	635	0.0077	0.0071	0.0031	0.0001	0.0015	0.0042	0.0007	0.0005	0.0001	0.0018	0.0154
140	2045	ALT1	EB	MD	Ramp	0.31	0.45	5.21	0.74	2714	1812	0.0241	0.0223	0.0100	0.0005	0.0065	0.0164	0.0021	0.0017	0.0003	0.0048	0.0714
141	2045	ALT1	EB	MD	Ramp	0.03	0.04	0.91	0.11	330	220	0.0022	0.0021	0.0009	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0007	0.0033
142	2045	ALT1	EB	MD	Ramp	0.12	0.17	3.42	0.39	1354	894	0.0094	0.0087	0.0040	0.0002	0.0013	0.0040	0.0009	0.0007	0.0001	0.0018	0.0095
143	2045	ALT1	EB	MD	Ramp	0.10	0.15	3.50	0.38	1242	817	0.0075	0.0070	0.0034	0.0002	0.0010	0.0033	0.0008	0.0005	0.0001	0.0014	0.0067
144	2045	ALT1	EB	MD	HOV	0.13	0.18	4.36	0.47	1482	964	0.0064	0.0059	0.0042	0.0002	0.0008	0.0033	0.0010	0.0005	0.0001	0.0005	0.0013
145	2045	ALT1	EB	MD	HOV	0.34	0.46	11.52	1.25	3913	2544	0.0168	0.0156	0.0112	0.0006	0.0022	0.0086	0.0026	0.0014	0.0002	0.0014	0.0035
146	2045	ALT1	EB	MD	HOV	0.01	0.02	0.50	0.05	169	110	0.0007	0.0007	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
147	2045	ALT1	EB	MD	HOV	0.29	0.39	9.74	1.06	3309	2151	0.0142	0.0132	0.0095	0.0005	0.0019	0.0073	0.0022	0.0011	0.0002	0.0012	0.0029
148	2045	ALT1	EB	MD	HOV	0.11	0.14	3.54	0.39	1204	783	0.0052	0.0048	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0011
149	2045	ALT1	EB	MD	HOV	0.18	0.25	6.25	0.68	2104	1368	0.0091	0.0085	0.0060	0.0003	0.0012	0.0046	0.0014	0.0007	0.0001	0.0008	0.0019
150	2045	ALT1	EB	MD	HOV	0.26	0.34	8.71	0.94	2933	1907	0.0127	0.0118	0.0083	0.0004	0.0016	0.0064	0.0019	0.0010	0.0001	0.0011	0.0027
151	2045	ALT1	EB	MD	HOV	0.34	0.47	11.76	1.27	3959	2574	0.0172	0.0159	0.0112	0.0006	0.0022	0.0086	0.0026	0.0014	0.0002	0.0014	0.0036
152	2045	ALT1	EB	MD	HOV	0.27	0.37	9.33	1.01	3141	2042	0.0136	0.0126	0.0089	0.0005	0.0017	0.0068	0.0020	0.0011	0.0002	0.0011	0.0028
153	2045	ALT1	EB	MD	HOV	0.11	0.15	3.79	0.41	1290	839	0.0055	0.0051	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0011
154	2045	ALT1	EB	MD	HOV	0.22	0.29	7.25	0.79	2466	1603	0.0106	0.0098	0.0071	0.0004	0.0014	0.0054	0.0016	0.0009	0.0001	0.0009	0.0022
155	2045	ALT1	EB	MD	HOV	0.16	0.22	5.39	0.59	1833	1192	0.0079	0.0073	0.0053	0.0003	0.0010	0.0040	0.0012	0.0006	0.0001	0.0007	0.0016
156	2045	ALT1	EB	MD	HOV	0.13	0.17	4.24	0.46	1442	938	0.0062	0.0057	0.0041	0.0002	0.0008	0.0032	0.0009	0.0005	0.0001	0.0005	0.0013
157	2045	ALT1	EB	MD	HOV	0.22	0.30	7.46	0.81	2537	1650	0.0109	0.0101	0.0073	0.0004	0.0014	0.0056	0.0017	0.0009	0.0001	0.0009	0.0022
158	2045	ALT1	EB	MD	HOV	0.26	0.35	8.60	0.94	2925	1901	0.0126	0.0116	0.0084	0.0004	0.0016	0.0064	0.0019	0.0010	0.0001	0.0011	0.0026
159	2045	ALT1	EB	MD	HOV	0.20	0.29	7.43	0.73	2498	1624	0.0128	0.0119	0.0068	0.0004	0.0013	0.0052	0.0015	0.0011	0.0002	0.0008	0.0027
160	2045	ALT1	EB	MD	HOV	0.38	0.54	13.84	1.36	4656	3026	0.0239	0.0222	0.0127	0.0007	0.0024	0.0097	0.0029	0.0020	0.0003	0.0014	0.0051
161	2045	ALT1	EB	MD	HOV																	
162	2045	ALT1	EB	MD	HOV																	
163	2045	ALT1	EB	MD	HOV																	
164	2045	ALT1	EB	MD	HOV																	
165	2045	ALT1	EB	MD	HOV																	
166	2045	ALT1	EB	MD	HOV																	
167	2045	ALT1	EB	MD	HOV																	
168	2045	ALT1	EB	MD	HOV																	
169	2045	ALT1	EB	MD	HOV																	
170	2045	ALT1	EB	MD	HOV																	
171	2045	ALT1	EB	MD	HOV																	
172	2045	ALT1	EB	MD	HOV																	
173	2045	ALT1	EB	MD	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
174	2045	ALT1	EB	MD	HOV																	
175	2045	ALT1	EB	MD	HOV																	
176	2045	ALT1	EB	MD	HOV																	
177	2045	ALT1	EB	MD	HOV																	
178	2045	ALT1	EB	MD	HOV																	
179	2045	ALT1	EB	MD	HOV																	
180	2045	ALT1	EB	MD	HOV																	
181	2045	ALT1	EB	MD	HOV																	
182	2045	ALT1	EB	MD	HOV																	
183	2045	ALT1	EB	MD	HOV																	
184	2045	ALT1	EB	MD	HOV																	
185	2045	ALT1	EB	MD	HOV																	
186	2045	ALT1	EB	MD	HOV																	
187	2045	ALT1	EB	MD	HOV																	
188	2045	ALT1	EB	MD	HOV																	
189	2045	ALT1	EB	MD	HOV																	
190	2045	ALT1	EB	MD	HOV																	
191	2045	ALT1	EB	MD	HOV																	
192	2045	ALT1	EB	MD	HOV																	
193	2045	ALT1	EB	MD	HOV																	
194	2045	ALT1	EB	MD	HOV																	
195	2045	ALT1	EB	MD	HOV																	
196	2045	ALT1	EB	MD	HOV																	
197	2045	ALT1	EB	MD	HOV																	
198	2045	ALT1	EB	MD	HOV																	
199	2045	ALT1	EB	MD	HOV																	
200	2045	ALT1	EB	MD	HOV																	
201	2045	ALT1	EB	MD	HOV																	
202	2045	ALT1	EB	MD	HOV																	
203	2045	ALT1	EB	MD	HOV																	
204	2045	ALT1	EB	MD	HOV																	
205	2045	ALT1	EB	MD	HOV																	
206	2045	ALT1	EB	MD	HOV																	
207	2045	ALT1	EB	MD	HOV																	
208	2045	ALT1	EB	MD	HOV																	
209	2045	ALT1	EB	MD	HOV																	
210	2045	ALT1	EB	MD	HOV																	
211	2045	ALT1	EB	MD	HOV																	
212	2045	ALT1	EB	MD	HOV																	
213	2045	ALT1	EB	MD	HOV																	
214	2045	ALT1	EB	MD	HOV																	
215	2045	ALT1	EB	MD	HOV																	
1	2045	ALT1	EB	PM	Mainline	0.84	1.15	28.13	3.82	9920	6687	0.0717	0.0663	0.0266	0.0013	0.0132	0.0357	0.0057	0.0036	0.0006	0.0317	0.1255
2	2045	ALT1	EB	PM	Mainline	1.91	2.56	62.35	8.92	22291	15056	0.1703	0.1572	0.0603	0.0030	0.0283	0.0775	0.0131	0.0073	0.0014	0.0888	0.2559
3	2045	ALT1	EB	PM	Mainline	0.09	0.12	2.77	0.41	1037	700	0.0084	0.0078	0.0029	0.0001	0.0013	0.0035	0.0006	0.0003	0.0001	0.0048	0.0106
4	2045	ALT1	EB	PM	Mainline	1.61	2.15	51.63	7.51	18651	12615	0.1462	0.1350	0.0508	0.0025	0.0240	0.0656	0.0110	0.0060	0.0012	0.0789	0.2175
5	2045	ALT1	EB	PM	Mainline	0.66	0.87	19.58	2.91	7358	4969	0.0600	0.0554	0.0208	0.0010	0.0089	0.0251	0.0046	0.0023	0.0005	0.0341	0.0752
6	2045	ALT1	EB	PM	Mainline	0.96	1.28	29.96	4.44	11006	7452	0.0892	0.0824	0.0303	0.0015	0.0141	0.0388	0.0066	0.0035	0.0007	0.0502	0.1266

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
7	2045	ALT1	EB	PM	Mainline	1.48	2.01	49.51	7.01	17534	11874	0.1329	0.1228	0.0468	0.0023	0.0244	0.0649	0.0101	0.0060	0.0011	0.0657	0.2363
8	2045	ALT1	EB	PM	Mainline	1.80	2.38	55.61	8.38	20537	13937	0.1710	0.1578	0.0564	0.0028	0.0272	0.0739	0.0123	0.0065	0.0013	0.0987	0.2490
9	2045	ALT1	EB	PM	Mainline	1.51	2.03	49.51	7.25	17760	12054	0.1405	0.1298	0.0477	0.0023	0.0248	0.0658	0.0103	0.0059	0.0011	0.0751	0.2376
10	2045	ALT1	EB	PM	Mainline	0.46	0.61	13.21	2.08	5099	3465	0.0457	0.0422	0.0145	0.0007	0.0067	0.0184	0.0032	0.0016	0.0003	0.0282	0.0592
11	2045	ALT1	EB	PM	Mainline	0.92	1.22	28.70	4.35	10587	7194	0.0888	0.0820	0.0290	0.0014	0.0143	0.0386	0.0063	0.0033	0.0007	0.0515	0.1331
12	2045	ALT1	EB	PM	Mainline	0.66	0.87	19.24	2.96	7329	4970	0.0633	0.0584	0.0207	0.0010	0.0094	0.0260	0.0045	0.0023	0.0005	0.0379	0.0822
13	2045	ALT1	EB	PM	Mainline	0.67	0.87	17.40	2.74	6983	4720	0.0622	0.0574	0.0211	0.0011	0.0085	0.0243	0.0047	0.0022	0.0005	0.0380	0.0671
14	2045	ALT1	EB	PM	Mainline	1.00	1.31	26.87	4.22	10639	7200	0.0943	0.0870	0.0314	0.0016	0.0131	0.0372	0.0069	0.0033	0.0007	0.0575	0.1069
15	2045	ALT1	EB	PM	Mainline	1.22	1.61	37.25	5.65	13852	9401	0.1166	0.1077	0.0382	0.0019	0.0182	0.0497	0.0083	0.0043	0.0009	0.0682	0.1653
16	2045	ALT1	EB	PM	Mainline	0.71	0.94	21.86	3.31	8076	5484	0.0675	0.0624	0.0222	0.0011	0.0108	0.0293	0.0048	0.0026	0.0005	0.0392	0.0995
17	2045	ALT1	EB	PM	Mainline	1.22	1.64	40.09	5.84	14336	9731	0.1127	0.1041	0.0384	0.0019	0.0203	0.0536	0.0083	0.0048	0.0009	0.0594	0.1962
18	2045	ALT1	EB	PM	Mainline	1.48	2.09	45.64	6.06	17132	11501	0.1248	0.1154	0.0479	0.0023	0.0231	0.0630	0.0103	0.0072	0.0012	0.0436	0.2200
19	2045	ALT1	EB	PM	Mainline	0.87	1.19	29.73	4.04	10402	7007	0.0748	0.0692	0.0278	0.0014	0.0133	0.0363	0.0060	0.0036	0.0007	0.0344	0.1233
20	2045	ALT1	EB	PM	Mainline	2.18	3.03	71.57	9.37	25672	17226	0.1804	0.1668	0.0699	0.0034	0.0329	0.0904	0.0151	0.0100	0.0017	0.0676	0.3072
21	2045	ALT1	EB	PM	Mainline	0.20	0.27	6.78	0.92	2371	1594	0.0168	0.0156	0.0064	0.0003	0.0029	0.0080	0.0014	0.0008	0.0001	0.0078	0.0257
22	2045	ALT1	EB	PM	Mainline	0.78	1.04	25.00	3.52	8985	6047	0.0670	0.0619	0.0247	0.0012	0.0107	0.0299	0.0054	0.0029	0.0006	0.0343	0.0911
23	2045	ALT1	EB	PM	Mainline	0.83	1.11	27.37	3.76	9671	6495	0.0692	0.0639	0.0263	0.0013	0.0112	0.0316	0.0058	0.0032	0.0006	0.0333	0.0951
24	2045	ALT1	EB	PM	Mainline	0.74	0.98	22.81	3.39	8448	5717	0.0690	0.0638	0.0234	0.0012	0.0107	0.0295	0.0051	0.0027	0.0005	0.0394	0.0940
25	2045	ALT1	EB	PM	Mainline	0.49	0.66	16.37	2.31	5792	3921	0.0438	0.0405	0.0155	0.0008	0.0080	0.0213	0.0033	0.0020	0.0004	0.0217	0.0773
26	2045	ALT1	EB	PM	Mainline	4.43	6.07	148.01	20.36	52450	35417	0.3851	0.3559	0.1407	0.0068	0.0721	0.1928	0.0303	0.0189	0.0034	0.1735	0.6960
27	2045	ALT1	EB	PM	Mainline	3.20	4.24	98.98	14.61	36444	24651	0.2939	0.2714	0.1007	0.0050	0.0459	0.1269	0.0220	0.0116	0.0023	0.1650	0.4053
28	2045	ALT1	EB	PM	Mainline	1.85	2.46	58.31	8.65	21289	14431	0.1725	0.1593	0.0581	0.0028	0.0281	0.0762	0.0126	0.0068	0.0014	0.0966	0.2574
29	2045	ALT1	EB	PM	Mainline	1.24	1.65	39.14	5.81	14310	9699	0.1161	0.1072	0.0391	0.0019	0.0188	0.0511	0.0085	0.0046	0.0009	0.0652	0.1719
30	2045	ALT1	EB	PM	Mainline	2.20	2.90	64.86	9.85	24527	16610	0.2071	0.1912	0.0692	0.0034	0.0309	0.0860	0.0152	0.0077	0.0016	0.1217	0.2682
31	2045	ALT1	EB	PM	Mainline	1.56	2.07	48.98	7.27	17938	12155	0.1457	0.1345	0.0491	0.0024	0.0235	0.0639	0.0107	0.0057	0.0011	0.0820	0.2132
32	2045	ALT1	EB	PM	Mainline	1.72	2.33	57.04	8.27	20346	13812	0.1591	0.1469	0.0544	0.0026	0.0290	0.0766	0.0117	0.0068	0.0013	0.0828	0.2832
33	2045	ALT1	EB	PM	Mainline	1.56	2.09	50.46	7.46	18210	12359	0.1461	0.1349	0.0491	0.0024	0.0249	0.0667	0.0106	0.0059	0.0012	0.0802	0.2356
34	2045	ALT1	EB	PM	Mainline	1.94	2.62	63.87	9.40	22892	15570	0.1825	0.1685	0.0612	0.0029	0.0335	0.0878	0.0131	0.0076	0.0015	0.0973	0.3308
35	2045	ALT1	EB	PM	Mainline	1.01	1.35	31.75	4.76	11651	7908	0.0961	0.0887	0.0318	0.0016	0.0156	0.0422	0.0069	0.0037	0.0007	0.0548	0.1441
36	2045	ALT1	EB	PM	Mainline	1.21	1.61	38.04	5.71	13959	9474	0.1151	0.1063	0.0381	0.0019	0.0187	0.0505	0.0083	0.0044	0.0009	0.0657	0.1727
37	2045	ALT1	EB	PM	Mainline	1.63	2.17	51.24	7.69	18801	12760	0.1551	0.1432	0.0514	0.0025	0.0252	0.0681	0.0111	0.0060	0.0012	0.0884	0.2326
38	2045	ALT1	EB	PM	Mainline	2.41	3.21	76.06	11.58	27896	18984	0.2343	0.2163	0.0757	0.0037	0.0391	0.1040	0.0163	0.0089	0.0018	0.1355	0.3713
39	2045	ALT1	EB	PM	Mainline	2.54	3.33	72.74	11.44	28017	19036	0.2497	0.2304	0.0796	0.0039	0.0368	0.1011	0.0174	0.0087	0.0019	0.1534	0.3244
40	2045	ALT1	EB	PM	Mainline	1.71	2.23	46.68	7.51	18454	12539	0.1701	0.1569	0.0536	0.0027	0.0239	0.0665	0.0118	0.0057	0.0013	0.1070	0.2055
41	2045	ALT1	EB	PM	Mainline	0.64	0.83	18.11	2.83	6980	4737	0.0616	0.0568	0.0199	0.0010	0.0090	0.0249	0.0044	0.0022	0.0005	0.0375	0.0783
42	2045	ALT1	EB	PM	Mainline	1.86	2.47	58.22	8.89	21460	14603	0.1817	0.1677	0.0585	0.0028	0.0299	0.0797	0.0126	0.0068	0.0014	0.1061	0.2818
43	2045	ALT1	EB	PM	Mainline	0.82	1.08	23.09	3.65	8988	6102	0.0806	0.0744	0.0258	0.0013	0.0116	0.0322	0.0057	0.0028	0.0006	0.0497	0.1005
44	2045	ALT1	EB	PM	Mainline	1.30	1.71	36.52	5.77	14211	9648	0.1274	0.1176	0.0408	0.0020	0.0184	0.0509	0.0090	0.0044	0.0009	0.0786	0.1589
45	2045	ALT1	EB	PM	Mainline	0.56	0.73	15.17	2.44	6004	4078	0.0552	0.0509	0.0175	0.0009	0.0077	0.0216	0.0038	0.0019	0.0004	0.0347	0.0662
46	2045	ALT1	EB	PM	Mainline	1.45	1.91	43.76	6.78	16445	11190	0.1437	0.1326	0.0455	0.0022	0.0223	0.0602	0.0099	0.0051	0.0011	0.0870	0.2049
47	2045	ALT1	EB	PM	Mainline	0.09	0.11	2.39	0.38	941	639	0.0085	0.0079	0.0027	0.0001	0.0012	0.0034	0.0006	0.0003	0.0001	0.0053	0.0102
48	2045	ALT1	EB	PM	Mainline	1.87	2.43	49.23	7.93	19723	13385	0.1826	0.1685	0.0585	0.0029	0.0252	0.0707	0.0129	0.0061	0.0013	0.1150	0.2098
49	2045	ALT1	EB	PM	Mainline	0.15	0.19	4.10	0.65	1595	1082	0.0142	0.0131	0.0046	0.0002	0.0021	0.0057	0.0010	0.0005	0.0001	0.0088	0.0177
50	2045	ALT1	EB	PM	Mainline	2.35	3.07	65.38	10.35	25533	17330	0.2294	0.2117	0.0737	0.0037	0.0328	0.0912	0.0162	0.0079	0.0017	0.1417	0.2821
51	2045	ALT1	EB	PM	Mainline	0.35	0.46	10.83	1.62	3977	2697	0.0326	0.0301	0.0109	0.0005	0.0052	0.0142	0.0024	0.0013	0.0003	0.0185	0.0479
52	2045	ALT1	EB	PM	Mainline	0.48	0.63	15.17	2.27	5515	3746	0.0450	0.0416	0.0149	0.0007	0.0076	0.0202	0.0032	0.0018	0.0004	0.0253	0.0711
53	2045	ALT1	EB	PM	Mainline	0.38	0.51	12.50	1.83	4469	3040	0.0354	0.0327	0.0119	0.0006	0.0066	0.0173	0.0025	0.0015	0.0003	0.0187	0.0656
54	2045	ALT1	EB	PM	Mainline	2.88	4.06	83.70	11.83	32649	22058	0.2536	0.2345	0.0925	0.0044	0.0503	0.1326	0.0197	0.0140	0.0024	0.0964	0.5078

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
55	2045	ALT1	EB	PM	Mainline	0.97	1.31	32.09	4.63	11426	7751	0.0887	0.0820	0.0305	0.0015	0.0161	0.0427	0.0066	0.0038	0.0007	0.0458	0.1566
56	2045	ALT1	EB	PM	Mainline	1.59	2.22	49.50	7.00	18455	12491	0.1406	0.1300	0.0508	0.0024	0.0282	0.0739	0.0108	0.0073	0.0013	0.0585	0.2855
57	2045	ALT1	EB	PM	Mainline	0.72	0.95	21.34	3.24	8059	5457	0.0678	0.0626	0.0227	0.0011	0.0101	0.0282	0.0050	0.0025	0.0005	0.0397	0.0879
58	2045	ALT1	EB	PM	Mainline	2.45	3.28	79.72	11.63	28616	19398	0.2254	0.2081	0.0771	0.0038	0.0388	0.1040	0.0167	0.0094	0.0018	0.1207	0.3654
59	2045	ALT1	EB	PM	Mainline	0.63	0.84	19.71	2.90	7242	4896	0.0580	0.0535	0.0200	0.0010	0.0091	0.0251	0.0044	0.0023	0.0005	0.0323	0.0799
60	2045	ALT1	EB	PM	Mainline	2.86	3.92	95.97	13.22	33946	22922	0.2495	0.2306	0.0910	0.0044	0.0463	0.1240	0.0196	0.0121	0.0022	0.1140	0.4445
61	2045	ALT1	EB	PM	Mainline	0.61	0.81	19.65	2.80	7054	4758	0.0536	0.0495	0.0192	0.0010	0.0087	0.0241	0.0042	0.0023	0.0004	0.0279	0.0768
62	2045	ALT1	EB	PM	Mainline	1.36	1.78	39.58	5.84	14944	10070	0.1198	0.1106	0.0427	0.0021	0.0175	0.0501	0.0094	0.0047	0.0009	0.0671	0.1429
63	2045	ALT1	EB	PM	Mainline	0.53	0.69	14.92	2.28	5740	3880	0.0486	0.0448	0.0165	0.0008	0.0070	0.0198	0.0036	0.0018	0.0004	0.0286	0.0583
64	2045	ALT1	EB	PM	Mainline	1.72	2.26	50.06	7.57	19025	12862	0.1590	0.1468	0.0542	0.0027	0.0234	0.0657	0.0119	0.0060	0.0012	0.0926	0.1977
65	2045	ALT1	EB	PM	Mainline	0.54	0.71	16.53	2.42	6100	4119	0.0487	0.0449	0.0170	0.0008	0.0075	0.0208	0.0037	0.0019	0.0004	0.0271	0.0643
66	2045	ALT1	EB	PM	Mainline	0.20	0.27	6.33	1.01	2353	1620	0.0204	0.0188	0.0063	0.0003	0.0043	0.0107	0.0013	0.0008	0.0002	0.0114	0.0465
67	2045	ALT1	EB	PM	Mainline	2.00	2.77	55.80	9.08	22315	15334	0.1933	0.1786	0.0628	0.0029	0.0441	0.1087	0.0130	0.0089	0.0016	0.0934	0.4848
68	2045	ALT1	EB	PM	Mainline	1.06	1.42	33.32	5.48	12402	8556	0.1137	0.1050	0.0330	0.0015	0.0217	0.0542	0.0069	0.0039	0.0008	0.0700	0.2295
69	2045	ALT1	EB	PM	Mainline	3.14	4.29	93.55	15.40	35895	24770	0.3149	0.2908	0.0978	0.0044	0.0709	0.1736	0.0202	0.0130	0.0025	0.1698	0.7846
70	2045	ALT1	EB	PM	Mainline	1.63	2.13	46.85	8.09	18344	12654	0.1881	0.1736	0.0505	0.0024	0.0292	0.0752	0.0108	0.0055	0.0013	0.1278	0.2903
71	2045	ALT1	EB	PM	Mainline	1.99	2.57	51.16	10.05	21619	15094	0.2695	0.2485	0.0611	0.0029	0.0376	0.0953	0.0130	0.0062	0.0017	0.2019	0.3816
72	2045	ALT1	EB	PM	Mainline	2.25	2.90	54.14	10.25	23305	16122	0.2818	0.2598	0.0696	0.0034	0.0365	0.0964	0.0151	0.0069	0.0018	0.2067	0.3414
73	2045	ALT1	EB	PM	Ramp	0.12	0.18	2.24	0.29	1127	747	0.0095	0.0088	0.0040	0.0002	0.0020	0.0055	0.0009	0.0007	0.0001	0.0015	0.0202
74	2045	ALT1	EB	PM	Ramp	0.08	0.12	1.38	0.22	716	483	0.0066	0.0061	0.0027	0.0001	0.0021	0.0052	0.0005	0.0004	0.0001	0.0017	0.0249
75	2045	ALT1	EB	PM	Ramp	0.10	0.15	1.69	0.23	899	597	0.0079	0.0074	0.0033	0.0002	0.0019	0.0050	0.0007	0.0006	0.0001	0.0013	0.0203
76	2045	ALT1	EB	PM	Ramp	0.14	0.20	2.28	0.31	1211	806	0.0108	0.0100	0.0045	0.0002	0.0028	0.0071	0.0009	0.0008	0.0001	0.0019	0.0300
77	2045	ALT1	EB	PM	Ramp	0.16	0.24	2.43	0.31	1403	924	0.0129	0.0120	0.0054	0.0003	0.0026	0.0071	0.0012	0.0010	0.0001	0.0014	0.0258
78	2045	ALT1	EB	PM	Ramp	0.13	0.18	1.68	0.27	968	650	0.0094	0.0087	0.0040	0.0002	0.0033	0.0079	0.0008	0.0007	0.0001	0.0019	0.0388
79	2045	ALT1	EB	PM	Ramp	0.20	0.31	2.59	0.34	1671	1100	0.0167	0.0155	0.0068	0.0003	0.0035	0.0095	0.0014	0.0013	0.0002	0.0015	0.0364
80	2045	ALT1	EB	PM	Ramp	0.21	0.31	3.64	0.53	1867	1251	0.0166	0.0154	0.0068	0.0003	0.0047	0.0117	0.0014	0.0011	0.0002	0.0038	0.0525
81	2045	ALT1	EB	PM	Ramp	0.22	0.32	5.77	0.73	2416	1606	0.0182	0.0168	0.0073	0.0004	0.0028	0.0083	0.0016	0.0012	0.0002	0.0043	0.0244
82	2045	ALT1	EB	PM	Ramp	0.14	0.20	3.00	0.39	1365	909	0.0110	0.0102	0.0044	0.0002	0.0022	0.0059	0.0009	0.0008	0.0001	0.0025	0.0213
83	2045	ALT1	EB	PM	Ramp	0.03	0.04	0.87	0.14	346	237	0.0029	0.0027	0.0010	0.0000	0.0006	0.0016	0.0002	0.0001	0.0000	0.0013	0.0070
84	2045	ALT1	EB	PM	Ramp	0.07	0.11	2.25	0.29	860	574	0.0061	0.0057	0.0024	0.0001	0.0011	0.0030	0.0005	0.0004	0.0001	0.0018	0.0095
85	2045	ALT1	EB	PM	Ramp	0.13	0.19	4.10	0.55	1542	1037	0.0114	0.0105	0.0043	0.0002	0.0021	0.0058	0.0009	0.0006	0.0001	0.0041	0.0207
86	2045	ALT1	EB	PM	Ramp	0.26	0.38	5.11	0.80	2459	1664	0.0218	0.0202	0.0084	0.0004	0.0061	0.0150	0.0017	0.0013	0.0002	0.0068	0.0687
87	2045	ALT1	EB	PM	Ramp	0.09	0.13	1.74	0.22	832	552	0.0068	0.0063	0.0028	0.0001	0.0014	0.0037	0.0006	0.0005	0.0001	0.0012	0.0133
88	2045	ALT1	EB	PM	Ramp	0.05	0.07	1.33	0.20	535	364	0.0044	0.0041	0.0015	0.0001	0.0009	0.0024	0.0003	0.0002	0.0000	0.0018	0.0098
89	2045	ALT1	EB	PM	Ramp	0.03	0.04	0.60	0.09	282	189	0.0024	0.0022	0.0009	0.0000	0.0006	0.0014	0.0002	0.0002	0.0000	0.0006	0.0060
90	2045	ALT1	EB	PM	Ramp	0.23	0.34	3.45	0.52	1908	1277	0.0178	0.0165	0.0075	0.0003	0.0056	0.0136	0.0015	0.0013	0.0002	0.0035	0.0633
91	2045	ALT1	EB	PM	Ramp	0.09	0.12	2.21	0.36	944	647	0.0084	0.0078	0.0028	0.0001	0.0019	0.0047	0.0006	0.0004	0.0001	0.0037	0.0207
92	2045	ALT1	EB	PM	Ramp	0.19	0.28	2.65	0.40	1538	1026	0.0147	0.0136	0.0062	0.0003	0.0045	0.0110	0.0013	0.0011	0.0002	0.0025	0.0504
93	2045	ALT1	EB	PM	Ramp	0.91	1.29	28.64	3.56	10599	7064	0.0730	0.0675	0.0296	0.0015	0.0123	0.0353	0.0064	0.0045	0.0007	0.0216	0.1084
94	2045	ALT1	EB	PM	Ramp	0.46	0.66	10.60	1.62	4757	3222	0.0410	0.0379	0.0148	0.0007	0.0090	0.0231	0.0031	0.0024	0.0004	0.0141	0.0957
95	2045	ALT1	EB	PM	Ramp																	
96	2045	ALT1	EB	PM	Ramp	0.04	0.05	1.21	0.17	436	297	0.0034	0.0031	0.0012	0.0001	0.0007	0.0018	0.0002	0.0002	0.0000	0.0016	0.0070
97	2045	ALT1	EB	PM	Ramp	0.05	0.07	1.26	0.23	527	367	0.0050	0.0046	0.0015	0.0001	0.0013	0.0030	0.0003	0.0002	0.0000	0.0027	0.0144
98	2045	ALT1	EB	PM	Ramp	0.09	0.13	2.51	0.41	1016	698	0.0088	0.0082	0.0029	0.0001	0.0020	0.0050	0.0006	0.0004	0.0001	0.0042	0.0222
99	2045	ALT1	EB	PM	Ramp	0.11	0.16	3.36	0.41	1265	841	0.0087	0.0080	0.0036	0.0002	0.0014	0.0041	0.0008	0.0006	0.0001	0.0023	0.0120
100	2045	ALT1	EB	PM	Ramp	0.20	0.28	5.77	0.80	2257	1521	0.0173	0.0160	0.0064	0.0003	0.0034	0.0089	0.0014	0.0010	0.0002	0.0062	0.0333
101	2045	ALT1	EB	PM	Ramp	0.06	0.08	1.91	0.27	694	470	0.0052	0.0048	0.0019	0.0001	0.0010	0.0027	0.0004	0.0003	0.0000	0.0023	0.0103
102	2045	ALT1	EB	PM	Ramp	0.05	0.07	1.63	0.22	609	410	0.0045	0.0042	0.0017	0.0001	0.0009	0.0023	0.0004	0.0002	0.0000	0.0017	0.0085

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
103	2045	ALT1	EB	PM	Ramp	0.05	0.07	1.55	0.19	553	367	0.0036	0.0033	0.0015	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0010	0.0048
104	2045	ALT1	EB	PM	Ramp	0.10	0.14	2.26	0.30	1002	669	0.0080	0.0074	0.0032	0.0002	0.0015	0.0042	0.0007	0.0005	0.0001	0.0020	0.0147
105	2045	ALT1	EB	PM	Ramp	0.07	0.10	1.85	0.22	742	491	0.0053	0.0049	0.0022	0.0001	0.0008	0.0023	0.0005	0.0004	0.0001	0.0011	0.0061
106	2045	ALT1	EB	PM	Ramp	0.03	0.05	0.46	0.06	278	183	0.0026	0.0024	0.0011	0.0001	0.0006	0.0015	0.0002	0.0002	0.0000	0.0003	0.0058
107	2045	ALT1	EB	PM	Ramp	0.11	0.17	2.83	0.34	1217	804	0.0090	0.0084	0.0038	0.0002	0.0013	0.0040	0.0008	0.0007	0.0001	0.0016	0.0108
108	2045	ALT1	EB	PM	Ramp	0.10	0.15	2.23	0.27	1022	675	0.0080	0.0074	0.0033	0.0002	0.0013	0.0039	0.0007	0.0006	0.0001	0.0013	0.0119
109	2045	ALT1	EB	PM	Ramp	0.12	0.18	3.23	0.40	1339	890	0.0100	0.0092	0.0040	0.0002	0.0015	0.0045	0.0009	0.0007	0.0001	0.0023	0.0130
110	2045	ALT1	EB	PM	Ramp	0.14	0.20	3.18	0.45	1423	956	0.0118	0.0109	0.0045	0.0002	0.0024	0.0064	0.0010	0.0007	0.0001	0.0034	0.0249
111	2045	ALT1	EB	PM	Ramp	0.05	0.07	1.53	0.21	567	382	0.0042	0.0039	0.0016	0.0001	0.0008	0.0022	0.0003	0.0002	0.0000	0.0016	0.0080
112	2045	ALT1	EB	PM	Ramp	0.20	0.29	4.37	0.56	2009	1334	0.0160	0.0149	0.0066	0.0003	0.0031	0.0085	0.0014	0.0011	0.0002	0.0032	0.0295
113	2045	ALT1	EB	PM	Ramp	0.10	0.15	2.53	0.29	1098	724	0.0082	0.0076	0.0034	0.0002	0.0012	0.0036	0.0008	0.0006	0.0001	0.0013	0.0095
114	2045	ALT1	EB	PM	Ramp	0.09	0.14	2.09	0.26	952	631	0.0075	0.0069	0.0031	0.0002	0.0013	0.0037	0.0007	0.0005	0.0001	0.0014	0.0120
115	2045	ALT1	EB	PM	Ramp																	
116	2045	ALT1	EB	PM	Ramp	0.04	0.05	0.88	0.11	385	255	0.0029	0.0027	0.0012	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0006	0.0041
117	2045	ALT1	EB	PM	Ramp	0.05	0.07	1.38	0.19	569	381	0.0044	0.0041	0.0017	0.0001	0.0008	0.0022	0.0004	0.0003	0.0000	0.0013	0.0074
118	2045	ALT1	EB	PM	Ramp	0.08	0.11	1.96	0.22	839	553	0.0061	0.0057	0.0026	0.0001	0.0008	0.0026	0.0006	0.0005	0.0001	0.0009	0.0063
119	2045	ALT1	EB	PM	Ramp	0.09	0.13	2.52	0.32	1031	686	0.0077	0.0071	0.0031	0.0002	0.0012	0.0036	0.0007	0.0005	0.0001	0.0019	0.0108
120	2045	ALT1	EB	PM	Ramp	0.05	0.07	1.25	0.15	533	352	0.0040	0.0037	0.0016	0.0001	0.0006	0.0018	0.0004	0.0003	0.0000	0.0008	0.0049
121	2045	ALT1	EB	PM	Ramp	0.14	0.19	4.34	0.62	1582	1073	0.0121	0.0112	0.0043	0.0002	0.0024	0.0063	0.0009	0.0006	0.0001	0.0055	0.0244
122	2045	ALT1	EB	PM	Ramp	1.18	1.70	32.36	4.31	13166	8817	0.1007	0.0932	0.0386	0.0019	0.0178	0.0493	0.0083	0.0062	0.0010	0.0303	0.1677
123	2045	ALT1	EB	PM	Ramp	0.52	0.72	15.74	2.36	5974	4070	0.0479	0.0443	0.0165	0.0008	0.0102	0.0259	0.0035	0.0023	0.0004	0.0218	0.1071
124	2045	ALT1	EB	PM	Ramp																	
125	2045	ALT1	EB	PM	Ramp	0.12	0.17	2.08	0.40	1041	720	0.0102	0.0094	0.0037	0.0001	0.0036	0.0084	0.0007	0.0005	0.0001	0.0043	0.0438
126	2045	ALT1	EB	PM	Ramp	0.05	0.08	1.08	0.13	521	344	0.0042	0.0039	0.0018	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0006	0.0069
127	2045	ALT1	EB	PM	Ramp	0.19	0.28	3.00	0.42	1616	1077	0.0146	0.0135	0.0061	0.0003	0.0039	0.0099	0.0013	0.0011	0.0002	0.0026	0.0429
128	2045	ALT1	EB	PM	Ramp	0.04	0.06	0.89	0.09	431	281	0.0033	0.0031	0.0015	0.0001	0.0003	0.0012	0.0003	0.0003	0.0000	0.0002	0.0018
129	2045	ALT1	EB	PM	Ramp	0.14	0.20	3.14	0.44	1416	950	0.0117	0.0108	0.0045	0.0002	0.0025	0.0065	0.0010	0.0007	0.0001	0.0033	0.0252
130	2045	ALT1	EB	PM	Ramp	0.09	0.13	3.03	0.35	1109	733	0.0072	0.0066	0.0031	0.0002	0.0011	0.0032	0.0007	0.0005	0.0001	0.0016	0.0079
131	2045	ALT1	EB	PM	Ramp	0.15	0.22	3.86	0.60	1649	1121	0.0140	0.0130	0.0049	0.0002	0.0029	0.0075	0.0010	0.0008	0.0001	0.0054	0.0308
132	2045	ALT1	EB	PM	Ramp	0.15	0.22	4.51	0.49	1725	1133	0.0112	0.0104	0.0050	0.0003	0.0014	0.0047	0.0011	0.0008	0.0001	0.0018	0.0093
133	2045	ALT1	EB	PM	Ramp	0.18	0.26	4.36	0.58	1892	1264	0.0150	0.0139	0.0058	0.0003	0.0027	0.0074	0.0013	0.0010	0.0002	0.0039	0.0254
134	2045	ALT1	EB	PM	Ramp	0.54	0.77	17.47	2.00	6345	4190	0.0405	0.0375	0.0177	0.0009	0.0059	0.0183	0.0039	0.0028	0.0004	0.0089	0.0440
135	2045	ALT1	EB	PM	Ramp	0.18	0.26	3.89	0.56	1802	1211	0.0152	0.0141	0.0059	0.0003	0.0035	0.0091	0.0012	0.0010	0.0002	0.0042	0.0377
136	2045	ALT1	EB	PM	Ramp	0.03	0.05	0.76	0.08	346	226	0.0026	0.0024	0.0011	0.0001	0.0003	0.0010	0.0002	0.0002	0.0000	0.0002	0.0018
137	2045	ALT1	EB	PM	Ramp	1.89	2.57	38.96	9.49	18927	13581	0.2165	0.1998	0.0567	0.0022	0.0633	0.1427	0.0108	0.0074	0.0016	0.1343	0.7745
138	2045	ALT1	EB	PM	Ramp																	
139	2045	ALT1	EB	PM	Ramp	0.12	0.17	2.51	0.29	1183	778	0.0092	0.0086	0.0039	0.0002	0.0014	0.0043	0.0009	0.0007	0.0001	0.0012	0.0120
140	2045	ALT1	EB	PM	Ramp	0.23	0.34	3.86	0.45	2085	1368	0.0180	0.0167	0.0077	0.0004	0.0029	0.0086	0.0017	0.0014	0.0002	0.0016	0.0252
141	2045	ALT1	EB	PM	Ramp	0.07	0.10	2.22	0.24	814	535	0.0051	0.0047	0.0023	0.0001	0.0007	0.0022	0.0005	0.0004	0.0001	0.0009	0.0045
142	2045	ALT1	EB	PM	Ramp	0.12	0.18	2.99	0.31	1286	840	0.0090	0.0084	0.0040	0.0002	0.0010	0.0035	0.0009	0.0007	0.0001	0.0008	0.0051
143	2045	ALT1	EB	PM	Ramp	0.20	0.28	6.21	0.69	2290	1508	0.0146	0.0135	0.0065	0.0003	0.0020	0.0064	0.0014	0.0010	0.0002	0.0028	0.0139
144	2045	ALT1	EB	PM	HOV	0.12	0.16	4.44	0.45	1437	934	0.0066	0.0061	0.0039	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0015
145	2045	ALT1	EB	PM	HOV	0.31	0.43	11.72	1.20	3793	2466	0.0174	0.0161	0.0103	0.0005	0.0020	0.0079	0.0023	0.0014	0.0002	0.0013	0.0038
146	2045	ALT1	EB	PM	HOV	0.01	0.02	0.51	0.05	164	107	0.0008	0.0007	0.0004	0.0000	0.0001	0.0003	0.0001	0.0001	0.0000	0.0001	0.0002
147	2045	ALT1	EB	PM	HOV	0.26	0.37	9.91	1.01	3207	2085	0.0147	0.0136	0.0087	0.0005	0.0017	0.0067	0.0020	0.0012	0.0002	0.0011	0.0032
148	2045	ALT1	EB	PM	HOV	0.10	0.13	3.60	0.37	1166	758	0.0053	0.0050	0.0032	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0012
149	2045	ALT1	EB	PM	HOV	0.16	0.23	6.16	0.63	1996	1297	0.0092	0.0086	0.0054	0.0003	0.0010	0.0041	0.0012	0.0008	0.0001	0.0007	0.0020
150	2045	ALT1	EB	PM	HOV	0.23	0.32	8.59	0.87	2782	1808	0.0129	0.0119	0.0075	0.0004	0.0015	0.0058	0.0017	0.0011	0.0002	0.0009	0.0028

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
151	2045	ALT1	EB	PM	HOV	0.31	0.43	11.60	1.18	3756	2441	0.0174	0.0161	0.0102	0.0005	0.0020	0.0078	0.0023	0.0014	0.0002	0.0012	0.0038
152	2045	ALT1	EB	PM	HOV	0.24	0.34	9.20	0.93	2979	1936	0.0138	0.0128	0.0081	0.0004	0.0016	0.0062	0.0018	0.0011	0.0002	0.0010	0.0030
153	2045	ALT1	EB	PM	HOV	0.09	0.12	3.28	0.34	1071	696	0.0048	0.0045	0.0029	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0010
154	2045	ALT1	EB	PM	HOV	0.17	0.23	6.27	0.65	2047	1331	0.0092	0.0085	0.0056	0.0003	0.0011	0.0043	0.0013	0.0007	0.0001	0.0007	0.0020
155	2045	ALT1	EB	PM	HOV	0.13	0.17	4.66	0.49	1521	989	0.0068	0.0063	0.0042	0.0002	0.0008	0.0032	0.0010	0.0006	0.0001	0.0005	0.0015
156	2045	ALT1	EB	PM	HOV	0.10	0.14	3.66	0.38	1197	778	0.0054	0.0050	0.0033	0.0002	0.0006	0.0025	0.0007	0.0004	0.0001	0.0004	0.0012
157	2045	ALT1	EB	PM	HOV	0.18	0.24	6.45	0.67	2106	1369	0.0094	0.0088	0.0058	0.0003	0.0011	0.0044	0.0013	0.0008	0.0001	0.0007	0.0021
158	2045	ALT1	EB	PM	HOV	0.20	0.28	7.43	0.78	2427	1578	0.0109	0.0101	0.0067	0.0004	0.0013	0.0051	0.0015	0.0009	0.0001	0.0008	0.0024
159	2045	ALT1	EB	PM	HOV	0.20	0.29	6.32	0.61	2328	1512	0.0135	0.0126	0.0066	0.0004	0.0012	0.0050	0.0015	0.0011	0.0002	0.0007	0.0026
160	2045	ALT1	EB	PM	HOV	0.37	0.54	11.78	1.14	4338	2818	0.0253	0.0234	0.0124	0.0007	0.0023	0.0093	0.0028	0.0021	0.0003	0.0012	0.0049
161	2045	ALT1	EB	PM	HOV																	
162	2045	ALT1	EB	PM	HOV																	
163	2045	ALT1	EB	PM	HOV																	
164	2045	ALT1	EB	PM	HOV																	
165	2045	ALT1	EB	PM	HOV																	
166	2045	ALT1	EB	PM	HOV																	
167	2045	ALT1	EB	PM	HOV																	
168	2045	ALT1	EB	PM	HOV																	
169	2045	ALT1	EB	PM	HOV																	
170	2045	ALT1	EB	PM	HOV																	
171	2045	ALT1	EB	PM	HOV																	
172	2045	ALT1	EB	PM	HOV																	
173	2045	ALT1	EB	PM	HOV																	
174	2045	ALT1	EB	PM	HOV																	
175	2045	ALT1	EB	PM	HOV																	
176	2045	ALT1	EB	PM	HOV																	
177	2045	ALT1	EB	PM	HOV																	
178	2045	ALT1	EB	PM	HOV																	
179	2045	ALT1	EB	PM	HOV																	
180	2045	ALT1	EB	PM	HOV																	
181	2045	ALT1	EB	PM	HOV																	
182	2045	ALT1	EB	PM	HOV																	
183	2045	ALT1	EB	PM	HOV																	
184	2045	ALT1	EB	PM	HOV																	
185	2045	ALT1	EB	PM	HOV																	
186	2045	ALT1	EB	PM	HOV																	
187	2045	ALT1	EB	PM	HOV																	
188	2045	ALT1	EB	PM	HOV																	
189	2045	ALT1	EB	PM	HOV																	
190	2045	ALT1	EB	PM	HOV																	
191	2045	ALT1	EB	PM	HOV																	
192	2045	ALT1	EB	PM	HOV																	
193	2045	ALT1	EB	PM	HOV																	
194	2045	ALT1	EB	PM	HOV																	
195	2045	ALT1	EB	PM	HOV																	
196	2045	ALT1	EB	PM	HOV																	
197	2045	ALT1	EB	PM	HOV																	
198	2045	ALT1	EB	PM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
199	2045	ALT1	EB	PM	HOV																	
200	2045	ALT1	EB	PM	HOV																	
201	2045	ALT1	EB	PM	HOV																	
202	2045	ALT1	EB	PM	HOV																	
203	2045	ALT1	EB	PM	HOV																	
204	2045	ALT1	EB	PM	HOV																	
205	2045	ALT1	EB	PM	HOV																	
206	2045	ALT1	EB	PM	HOV																	
207	2045	ALT1	EB	PM	HOV																	
208	2045	ALT1	EB	PM	HOV																	
209	2045	ALT1	EB	PM	HOV																	
210	2045	ALT1	EB	PM	HOV																	
211	2045	ALT1	EB	PM	HOV																	
212	2045	ALT1	EB	PM	HOV																	
213	2045	ALT1	EB	PM	HOV																	
214	2045	ALT1	EB	PM	HOV																	
215	2045	ALT1	EB	PM	HOV																	
1	2045	ALT1	EB	NT	Mainline	1.24	1.52	21.64	11.01	14231	11312	0.4798	0.4416	0.0343	0.0011	0.0531	0.1140	0.0061	0.0026	0.0022	0.4564	0.6705
2	2045	ALT1	EB	NT	Mainline	3.19	3.90	54.88	28.92	36753	29352	1.2714	1.1701	0.0877	0.0028	0.1398	0.2993	0.0154	0.0067	0.0059	1.2132	1.7729
3	2045	ALT1	EB	NT	Mainline	0.14	0.18	2.49	1.27	1641	1304	0.0563	0.0518	0.0040	0.0001	0.0061	0.0130	0.0007	0.0003	0.0003	0.0536	0.0763
4	2045	ALT1	EB	NT	Mainline	2.64	3.22	44.92	24.41	30574	24520	1.0812	0.9951	0.0723	0.0023	0.1184	0.2526	0.0126	0.0054	0.0050	1.0344	1.5059
5	2045	ALT1	EB	NT	Mainline	1.03	1.26	17.78	9.04	11702	9293	0.4003	0.3684	0.0284	0.0010	0.0431	0.0928	0.0051	0.0022	0.0019	0.3809	0.5428
6	2045	ALT1	EB	NT	Mainline	1.57	1.92	26.56	14.72	18270	14687	0.6593	0.6068	0.0430	0.0013	0.0712	0.1517	0.0075	0.0032	0.0031	0.6319	0.9063
7	2045	ALT1	EB	NT	Mainline	2.31	2.83	40.17	20.69	26583	21165	0.9037	0.8317	0.0638	0.0021	0.0999	0.2143	0.0113	0.0049	0.0042	0.8606	1.2635
8	2045	ALT1	EB	NT	Mainline	2.89	3.52	48.32	27.57	33763	27260	1.2351	1.1367	0.0786	0.0024	0.1343	0.2853	0.0134	0.0058	0.0057	1.1863	1.7181
9	2045	ALT1	EB	NT	Mainline	2.39	2.92	40.88	22.01	27689	22180	0.9725	0.8951	0.0656	0.0021	0.1067	0.2278	0.0114	0.0050	0.0045	0.9297	1.3562
10	2045	ALT1	EB	NT	Mainline	0.74	0.90	12.19	7.30	8747	7109	0.3308	0.3044	0.0200	0.0006	0.0357	0.0755	0.0034	0.0015	0.0015	0.3188	0.4592
11	2045	ALT1	EB	NT	Mainline	1.50	1.83	25.40	14.01	17431	14009	0.6232	0.5736	0.0410	0.0013	0.0681	0.1450	0.0071	0.0031	0.0029	0.5970	0.8674
12	2045	ALT1	EB	NT	Mainline	1.06	1.30	17.83	10.10	12409	10007	0.4525	0.4165	0.0290	0.0009	0.0491	0.1043	0.0050	0.0022	0.0021	0.4344	0.6271
13	2045	ALT1	EB	NT	Mainline	0.90	1.09	15.20	8.14	10275	8213	0.3692	0.3398	0.0247	0.0008	0.0386	0.0829	0.0044	0.0019	0.0017	0.3530	0.4887
14	2045	ALT1	EB	NT	Mainline	1.40	1.70	22.91	13.77	16463	13376	0.6347	0.5841	0.0379	0.0011	0.0665	0.1408	0.0064	0.0028	0.0029	0.6121	0.8533
15	2045	ALT1	EB	NT	Mainline	1.82	2.22	30.92	16.69	20977	16800	0.7446	0.6853	0.0499	0.0016	0.0804	0.1718	0.0087	0.0038	0.0035	0.7121	1.0203
16	2045	ALT1	EB	NT	Mainline	1.05	1.29	18.00	9.64	12160	9728	0.4290	0.3948	0.0290	0.0009	0.0464	0.0992	0.0051	0.0022	0.0020	0.4100	0.5884
17	2045	ALT1	EB	NT	Mainline	1.82	2.22	30.84	17.10	21217	17069	0.7567	0.6964	0.0497	0.0015	0.0835	0.1776	0.0086	0.0037	0.0035	0.7251	1.0652
18	2045	ALT1	EB	NT	Mainline	1.61	1.98	29.18	13.03	17986	14026	0.5547	0.5106	0.0453	0.0016	0.0613	0.1338	0.0084	0.0036	0.0027	0.5210	0.7587
19	2045	ALT1	EB	NT	Mainline	1.21	1.49	21.84	9.63	13401	10425	0.4134	0.3805	0.0341	0.0012	0.0449	0.0983	0.0064	0.0027	0.0020	0.3879	0.5530
20	2045	ALT1	EB	NT	Mainline	2.63	3.24	47.45	21.56	29503	23064	0.9242	0.8507	0.0740	0.0026	0.1015	0.2213	0.0136	0.0059	0.0044	0.8698	1.2599
21	2045	ALT1	EB	NT	Mainline	0.28	0.35	5.12	2.25	3135	2437	0.0964	0.0888	0.0080	0.0003	0.0105	0.0229	0.0015	0.0006	0.0005	0.0904	0.1288
22	2045	ALT1	EB	NT	Mainline	0.90	1.12	17.51	5.71	9439	7026	0.2267	0.2087	0.0264	0.0011	0.0249	0.0576	0.0053	0.0023	0.0012	0.2038	0.2878
23	2045	ALT1	EB	NT	Mainline	0.94	1.17	18.27	6.11	9936	7425	0.2434	0.2241	0.0275	0.0011	0.0269	0.0617	0.0055	0.0024	0.0012	0.2198	0.3132
24	2045	ALT1	EB	NT	Mainline	0.80	1.00	15.89	4.91	8371	6184	0.1900	0.1749	0.0237	0.0010	0.0212	0.0494	0.0048	0.0021	0.0010	0.1690	0.2416
25	2045	ALT1	EB	NT	Mainline	0.53	0.67	10.58	3.24	5564	4105	0.1255	0.1156	0.0158	0.0007	0.0139	0.0326	0.0032	0.0014	0.0007	0.1115	0.1582
26	2045	ALT1	EB	NT	Mainline	4.74	5.95	93.72	27.71	48801	35804	1.0707	0.9861	0.1409	0.0062	0.1179	0.2785	0.0289	0.0123	0.0056	0.9445	1.3182
27	2045	ALT1	EB	NT	Mainline	3.56	4.47	69.90	20.71	36507	26784	0.8062	0.7424	0.1058	0.0047	0.0880	0.2081	0.0217	0.0092	0.0042	0.7117	0.9821
28	2045	ALT1	EB	NT	Mainline	1.95	2.45	38.12	11.73	20176	14886	0.4622	0.4256	0.0578	0.0025	0.0504	0.1180	0.0118	0.0050	0.0024	0.4113	0.5696
29	2045	ALT1	EB	NT	Mainline	1.28	1.60	25.03	7.46	13108	9625	0.2916	0.2685	0.0380	0.0017	0.0317	0.0750	0.0078	0.0033	0.0015	0.2578	0.3548
30	2045	ALT1	EB	NT	Mainline	2.20	2.76	43.09	12.86	22580	16582	0.5029	0.4632	0.0654	0.0029	0.0547	0.1292	0.0134	0.0057	0.0026	0.4447	0.6114
31	2045	ALT1	EB	NT	Mainline	1.61	2.02	31.55	9.34	16481	12090	0.3641	0.3353	0.0478	0.0021	0.0397	0.0939	0.0098	0.0042	0.0019	0.3215	0.4424

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
32	2045	ALT1	EB	NT	Mainline	1.78	2.23	34.75	10.70	18391	13570	0.4211	0.3878	0.0526	0.0023	0.0460	0.1076	0.0107	0.0046	0.0022	0.3748	0.5198
33	2045	ALT1	EB	NT	Mainline	1.63	2.04	32.05	9.63	16785	12344	0.3742	0.3446	0.0482	0.0021	0.0412	0.0969	0.0099	0.0042	0.0020	0.3312	0.4629
34	2045	ALT1	EB	NT	Mainline	1.95	2.44	38.07	12.13	20353	15099	0.4786	0.4407	0.0573	0.0024	0.0527	0.1223	0.0116	0.0050	0.0025	0.4285	0.6045
35	2045	ALT1	EB	NT	Mainline	1.03	1.29	20.20	6.12	10616	7817	0.2389	0.2200	0.0304	0.0013	0.0262	0.0616	0.0062	0.0026	0.0012	0.2119	0.2955
36	2045	ALT1	EB	NT	Mainline	1.23	1.54	24.19	7.33	12717	9364	0.2862	0.2636	0.0365	0.0016	0.0314	0.0738	0.0074	0.0032	0.0015	0.2538	0.3539
37	2045	ALT1	EB	NT	Mainline	1.66	2.08	32.59	9.88	17130	12613	0.3856	0.3550	0.0491	0.0021	0.0423	0.0994	0.0100	0.0043	0.0020	0.3419	0.4767
38	2045	ALT1	EB	NT	Mainline	2.39	2.99	46.49	14.92	24946	18524	0.5920	0.5451	0.0702	0.0030	0.0649	0.1504	0.0142	0.0061	0.0030	0.5309	0.7449
39	2045	ALT1	EB	NT	Mainline	2.36	2.96	45.95	14.39	24479	18107	0.5701	0.5250	0.0697	0.0030	0.0621	0.1449	0.0142	0.0060	0.0029	0.5091	0.7058
40	2045	ALT1	EB	NT	Mainline	1.60	2.01	30.93	9.97	16674	12382	0.4001	0.3685	0.0472	0.0020	0.0432	0.1003	0.0095	0.0041	0.0021	0.3593	0.4947
41	2045	ALT1	EB	NT	Mainline	0.60	0.75	11.76	3.64	6235	4604	0.1434	0.1320	0.0178	0.0008	0.0156	0.0366	0.0036	0.0015	0.0007	0.1277	0.1772
42	2045	ALT1	EB	NT	Mainline	1.85	2.31	35.95	11.60	19330	14363	0.4609	0.4244	0.0544	0.0023	0.0505	0.1169	0.0110	0.0047	0.0024	0.4137	0.5803
43	2045	ALT1	EB	NT	Mainline	0.77	0.97	15.06	4.71	8017	5929	0.1865	0.1717	0.0228	0.0010	0.0203	0.0474	0.0046	0.0020	0.0010	0.1664	0.2308
44	2045	ALT1	EB	NT	Mainline	1.22	1.53	23.81	7.45	12677	9375	0.2948	0.2715	0.0361	0.0016	0.0321	0.0750	0.0073	0.0031	0.0015	0.2632	0.3649
45	2045	ALT1	EB	NT	Mainline	0.52	0.65	10.03	3.19	5371	3981	0.1269	0.1168	0.0152	0.0007	0.0138	0.0321	0.0031	0.0013	0.0007	0.1136	0.1573
46	2045	ALT1	EB	NT	Mainline	1.41	1.76	27.28	8.95	14773	11004	0.3586	0.3302	0.0414	0.0017	0.0391	0.0903	0.0083	0.0035	0.0018	0.3229	0.4516
47	2045	ALT1	EB	NT	Mainline	0.08	0.10	1.50	0.48	810	601	0.0193	0.0178	0.0023	0.0001	0.0021	0.0049	0.0005	0.0002	0.0001	0.0173	0.0240
48	2045	ALT1	EB	NT	Mainline	1.61	2.01	30.86	10.20	16800	12522	0.4127	0.3800	0.0472	0.0020	0.0445	0.1028	0.0095	0.0040	0.0021	0.3723	0.5137
49	2045	ALT1	EB	NT	Mainline	0.13	0.16	2.55	0.83	1374	1022	0.0331	0.0305	0.0039	0.0002	0.0036	0.0083	0.0008	0.0003	0.0002	0.0297	0.0413
50	2045	ALT1	EB	NT	Mainline	2.31	2.89	44.68	14.89	24328	18163	0.5979	0.5505	0.0678	0.0028	0.0653	0.1503	0.0136	0.0058	0.0030	0.5398	0.7575
51	2045	ALT1	EB	NT	Mainline	0.39	0.49	7.81	2.32	4065	2985	0.0891	0.0820	0.0117	0.0005	0.0099	0.0233	0.0024	0.0010	0.0005	0.0786	0.1111
52	2045	ALT1	EB	NT	Mainline	0.59	0.75	11.90	3.41	6110	4464	0.1291	0.1189	0.0177	0.0008	0.0144	0.0342	0.0036	0.0016	0.0007	0.1130	0.1599
53	2045	ALT1	EB	NT	Mainline	0.44	0.56	8.90	2.62	4610	3383	0.0999	0.0920	0.0132	0.0006	0.0112	0.0264	0.0027	0.0012	0.0005	0.0880	0.1257
54	2045	ALT1	EB	NT	Mainline	2.50	3.15	50.90	15.05	26239	19279	0.5642	0.5196	0.0742	0.0032	0.0646	0.1514	0.0151	0.0066	0.0030	0.4968	0.7306
55	2045	ALT1	EB	NT	Mainline	1.20	1.50	24.08	6.97	12375	9057	0.2628	0.2421	0.0356	0.0016	0.0296	0.0700	0.0073	0.0031	0.0014	0.2305	0.3305
56	2045	ALT1	EB	NT	Mainline	1.52	1.91	30.64	9.24	15935	11739	0.3505	0.3227	0.0450	0.0019	0.0398	0.0930	0.0091	0.0040	0.0018	0.3100	0.4523
57	2045	ALT1	EB	NT	Mainline	0.85	1.06	16.69	4.89	8678	6357	0.1893	0.1744	0.0252	0.0011	0.0207	0.0491	0.0052	0.0022	0.0010	0.1667	0.2306
58	2045	ALT1	EB	NT	Mainline	2.95	3.71	58.20	17.51	30503	22437	0.6811	0.6272	0.0876	0.0038	0.0749	0.1761	0.0179	0.0076	0.0036	0.6031	0.8419
59	2045	ALT1	EB	NT	Mainline	0.75	0.95	14.89	4.27	7680	5608	0.1637	0.1508	0.0224	0.0010	0.0180	0.0428	0.0046	0.0020	0.0009	0.1434	0.1985
60	2045	ALT1	EB	NT	Mainline	3.21	4.04	63.87	18.46	32970	24112	0.7063	0.6505	0.0957	0.0042	0.0781	0.1854	0.0197	0.0084	0.0037	0.6199	0.8668
61	2045	ALT1	EB	NT	Mainline	0.70	0.89	13.98	3.95	7174	5227	0.1506	0.1387	0.0210	0.0009	0.0166	0.0396	0.0044	0.0018	0.0008	0.1315	0.1818
62	2045	ALT1	EB	NT	Mainline	1.43	1.80	28.22	8.26	14674	10746	0.3202	0.2949	0.0427	0.0019	0.0350	0.0829	0.0088	0.0037	0.0017	0.2819	0.3883
63	2045	ALT1	EB	NT	Mainline	0.58	0.72	11.30	3.48	5983	4415	0.1372	0.1263	0.0171	0.0007	0.0150	0.0350	0.0035	0.0015	0.0007	0.1221	0.1693
64	2045	ALT1	EB	NT	Mainline	1.87	2.34	36.41	11.74	19565	14539	0.4660	0.4291	0.0550	0.0023	0.0511	0.1184	0.0111	0.0047	0.0024	0.4182	0.5879
65	2045	ALT1	EB	NT	Mainline	0.61	0.76	12.02	3.71	6349	4689	0.1448	0.1333	0.0180	0.0008	0.0160	0.0374	0.0037	0.0016	0.0008	0.1289	0.1819
66	2045	ALT1	EB	NT	Mainline	0.19	0.24	3.68	1.17	1970	1461	0.0465	0.0428	0.0056	0.0002	0.0051	0.0118	0.0011	0.0005	0.0002	0.0417	0.0584
67	2045	ALT1	EB	NT	Mainline	1.43	1.79	27.67	9.40	15158	11352	0.3774	0.3475	0.0418	0.0017	0.0415	0.0950	0.0083	0.0036	0.0019	0.3418	0.4848
68	2045	ALT1	EB	NT	Mainline	1.04	1.31	20.20	6.64	10946	8154	0.2659	0.2448	0.0307	0.0013	0.0290	0.0669	0.0062	0.0026	0.0014	0.2395	0.3346
69	2045	ALT1	EB	NT	Mainline	2.45	3.05	46.60	16.80	26188	19780	0.6897	0.6349	0.0712	0.0029	0.0751	0.1702	0.0140	0.0060	0.0034	0.6307	0.8889
70	2045	ALT1	EB	NT	Mainline	1.48	1.84	27.94	9.83	15608	11737	0.4071	0.3748	0.0431	0.0018	0.0434	0.0991	0.0086	0.0036	0.0020	0.3711	0.5084
71	2045	ALT1	EB	NT	Mainline	1.65	2.03	29.20	13.38	18299	14300	0.5921	0.5450	0.0465	0.0017	0.0619	0.1355	0.0086	0.0037	0.0028	0.5583	0.7646
72	2045	ALT1	EB	NT	Mainline	1.58	1.95	28.43	12.28	17351	13440	0.5390	0.4961	0.0451	0.0017	0.0562	0.1240	0.0085	0.0036	0.0026	0.5050	0.6859
73	2045	ALT1	EB	NT	Ramp	0.03	0.04	0.83	0.13	329	225	0.0028	0.0026	0.0009	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0013	0.0067
74	2045	ALT1	EB	NT	Ramp	0.03	0.04	0.61	0.12	290	201	0.0029	0.0027	0.0009	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0014	0.0095
75	2045	ALT1	EB	NT	Ramp	0.04	0.05	1.00	0.17	410	282	0.0036	0.0033	0.0012	0.0001	0.0008	0.0021	0.0002	0.0002	0.0000	0.0017	0.0093
76	2045	ALT1	EB	NT	Ramp	0.08	0.12	1.73	0.28	802	546	0.0072	0.0066	0.0026	0.0001	0.0018	0.0045	0.0005	0.0004	0.0001	0.0026	0.0205
77	2045	ALT1	EB	NT	Ramp	0.05	0.07	1.45	0.22	584	397	0.0048	0.0044	0.0017	0.0001	0.0010	0.0026	0.0003	0.0002	0.0000	0.0020	0.0108
78	2045	ALT1	EB	NT	Ramp	0.07	0.09	1.31	0.23	623	427	0.0058	0.0054	0.0021	0.0001	0.0017	0.0041	0.0004	0.0003	0.0001	0.0023	0.0197
79	2045	ALT1	EB	NT	Ramp	0.08	0.11	1.92	0.31	818	559	0.0071	0.0066	0.0024	0.0001	0.0016	0.0039	0.0005	0.0004	0.0001	0.0030	0.0169

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
80	2045	ALT1	EB	NT	Ramp	0.13	0.18	2.70	0.44	1250	852	0.0112	0.0104	0.0040	0.0002	0.0029	0.0070	0.0008	0.0006	0.0001	0.0042	0.0319
81	2045	ALT1	EB	NT	Ramp	0.12	0.16	3.18	0.57	1292	899	0.0121	0.0111	0.0036	0.0002	0.0029	0.0070	0.0007	0.0005	0.0001	0.0066	0.0337
82	2045	ALT1	EB	NT	Ramp	0.10	0.14	2.25	0.34	998	675	0.0085	0.0078	0.0031	0.0001	0.0018	0.0046	0.0006	0.0005	0.0001	0.0029	0.0185
83	2045	ALT1	EB	NT	Ramp	0.03	0.04	0.54	0.18	276	208	0.0039	0.0036	0.0008	0.0000	0.0012	0.0026	0.0001	0.0001	0.0000	0.0031	0.0158
84	2045	ALT1	EB	NT	Ramp	0.03	0.05	1.03	0.15	388	263	0.0030	0.0028	0.0011	0.0001	0.0006	0.0016	0.0002	0.0002	0.0000	0.0013	0.0065
85	2045	ALT1	EB	NT	Ramp	0.13	0.18	3.63	0.75	1491	1060	0.0160	0.0148	0.0040	0.0002	0.0040	0.0092	0.0008	0.0005	0.0001	0.0107	0.0479
86	2045	ALT1	EB	NT	Ramp	0.16	0.21	3.53	0.88	1630	1180	0.0192	0.0177	0.0046	0.0002	0.0056	0.0125	0.0009	0.0006	0.0001	0.0131	0.0692
87	2045	ALT1	EB	NT	Ramp	0.05	0.08	1.11	0.21	525	363	0.0051	0.0047	0.0017	0.0001	0.0014	0.0034	0.0003	0.0002	0.0000	0.0023	0.0169
88	2045	ALT1	EB	NT	Ramp	0.05	0.06	0.98	0.31	498	374	0.0070	0.0064	0.0014	0.0000	0.0022	0.0047	0.0002	0.0001	0.0000	0.0054	0.0279
89	2045	ALT1	EB	NT	Ramp	0.03	0.04	0.51	0.11	249	175	0.0026	0.0024	0.0008	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0014	0.0099
90	2045	ALT1	EB	NT	Ramp	0.08	0.11	1.29	0.39	702	516	0.0090	0.0083	0.0023	0.0001	0.0035	0.0076	0.0004	0.0003	0.0001	0.0060	0.0445
91	2045	ALT1	EB	NT	Ramp	0.08	0.10	1.59	0.45	766	566	0.0099	0.0092	0.0022	0.0001	0.0030	0.0066	0.0004	0.0002	0.0001	0.0074	0.0381
92	2045	ALT1	EB	NT	Ramp	0.11	0.15	1.85	0.45	959	685	0.0108	0.0099	0.0033	0.0001	0.0043	0.0095	0.0006	0.0004	0.0001	0.0060	0.0537
93	2045	ALT1	EB	NT	Ramp	3.15	3.73	29.81	27.59	27984	23924	0.6602	0.6076	0.0767	0.0009	0.2249	0.4563	0.0094	0.0031	0.0030	0.6348	3.0243
94	2045	ALT1	EB	NT	Ramp	0.32	0.41	7.21	1.93	3328	2446	0.0425	0.0392	0.0091	0.0003	0.0122	0.0268	0.0017	0.0010	0.0003	0.0317	0.1528
95	2045	ALT1	EB	NT	Ramp	0.07	0.09	1.87	0.36	767	539	0.0076	0.0070	0.0021	0.0001	0.0019	0.0045	0.0004	0.0003	0.0001	0.0045	0.0225
96	2045	ALT1	EB	NT	Ramp	0.07	0.10	2.19	0.40	851	595	0.0082	0.0076	0.0023	0.0001	0.0019	0.0045	0.0005	0.0003	0.0001	0.0051	0.0218
97	2045	ALT1	EB	NT	Ramp	0.05	0.06	0.52	0.38	412	342	0.0086	0.0080	0.0012	0.0000	0.0030	0.0062	0.0002	0.0001	0.0000	0.0081	0.0406
98	2045	ALT1	EB	NT	Ramp	0.04	0.05	0.85	0.27	427	320	0.0060	0.0055	0.0012	0.0000	0.0019	0.0040	0.0002	0.0001	0.0000	0.0047	0.0237
99	2045	ALT1	EB	NT	Ramp	0.12	0.16	3.00	0.68	1283	924	0.0148	0.0137	0.0035	0.0001	0.0039	0.0088	0.0007	0.0004	0.0001	0.0104	0.0475
100	2045	ALT1	EB	NT	Ramp	0.11	0.14	2.76	0.57	1164	826	0.0122	0.0113	0.0032	0.0001	0.0032	0.0074	0.0006	0.0004	0.0001	0.0077	0.0387
101	2045	ALT1	EB	NT	Ramp	0.04	0.05	0.83	0.23	383	284	0.0052	0.0048	0.0010	0.0000	0.0014	0.0031	0.0002	0.0001	0.0000	0.0041	0.0176
102	2045	ALT1	EB	NT	Ramp	0.03	0.04	0.83	0.18	356	255	0.0039	0.0036	0.0010	0.0000	0.0011	0.0024	0.0002	0.0001	0.0000	0.0026	0.0128
103	2045	ALT1	EB	NT	Ramp	0.03	0.03	0.80	0.12	297	204	0.0025	0.0023	0.0008	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0013	0.0055
104	2045	ALT1	EB	NT	Ramp	0.06	0.09	1.43	0.24	645	441	0.0058	0.0054	0.0020	0.0001	0.0013	0.0033	0.0004	0.0003	0.0001	0.0024	0.0146
105	2045	ALT1	EB	NT	Ramp	0.04	0.06	1.22	0.21	486	336	0.0043	0.0040	0.0014	0.0001	0.0010	0.0025	0.0003	0.0002	0.0000	0.0023	0.0114
106	2045	ALT1	EB	NT	Ramp	0.01	0.01	0.23	0.03	102	69	0.0008	0.0008	0.0003	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0002	0.0017
107	2045	ALT1	EB	NT	Ramp	0.09	0.13	2.42	0.46	1024	716	0.0099	0.0092	0.0029	0.0001	0.0025	0.0060	0.0006	0.0004	0.0001	0.0055	0.0295
108	2045	ALT1	EB	NT	Ramp	0.08	0.11	1.78	0.25	790	530	0.0065	0.0060	0.0025	0.0001	0.0013	0.0034	0.0005	0.0004	0.0001	0.0019	0.0130
109	2045	ALT1	EB	NT	Ramp	0.07	0.10	1.92	0.35	784	546	0.0074	0.0068	0.0022	0.0001	0.0018	0.0043	0.0004	0.0003	0.0001	0.0041	0.0208
110	2045	ALT1	EB	NT	Ramp	0.07	0.10	1.60	0.26	719	492	0.0065	0.0060	0.0022	0.0001	0.0015	0.0037	0.0005	0.0003	0.0001	0.0026	0.0160
111	2045	ALT1	EB	NT	Ramp	0.02	0.03	0.61	0.12	241	170	0.0024	0.0023	0.0006	0.0000	0.0006	0.0014	0.0001	0.0001	0.0000	0.0016	0.0068
112	2045	ALT1	EB	NT	Ramp	0.11	0.15	2.37	0.42	1095	754	0.0103	0.0096	0.0034	0.0002	0.0026	0.0063	0.0007	0.0005	0.0001	0.0046	0.0293
113	2045	ALT1	EB	NT	Ramp	0.05	0.08	1.61	0.23	623	422	0.0049	0.0045	0.0018	0.0001	0.0010	0.0026	0.0004	0.0003	0.0000	0.0019	0.0101
114	2045	ALT1	EB	NT	Ramp	0.07	0.10	1.60	0.24	715	482	0.0060	0.0056	0.0022	0.0001	0.0013	0.0033	0.0005	0.0004	0.0001	0.0020	0.0134
115	2045	ALT1	EB	NT	Ramp																	
116	2045	ALT1	EB	NT	Ramp	0.02	0.03	0.53	0.07	226	150	0.0017	0.0016	0.0007	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0004	0.0025
117	2045	ALT1	EB	NT	Ramp	0.05	0.07	1.26	0.23	524	365	0.0050	0.0046	0.0015	0.0001	0.0012	0.0030	0.0003	0.0002	0.0000	0.0028	0.0144
118	2045	ALT1	EB	NT	Ramp	0.03	0.04	0.76	0.11	331	223	0.0027	0.0025	0.0010	0.0000	0.0005	0.0014	0.0002	0.0002	0.0000	0.0009	0.0052
119	2045	ALT1	EB	NT	Ramp	0.05	0.07	1.42	0.21	547	372	0.0044	0.0040	0.0015	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0019	0.0096
120	2045	ALT1	EB	NT	Ramp	0.03	0.04	0.66	0.10	291	197	0.0025	0.0023	0.0009	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0008	0.0050
121	2045	ALT1	EB	NT	Ramp	0.05	0.07	1.30	0.30	554	401	0.0066	0.0061	0.0015	0.0001	0.0017	0.0038	0.0003	0.0002	0.0000	0.0048	0.0208
122	2045	ALT1	EB	NT	Ramp	0.91	1.21	24.04	5.12	10048	7172	0.1101	0.1016	0.0273	0.0011	0.0283	0.0646	0.0053	0.0032	0.0008	0.0743	0.3405
123	2045	ALT1	EB	NT	Ramp	0.71	0.94	17.92	4.22	7771	5624	0.0925	0.0853	0.0210	0.0008	0.0246	0.0550	0.0040	0.0024	0.0006	0.0664	0.3014
124	2045	ALT1	EB	NT	Ramp	0.06	0.08	1.24	0.26	584	410	0.0061	0.0056	0.0018	0.0001	0.0016	0.0037	0.0004	0.0003	0.0000	0.0032	0.0189
125	2045	ALT1	EB	NT	Ramp	0.00	0.01	0.11	0.03	51	37	0.0006	0.0006	0.0001	0.0000	0.0002	0.0004	0.0000	0.0000	0.0000	0.0005	0.0023
126	2045	ALT1	EB	NT	Ramp	0.04	0.05	0.79	0.13	365	249	0.0033	0.0031	0.0012	0.0001	0.0009	0.0021	0.0002	0.0002	0.0000	0.0013	0.0096
127	2045	ALT1	EB	NT	Ramp	0.13	0.19	3.13	0.57	1403	970	0.0133	0.0123	0.0042	0.0002	0.0032	0.0077	0.0009	0.0006	0.0001	0.0063	0.0362

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
128	2045	ALT1	EB	NT	Ramp	0.02	0.02	0.41	0.05	175	115	0.0012	0.0012	0.0005	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0002	0.0011
129	2045	ALT1	EB	NT	Ramp	0.08	0.11	2.18	0.42	886	624	0.0089	0.0082	0.0024	0.0001	0.0022	0.0052	0.0005	0.0003	0.0001	0.0055	0.0262
130	2045	ALT1	EB	NT	Ramp	0.06	0.09	2.00	0.28	750	507	0.0057	0.0053	0.0021	0.0001	0.0011	0.0030	0.0004	0.0003	0.0001	0.0024	0.0116
131	2045	ALT1	EB	NT	Ramp	0.10	0.14	2.58	0.61	1127	816	0.0134	0.0123	0.0031	0.0001	0.0036	0.0081	0.0006	0.0003	0.0001	0.0096	0.0446
132	2045	ALT1	EB	NT	Ramp	0.05	0.07	1.57	0.21	581	390	0.0042	0.0039	0.0016	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0015	0.0076
133	2045	ALT1	EB	NT	Ramp	0.14	0.19	3.93	0.68	1553	1078	0.0142	0.0131	0.0043	0.0002	0.0034	0.0081	0.0009	0.0006	0.0001	0.0079	0.0384
134	2045	ALT1	EB	NT	Ramp	0.27	0.37	7.86	1.28	3058	2105	0.0264	0.0244	0.0084	0.0004	0.0060	0.0148	0.0017	0.0012	0.0002	0.0135	0.0666
135	2045	ALT1	EB	NT	Ramp	0.10	0.14	2.85	0.54	1158	813	0.0114	0.0105	0.0032	0.0001	0.0029	0.0067	0.0006	0.0004	0.0001	0.0069	0.0334
136	2045	ALT1	EB	NT	Ramp	0.03	0.04	0.64	0.08	279	186	0.0022	0.0020	0.0009	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0005	0.0035
137	2045	ALT1	EB	NT	Ramp	0.80	1.03	14.81	5.44	7950	6086	0.1217	0.1121	0.0222	0.0007	0.0389	0.0825	0.0037	0.0020	0.0007	0.1000	0.5028
138	2045	ALT1	EB	NT	Ramp	0.04	0.05	0.96	0.15	398	273	0.0035	0.0032	0.0012	0.0001	0.0008	0.0019	0.0002	0.0002	0.0000	0.0015	0.0085
139	2045	ALT1	EB	NT	Ramp	0.06	0.09	1.43	0.19	625	418	0.0050	0.0046	0.0019	0.0001	0.0009	0.0025	0.0004	0.0003	0.0001	0.0013	0.0090
140	2045	ALT1	EB	NT	Ramp	0.13	0.18	3.43	0.47	1393	936	0.0108	0.0100	0.0041	0.0002	0.0020	0.0054	0.0009	0.0006	0.0001	0.0035	0.0195
141	2045	ALT1	EB	NT	Ramp	0.02	0.03	0.64	0.08	230	153	0.0015	0.0014	0.0006	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0004	0.0021
142	2045	ALT1	EB	NT	Ramp	0.04	0.05	1.31	0.16	462	308	0.0031	0.0028	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0010	0.0045
143	2045	ALT1	EB	NT	Ramp	0.04	0.06	1.39	0.17	498	331	0.0032	0.0030	0.0014	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0009	0.0042
144	2045	ALT1	EB	NT	HOV	0.10	0.13	2.49	0.29	966	628	0.0041	0.0038	0.0032	0.0002	0.0006	0.0025	0.0007	0.0003	0.0000	0.0004	0.0007
145	2045	ALT1	EB	NT	HOV	0.26	0.34	6.58	0.77	2548	1656	0.0109	0.0101	0.0085	0.0005	0.0017	0.0065	0.0019	0.0009	0.0001	0.0010	0.0019
146	2045	ALT1	EB	NT	HOV	0.01	0.01	0.28	0.03	110	71	0.0005	0.0004	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
147	2045	ALT1	EB	NT	HOV	0.22	0.29	5.57	0.65	2155	1401	0.0092	0.0085	0.0072	0.0004	0.0014	0.0055	0.0016	0.0007	0.0001	0.0009	0.0016
148	2045	ALT1	EB	NT	HOV	0.08	0.11	2.02	0.24	783	509	0.0033	0.0031	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0006
149	2045	ALT1	EB	NT	HOV	0.14	0.19	3.60	0.42	1387	902	0.0059	0.0055	0.0046	0.0002	0.0009	0.0035	0.0011	0.0005	0.0001	0.0006	0.0010
150	2045	ALT1	EB	NT	HOV	0.20	0.26	5.02	0.59	1934	1257	0.0083	0.0077	0.0064	0.0003	0.0013	0.0049	0.0015	0.0007	0.0001	0.0008	0.0015
151	2045	ALT1	EB	NT	HOV	0.27	0.35	6.78	0.79	2611	1698	0.0112	0.0103	0.0086	0.0005	0.0017	0.0066	0.0020	0.0009	0.0001	0.0011	0.0020
152	2045	ALT1	EB	NT	HOV	0.21	0.28	5.38	0.63	2071	1346	0.0088	0.0082	0.0068	0.0004	0.0013	0.0052	0.0016	0.0007	0.0001	0.0009	0.0016
153	2045	ALT1	EB	NT	HOV	0.10	0.13	2.40	0.28	931	606	0.0040	0.0037	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0007
154	2045	ALT1	EB	NT	HOV	0.19	0.24	4.58	0.53	1781	1158	0.0076	0.0071	0.0060	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0007	0.0013
155	2045	ALT1	EB	NT	HOV	0.14	0.18	3.40	0.40	1323	860	0.0057	0.0052	0.0044	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0005	0.0010
156	2045	ALT1	EB	NT	HOV	0.11	0.14	2.68	0.31	1041	677	0.0044	0.0041	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0008
157	2045	ALT1	EB	NT	HOV	0.19	0.25	4.71	0.55	1832	1191	0.0078	0.0073	0.0061	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0014
158	2045	ALT1	EB	NT	HOV	0.22	0.29	5.43	0.63	2111	1373	0.0090	0.0084	0.0071	0.0004	0.0014	0.0054	0.0016	0.0007	0.0001	0.0009	0.0016
159	2045	ALT1	EB	NT	HOV	0.12	0.16	3.43	0.39	1257	817	0.0054	0.0050	0.0039	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0010
160	2045	ALT1	EB	NT	HOV	0.23	0.30	6.39	0.73	2343	1523	0.0100	0.0093	0.0073	0.0004	0.0014	0.0056	0.0017	0.0008	0.0001	0.0009	0.0019
161	2045	ALT1	EB	NT	HOV																	
162	2045	ALT1	EB	NT	HOV																	
163	2045	ALT1	EB	NT	HOV																	
164	2045	ALT1	EB	NT	HOV																	
165	2045	ALT1	EB	NT	HOV																	
166	2045	ALT1	EB	NT	HOV																	
167	2045	ALT1	EB	NT	HOV																	
168	2045	ALT1	EB	NT	HOV																	
169	2045	ALT1	EB	NT	HOV																	
170	2045	ALT1	EB	NT	HOV																	
171	2045	ALT1	EB	NT	HOV																	
172	2045	ALT1	EB	NT	HOV																	
173	2045	ALT1	EB	NT	HOV																	
174	2045	ALT1	EB	NT	HOV																	
175	2045	ALT1	EB	NT	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
176	2045	ALT1	EB	NT	HOV																	
177	2045	ALT1	EB	NT	HOV																	
178	2045	ALT1	EB	NT	HOV																	
179	2045	ALT1	EB	NT	HOV																	
180	2045	ALT1	EB	NT	HOV																	
181	2045	ALT1	EB	NT	HOV																	
182	2045	ALT1	EB	NT	HOV																	
183	2045	ALT1	EB	NT	HOV																	
184	2045	ALT1	EB	NT	HOV																	
185	2045	ALT1	EB	NT	HOV																	
186	2045	ALT1	EB	NT	HOV																	
187	2045	ALT1	EB	NT	HOV																	
188	2045	ALT1	EB	NT	HOV																	
189	2045	ALT1	EB	NT	HOV																	
190	2045	ALT1	EB	NT	HOV																	
191	2045	ALT1	EB	NT	HOV																	
192	2045	ALT1	EB	NT	HOV																	
193	2045	ALT1	EB	NT	HOV																	
194	2045	ALT1	EB	NT	HOV																	
195	2045	ALT1	EB	NT	HOV																	
196	2045	ALT1	EB	NT	HOV																	
197	2045	ALT1	EB	NT	HOV																	
198	2045	ALT1	EB	NT	HOV																	
199	2045	ALT1	EB	NT	HOV																	
200	2045	ALT1	EB	NT	HOV																	
201	2045	ALT1	EB	NT	HOV																	
202	2045	ALT1	EB	NT	HOV																	
203	2045	ALT1	EB	NT	HOV																	
204	2045	ALT1	EB	NT	HOV																	
205	2045	ALT1	EB	NT	HOV																	
206	2045	ALT1	EB	NT	HOV																	
207	2045	ALT1	EB	NT	HOV																	
208	2045	ALT1	EB	NT	HOV																	
209	2045	ALT1	EB	NT	HOV																	
210	2045	ALT1	EB	NT	HOV																	
211	2045	ALT1	EB	NT	HOV																	
212	2045	ALT1	EB	NT	HOV																	
213	2045	ALT1	EB	NT	HOV																	
214	2045	ALT1	EB	NT	HOV																	
215	2045	ALT1	EB	NT	HOV																	
216	2045	ALT1	WB	AM	Mainline	0.98	1.27	26.13	4.63	10609	7308	0.1139	0.1051	0.0303	0.0015	0.0162	0.0426	0.0065	0.0032	0.0008	0.0792	0.1542
217	2045	ALT1	WB	AM	Mainline	1.71	2.22	46.28	8.37	18757	12977	0.2070	0.1909	0.0527	0.0025	0.0302	0.0780	0.0113	0.0055	0.0014	0.1463	0.2986
218	2045	ALT1	WB	AM	Mainline	1.24	1.63	37.05	6.05	14085	9660	0.1325	0.1223	0.0385	0.0018	0.0213	0.0556	0.0083	0.0043	0.0009	0.0848	0.2083
219	2045	ALT1	WB	AM	Mainline	2.07	2.83	64.00	9.95	23952	16418	0.1997	0.1845	0.0649	0.0030	0.0428	0.1070	0.0136	0.0087	0.0017	0.1026	0.4588
220	2045	ALT1	WB	AM	Mainline	0.96	1.28	30.36	4.82	11211	7681	0.0992	0.0915	0.0301	0.0014	0.0174	0.0450	0.0064	0.0035	0.0007	0.0598	0.1753
221	2045	ALT1	WB	AM	Mainline	1.07	1.48	32.60	5.01	12338	8437	0.1014	0.0937	0.0338	0.0016	0.0219	0.0550	0.0071	0.0047	0.0009	0.0492	0.2336
222	2045	ALT1	WB	AM	Mainline	0.98	1.30	31.05	4.87	11391	7802	0.0988	0.0912	0.0305	0.0014	0.0180	0.0462	0.0065	0.0037	0.0008	0.0581	0.1826
223	2045	ALT1	WB	AM	Mainline	0.50	0.68	16.17	2.44	5892	4027	0.0481	0.0444	0.0158	0.0007	0.0097	0.0247	0.0033	0.0020	0.0004	0.0252	0.1012

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
224	2045	ALT1	WB	AM	Mainline	0.54	0.72	16.75	2.37	6118	4113	0.0461	0.0426	0.0171	0.0009	0.0070	0.0200	0.0038	0.0020	0.0004	0.0242	0.0577
225	2045	ALT1	WB	AM	Mainline	0.35	0.46	10.59	1.52	3925	2640	0.0303	0.0279	0.0111	0.0006	0.0045	0.0129	0.0024	0.0012	0.0002	0.0163	0.0367
226	2045	ALT1	WB	AM	Mainline	1.71	2.22	44.53	6.74	17707	11905	0.1463	0.1351	0.0539	0.0028	0.0200	0.0591	0.0120	0.0056	0.0011	0.0840	0.1475
227	2045	ALT1	WB	AM	Mainline	0.67	0.87	17.27	2.56	6875	4607	0.0545	0.0503	0.0212	0.0011	0.0074	0.0224	0.0047	0.0022	0.0004	0.0300	0.0515
228	2045	ALT1	WB	AM	Mainline	0.36	0.47	9.29	1.38	3704	2482	0.0294	0.0272	0.0114	0.0006	0.0040	0.0121	0.0026	0.0012	0.0002	0.0163	0.0278
229	2045	ALT1	WB	AM	Mainline	1.94	2.61	64.02	8.92	22702	15281	0.1666	0.1538	0.0616	0.0031	0.0273	0.0761	0.0135	0.0075	0.0014	0.0827	0.2383
230	2045	ALT1	WB	AM	Mainline	0.50	0.65	14.17	2.10	5418	3645	0.0433	0.0400	0.0157	0.0008	0.0062	0.0180	0.0035	0.0017	0.0003	0.0242	0.0487
231	2045	ALT1	WB	AM	Mainline	0.50	0.66	15.37	2.23	5645	3809	0.0444	0.0410	0.0157	0.0008	0.0068	0.0192	0.0034	0.0018	0.0003	0.0243	0.0586
232	2045	ALT1	WB	AM	Mainline	0.54	0.70	14.91	2.26	5779	3896	0.0480	0.0443	0.0169	0.0009	0.0068	0.0195	0.0037	0.0018	0.0004	0.0278	0.0540
233	2045	ALT1	WB	AM	Mainline	1.75	2.38	58.57	8.20	20725	14018	0.1550	0.1432	0.0554	0.0027	0.0286	0.0762	0.0119	0.0072	0.0013	0.0743	0.2755
234	2045	ALT1	WB	AM	Mainline	0.26	0.35	8.33	1.22	3032	2050	0.0240	0.0221	0.0083	0.0004	0.0038	0.0106	0.0018	0.0010	0.0002	0.0131	0.0343
235	2045	ALT1	WB	AM	Mainline	1.08	1.47	36.19	5.10	12806	8668	0.0966	0.0893	0.0342	0.0017	0.0177	0.0472	0.0074	0.0044	0.0008	0.0474	0.1711
236	2045	ALT1	WB	AM	Mainline	0.66	0.88	20.49	3.06	7557	5120	0.0620	0.0572	0.0208	0.0010	0.0098	0.0268	0.0045	0.0024	0.0005	0.0353	0.0879
237	2045	ALT1	WB	AM	Mainline	1.22	1.58	31.45	5.01	12684	8586	0.1154	0.1065	0.0382	0.0019	0.0157	0.0447	0.0085	0.0040	0.0009	0.0716	0.1258
238	2045	ALT1	WB	AM	Mainline	0.37	0.49	9.88	1.56	3939	2667	0.0354	0.0327	0.0117	0.0006	0.0049	0.0139	0.0026	0.0012	0.0003	0.0218	0.0398
239	2045	ALT1	WB	AM	Mainline	0.33	0.43	8.80	1.39	3491	2363	0.0311	0.0287	0.0103	0.0005	0.0043	0.0122	0.0023	0.0011	0.0002	0.0191	0.0353
240	2045	ALT1	WB	AM	Mainline	0.41	0.53	10.92	1.69	4300	2904	0.0370	0.0342	0.0127	0.0006	0.0051	0.0148	0.0028	0.0013	0.0003	0.0221	0.0411
241	2045	ALT1	WB	AM	Mainline	1.44	1.89	40.58	6.26	15682	10611	0.1349	0.1245	0.0452	0.0023	0.0194	0.0546	0.0100	0.0049	0.0010	0.0804	0.1624
242	2045	ALT1	WB	AM	Mainline	0.11	0.14	2.75	0.43	1100	743	0.0096	0.0089	0.0033	0.0002	0.0013	0.0038	0.0007	0.0003	0.0001	0.0058	0.0103
243	2045	ALT1	WB	AM	Mainline	1.24	1.62	35.03	5.41	13504	9143	0.1165	0.1075	0.0388	0.0019	0.0169	0.0473	0.0085	0.0042	0.0009	0.0697	0.1428
244	2045	ALT1	WB	AM	Mainline	0.20	0.26	5.14	0.81	2070	1399	0.0185	0.0171	0.0063	0.0003	0.0025	0.0072	0.0014	0.0006	0.0001	0.0113	0.0198
245	2045	ALT1	WB	AM	Mainline	1.17	1.53	33.05	5.13	12756	8643	0.1111	0.1025	0.0366	0.0018	0.0161	0.0449	0.0080	0.0040	0.0008	0.0669	0.1373
246	2045	ALT1	WB	AM	Mainline	0.95	1.24	25.04	3.93	9998	6758	0.0884	0.0816	0.0300	0.0015	0.0121	0.0348	0.0066	0.0031	0.0007	0.0537	0.0965
247	2045	ALT1	WB	AM	Mainline	1.19	1.56	33.79	5.23	13021	8822	0.1131	0.1044	0.0373	0.0019	0.0164	0.0458	0.0082	0.0041	0.0009	0.0680	0.1403
248	2045	ALT1	WB	AM	Mainline	0.39	0.51	10.22	1.60	4080	2757	0.0360	0.0332	0.0122	0.0006	0.0049	0.0142	0.0027	0.0013	0.0003	0.0218	0.0391
249	2045	ALT1	WB	AM	Mainline	1.28	1.66	32.24	5.14	13119	8874	0.1196	0.1103	0.0401	0.0020	0.0160	0.0461	0.0089	0.0041	0.0009	0.0742	0.1259
250	2045	ALT1	WB	AM	Mainline	1.97	2.56	52.00	8.19	20707	14009	0.1843	0.1701	0.0617	0.0031	0.0254	0.0724	0.0136	0.0065	0.0014	0.1127	0.2052
251	2045	ALT1	WB	AM	Mainline	1.46	1.91	41.83	6.44	16038	10863	0.1380	0.1274	0.0458	0.0023	0.0202	0.0563	0.0101	0.0050	0.0010	0.0824	0.1728
252	2045	ALT1	WB	AM	Mainline	1.22	1.59	33.48	5.17	13074	8833	0.1121	0.1034	0.0382	0.0019	0.0158	0.0449	0.0085	0.0041	0.0009	0.0667	0.1281
253	2045	ALT1	WB	AM	Mainline	0.87	1.14	23.98	3.70	9363	6326	0.0803	0.0741	0.0274	0.0014	0.0113	0.0322	0.0061	0.0029	0.0006	0.0477	0.0917
254	2045	ALT1	WB	AM	Mainline	0.84	1.10	23.11	3.57	9025	6098	0.0774	0.0714	0.0264	0.0013	0.0109	0.0310	0.0058	0.0028	0.0006	0.0460	0.0884
255	2045	ALT1	WB	AM	Mainline	1.40	1.85	42.40	6.37	15833	10720	0.1314	0.1213	0.0442	0.0022	0.0200	0.0554	0.0097	0.0050	0.0010	0.0761	0.1756
256	2045	ALT1	WB	AM	Mainline	0.91	1.19	25.24	3.87	9806	6623	0.0832	0.0768	0.0286	0.0014	0.0118	0.0336	0.0063	0.0031	0.0006	0.0491	0.0957
257	2045	ALT1	WB	AM	Mainline	1.10	1.46	33.99	5.03	12554	8491	0.1017	0.0939	0.0348	0.0017	0.0157	0.0436	0.0076	0.0040	0.0008	0.0574	0.1382
258	2045	ALT1	WB	AM	Mainline	1.09	1.42	29.17	4.46	11500	7752	0.0971	0.0896	0.0343	0.0017	0.0135	0.0390	0.0076	0.0036	0.0007	0.0569	0.1044
259	2045	ALT1	WB	AM	Mainline	1.64	2.13	42.62	6.55	17019	11467	0.1452	0.1340	0.0516	0.0026	0.0198	0.0578	0.0115	0.0054	0.0011	0.0856	0.1504
260	2045	ALT1	WB	AM	Mainline	1.02	1.34	28.29	4.28	10981	7401	0.0909	0.0839	0.0322	0.0016	0.0128	0.0369	0.0071	0.0035	0.0007	0.0524	0.1010
261	2045	ALT1	WB	AM	Mainline	1.23	1.61	35.42	5.27	13462	9075	0.1092	0.1008	0.0387	0.0019	0.0159	0.0453	0.0085	0.0043	0.0009	0.0618	0.1289
262	2045	ALT1	WB	AM	Mainline	3.29	4.31	92.21	13.78	35502	23901	0.2877	0.2656	0.1037	0.0053	0.0409	0.1183	0.0230	0.0112	0.0023	0.1629	0.3205
263	2045	ALT1	WB	AM	Mainline	1.53	2.03	48.80	6.91	17577	11837	0.1322	0.1221	0.0483	0.0024	0.0210	0.0589	0.0106	0.0057	0.0011	0.0684	0.1806
264	2045	ALT1	WB	AM	Mainline	0.68	0.95	22.48	3.02	8054	5423	0.0580	0.0536	0.0218	0.0011	0.0109	0.0294	0.0047	0.0031	0.0005	0.0236	0.1044
265	2045	ALT1	WB	AM	Mainline	0.31	0.42	10.07	1.44	3636	2454	0.0279	0.0258	0.0099	0.0005	0.0045	0.0125	0.0022	0.0012	0.0002	0.0148	0.0396
266	2045	ALT1	WB	AM	Mainline	1.12	1.49	34.87	5.07	12776	8625	0.1006	0.0929	0.0354	0.0018	0.0157	0.0437	0.0077	0.0041	0.0008	0.0551	0.1357
267	2045	ALT1	WB	AM	Mainline	0.33	0.45	11.29	1.55	3964	2671	0.0288	0.0266	0.0106	0.0005	0.0050	0.0137	0.0023	0.0014	0.0002	0.0137	0.0460
268	2045	ALT1	WB	AM	Mainline	0.07	0.09	1.75	0.26	688	463	0.0057	0.0053	0.0021	0.0001	0.0008	0.0023	0.0005	0.0002	0.0000	0.0033	0.0059
269	2045	ALT1	WB	AM	Mainline	1.46	1.97	48.93	6.78	17229	11619	0.1266	0.1170	0.0462	0.0023	0.0221	0.0601	0.0100	0.0058	0.0011	0.0612	0.2028
270	2045	ALT1	WB	AM	Mainline	0.68	0.93	22.75	3.15	8051	5439	0.0595	0.0550	0.0216	0.0010	0.0110	0.0295	0.0046	0.0028	0.0005	0.0276	0.1062
271	2045	ALT1	WB	AM	Mainline	0.84	1.12	26.24	4.01	9679	6586	0.0821	0.0758	0.0264	0.0013	0.0135	0.0359	0.0057	0.0031	0.0006	0.0480	0.1270

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
272	2045	ALT1	WB	AM	Mainline	0.60	0.80	19.00	2.90	6957	4738	0.0586	0.0541	0.0188	0.0009	0.0099	0.0262	0.0040	0.0022	0.0005	0.0339	0.0953
273	2045	ALT1	WB	AM	Mainline	0.63	0.82	17.73	2.84	6891	4692	0.0633	0.0584	0.0196	0.0010	0.0093	0.0253	0.0043	0.0021	0.0005	0.0398	0.0829
274	2045	ALT1	WB	AM	Mainline	0.73	0.95	19.88	3.26	7880	5369	0.0748	0.0690	0.0228	0.0011	0.0106	0.0290	0.0050	0.0024	0.0005	0.0481	0.0936
275	2045	ALT1	WB	AM	Mainline	1.32	1.70	32.01	5.39	13371	9099	0.1343	0.1239	0.0411	0.0021	0.0176	0.0494	0.0091	0.0041	0.0009	0.0889	0.1445
276	2045	ALT1	WB	AM	Mainline	0.37	0.48	8.69	1.46	3679	2502	0.0374	0.0345	0.0115	0.0006	0.0048	0.0136	0.0026	0.0011	0.0003	0.0249	0.0386
277	2045	ALT1	WB	AM	Mainline	0.77	0.99	18.83	3.21	7867	5364	0.0806	0.0744	0.0240	0.0012	0.0106	0.0294	0.0053	0.0024	0.0006	0.0541	0.0888
278	2045	ALT1	WB	AM	Mainline	0.41	0.53	10.14	1.75	4237	2896	0.0444	0.0409	0.0128	0.0006	0.0058	0.0161	0.0028	0.0013	0.0003	0.0302	0.0504
279	2045	ALT1	WB	AM	Mainline	0.73	0.95	20.10	3.36	7974	5455	0.0785	0.0724	0.0228	0.0011	0.0113	0.0304	0.0050	0.0024	0.0006	0.0517	0.1038
280	2045	ALT1	WB	AM	Mainline	0.75	0.97	19.33	3.33	7919	5423	0.0821	0.0757	0.0233	0.0012	0.0112	0.0304	0.0051	0.0024	0.0006	0.0557	0.1007
281	2045	ALT1	WB	AM	Mainline	0.53	0.70	15.35	2.49	5928	4050	0.0556	0.0513	0.0166	0.0008	0.0084	0.0224	0.0036	0.0018	0.0004	0.0356	0.0781
282	2045	ALT1	WB	AM	Mainline	0.79	1.03	21.48	3.60	8569	5859	0.0846	0.0781	0.0246	0.0012	0.0120	0.0325	0.0054	0.0026	0.0006	0.0559	0.1092
283	2045	ALT1	WB	AM	Mainline	0.74	0.96	21.23	3.42	8189	5589	0.0760	0.0702	0.0230	0.0011	0.0114	0.0307	0.0050	0.0025	0.0005	0.0482	0.1055
284	2045	ALT1	WB	AM	Mainline	0.90	1.19	27.82	4.30	10309	7026	0.0890	0.0821	0.0281	0.0014	0.0146	0.0388	0.0061	0.0032	0.0007	0.0529	0.1389
285	2045	ALT1	WB	AM	Mainline	0.66	0.87	19.16	2.99	7338	4985	0.0648	0.0598	0.0208	0.0010	0.0096	0.0264	0.0045	0.0023	0.0005	0.0396	0.0853
286	2045	ALT1	WB	AM	Mainline	0.58	0.77	18.08	2.71	6634	4501	0.0546	0.0504	0.0181	0.0009	0.0088	0.0239	0.0039	0.0021	0.0004	0.0310	0.0813
287	2045	ALT1	WB	AM	Mainline	1.06	1.38	29.87	4.70	11569	7855	0.1032	0.0953	0.0331	0.0016	0.0150	0.0415	0.0073	0.0036	0.0008	0.0634	0.1308
288	2045	ALT1	WB	AM	Mainline	0.12	0.15	3.13	0.49	1240	840	0.0111	0.0102	0.0037	0.0002	0.0015	0.0044	0.0008	0.0004	0.0001	0.0068	0.0126
289	2045	ALT1	WB	AM	Mainline	1.14	1.50	33.49	5.11	12673	8588	0.1078	0.0995	0.0357	0.0018	0.0162	0.0447	0.0078	0.0040	0.0008	0.0638	0.1411
290	2045	ALT1	WB	AM	Ramp	0.12	0.17	4.10	0.47	1436	948	0.0088	0.0081	0.0039	0.0002	0.0013	0.0040	0.0009	0.0006	0.0001	0.0020	0.0094
291	2045	ALT1	WB	AM	Ramp	0.04	0.05	1.20	0.13	436	286	0.0027	0.0025	0.0012	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0004	0.0021
292	2045	ALT1	WB	AM	Ramp	0.02	0.03	0.78	0.08	271	178	0.0016	0.0015	0.0007	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0003	0.0012
293	2045	ALT1	WB	AM	Ramp	0.13	0.19	2.16	0.25	1179	773	0.0102	0.0095	0.0044	0.0002	0.0016	0.0048	0.0009	0.0008	0.0001	0.0009	0.0137
294	2045	ALT1	WB	AM	Ramp	0.05	0.07	1.31	0.15	535	353	0.0037	0.0035	0.0016	0.0001	0.0005	0.0016	0.0004	0.0003	0.0000	0.0006	0.0033
295	2045	ALT1	WB	AM	Ramp	0.08	0.12	1.53	0.19	772	510	0.0065	0.0060	0.0027	0.0001	0.0013	0.0036	0.0006	0.0005	0.0001	0.0010	0.0130
296	2045	ALT1	WB	AM	Ramp	0.04	0.06	0.92	0.12	435	289	0.0035	0.0033	0.0015	0.0001	0.0007	0.0019	0.0003	0.0003	0.0000	0.0006	0.0066
297	2045	ALT1	WB	AM	Ramp	1.08	1.48	23.58	5.14	11005	7791	0.1175	0.1085	0.0328	0.0014	0.0323	0.0745	0.0064	0.0045	0.0009	0.0677	0.3874
298	2045	ALT1	WB	AM	Ramp	0.00	0.01	0.15	0.02	56	37	0.0003	0.0003	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002
299	2045	ALT1	WB	AM	Ramp	0.04	0.06	1.40	0.15	503	331	0.0031	0.0028	0.0014	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0005	0.0025
300	2045	ALT1	WB	AM	Ramp	0.35	0.51	11.91	1.28	4230	2776	0.0252	0.0234	0.0117	0.0006	0.0032	0.0109	0.0026	0.0019	0.0003	0.0041	0.0196
301	2045	ALT1	WB	AM	Ramp	0.09	0.14	1.98	0.27	929	620	0.0077	0.0071	0.0031	0.0001	0.0017	0.0044	0.0007	0.0005	0.0001	0.0018	0.0173
302	2045	ALT1	WB	AM	Ramp	0.05	0.08	1.22	0.13	565	370	0.0043	0.0040	0.0019	0.0001	0.0006	0.0018	0.0004	0.0003	0.0000	0.0004	0.0041
303	2045	ALT1	WB	AM	Ramp	0.02	0.02	0.46	0.08	186	128	0.0016	0.0015	0.0005	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0008	0.0041
304	2045	ALT1	WB	AM	Ramp	0.07	0.10	1.26	0.15	641	421	0.0053	0.0049	0.0023	0.0001	0.0009	0.0026	0.0005	0.0004	0.0001	0.0006	0.0077
305	2045	ALT1	WB	AM	Ramp	0.03	0.05	0.91	0.13	360	243	0.0028	0.0026	0.0010	0.0000	0.0006	0.0015	0.0002	0.0002	0.0000	0.0011	0.0057
306	2045	ALT1	WB	AM	Ramp	0.07	0.11	1.57	0.16	744	485	0.0056	0.0052	0.0025	0.0001	0.0006	0.0021	0.0005	0.0005	0.0001	0.0004	0.0033
307	2045	ALT1	WB	AM	Ramp	0.05	0.07	0.85	0.11	427	284	0.0037	0.0034	0.0015	0.0001	0.0008	0.0022	0.0003	0.0003	0.0000	0.0007	0.0087
308	2045	ALT1	WB	AM	Ramp	0.09	0.14	1.84	0.22	905	597	0.0074	0.0069	0.0031	0.0002	0.0013	0.0038	0.0007	0.0006	0.0001	0.0010	0.0125
309	2045	ALT1	WB	AM	Ramp	0.04	0.05	0.68	0.12	341	233	0.0032	0.0030	0.0012	0.0001	0.0011	0.0025	0.0002	0.0002	0.0000	0.0012	0.0128
310	2045	ALT1	WB	AM	Ramp	0.23	0.33	6.39	0.87	2558	1718	0.0196	0.0182	0.0074	0.0004	0.0036	0.0099	0.0016	0.0012	0.0002	0.0064	0.0352
311	2045	ALT1	WB	AM	Ramp	0.07	0.10	1.37	0.19	647	434	0.0055	0.0050	0.0022	0.0001	0.0013	0.0033	0.0005	0.0004	0.0001	0.0014	0.0136
312	2045	ALT1	WB	AM	Ramp	0.02	0.03	0.71	0.08	275	182	0.0019	0.0017	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0023
313	2045	ALT1	WB	AM	Ramp	0.18	0.25	5.88	0.73	2108	1406	0.0142	0.0131	0.0058	0.0003	0.0024	0.0069	0.0013	0.0009	0.0001	0.0045	0.0214
314	2045	ALT1	WB	AM	Ramp	0.04	0.06	1.19	0.13	485	319	0.0034	0.0031	0.0014	0.0001	0.0004	0.0014	0.0003	0.0003	0.0000	0.0005	0.0028
315	2045	ALT1	WB	AM	Ramp	0.06	0.09	1.48	0.19	646	429	0.0050	0.0046	0.0020	0.0001	0.0009	0.0024	0.0004	0.0003	0.0001	0.0011	0.0078
316	2045	ALT1	WB	AM	Ramp	0.03	0.05	0.94	0.10	375	247	0.0026	0.0024	0.0011	0.0001	0.0003	0.0011	0.0002	0.0002	0.0000	0.0004	0.0021
317	2045	ALT1	WB	AM	Ramp	0.04	0.06	0.96	0.13	435	291	0.0035	0.0033	0.0014	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0009	0.0072
318	2045	ALT1	WB	AM	Ramp	0.02	0.03	0.71	0.08	264	173	0.0017	0.0015	0.0007	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0003	0.0014
319	2045	ALT1	WB	AM	Ramp	0.08	0.11	1.85	0.22	804	531	0.0060	0.0056	0.0025	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0011	0.0076

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlyl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
320	2045	ALT1	WB	AM	Ramp	0.04	0.05	0.96	0.11	398	263	0.0029	0.0027	0.0012	0.0001	0.0004	0.0012	0.0003	0.0002	0.0000	0.0005	0.0030
321	2045	ALT1	WB	AM	Ramp	0.09	0.13	1.96	0.23	912	600	0.0071	0.0065	0.0030	0.0002	0.0011	0.0033	0.0007	0.0005	0.0001	0.0009	0.0090
322	2045	ALT1	WB	AM	Ramp	0.07	0.10	1.11	0.15	606	402	0.0054	0.0050	0.0023	0.0001	0.0013	0.0034	0.0005	0.0004	0.0001	0.0008	0.0135
323	2045	ALT1	WB	AM	Ramp	0.09	0.13	2.74	0.37	1035	696	0.0076	0.0071	0.0029	0.0001	0.0014	0.0039	0.0006	0.0004	0.0001	0.0027	0.0138
324	2045	ALT1	WB	AM	Ramp	0.02	0.03	0.67	0.09	257	173	0.0019	0.0018	0.0007	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0007	0.0037
325	2045	ALT1	WB	AM	Ramp	0.21	0.31	4.67	0.57	2143	1418	0.0168	0.0156	0.0070	0.0003	0.0030	0.0085	0.0015	0.0012	0.0002	0.0029	0.0272
326	2045	ALT1	WB	AM	Ramp	0.04	0.06	1.28	0.16	507	336	0.0036	0.0033	0.0015	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0009	0.0046
327	2045	ALT1	WB	AM	Ramp	0.13	0.19	2.59	0.31	1266	834	0.0103	0.0095	0.0044	0.0002	0.0018	0.0052	0.0009	0.0008	0.0001	0.0014	0.0166
328	2045	ALT1	WB	AM	Ramp	0.03	0.04	0.84	0.10	314	208	0.0021	0.0019	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0022
329	2045	ALT1	WB	AM	Ramp	0.07	0.10	1.74	0.20	757	499	0.0056	0.0052	0.0024	0.0001	0.0008	0.0025	0.0005	0.0004	0.0001	0.0009	0.0066
330	2045	ALT1	WB	AM	Ramp	0.02	0.02	0.47	0.06	178	120	0.0013	0.0012	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0022
331	2045	ALT1	WB	AM	Ramp	0.11	0.15	3.33	0.40	1243	826	0.0085	0.0078	0.0035	0.0002	0.0014	0.0040	0.0008	0.0005	0.0001	0.0023	0.0115
332	2045	ALT1	WB	AM	Ramp	0.03	0.04	0.84	0.11	300	202	0.0022	0.0020	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0009	0.0039
333	2045	ALT1	WB	AM	Ramp	0.06	0.09	2.02	0.25	739	492	0.0050	0.0046	0.0021	0.0001	0.0008	0.0024	0.0004	0.0003	0.0001	0.0014	0.0071
334	2045	ALT1	WB	AM	Ramp	0.04	0.06	1.36	0.19	513	345	0.0038	0.0035	0.0014	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0014	0.0072
335	2045	ALT1	WB	AM	Ramp	0.11	0.15	3.33	0.42	1256	837	0.0088	0.0081	0.0035	0.0002	0.0015	0.0042	0.0008	0.0006	0.0001	0.0025	0.0131
336	2045	ALT1	WB	AM	Ramp	0.09	0.13	2.58	0.40	1041	710	0.0087	0.0080	0.0030	0.0001	0.0019	0.0048	0.0006	0.0004	0.0001	0.0037	0.0200
337	2045	ALT1	WB	AM	Ramp	0.02	0.02	0.42	0.08	173	122	0.0018	0.0016	0.0005	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0011	0.0052
338	2045	ALT1	WB	AM	Ramp	0.03	0.04	0.81	0.13	320	220	0.0028	0.0025	0.0009	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0014	0.0069
339	2045	ALT1	WB	AM	Ramp	0.12	0.16	3.95	0.54	1386	933	0.0099	0.0092	0.0037	0.0002	0.0017	0.0047	0.0008	0.0005	0.0001	0.0047	0.0152
340	2045	ALT1	WB	AM	Ramp	0.49	0.71	14.90	1.86	5688	3790	0.0401	0.0371	0.0162	0.0008	0.0067	0.0192	0.0035	0.0026	0.0004	0.0112	0.0592
341	2045	ALT1	WB	AM	Ramp	0.40	0.57	10.79	1.50	4426	2979	0.0349	0.0323	0.0130	0.0006	0.0066	0.0177	0.0028	0.0021	0.0003	0.0116	0.0647
342	2045	ALT1	WB	AM	Ramp	0.09	0.13	2.32	0.30	974	650	0.0075	0.0070	0.0029	0.0001	0.0013	0.0036	0.0006	0.0005	0.0001	0.0020	0.0115
343	2045	ALT1	WB	AM	Ramp	0.04	0.06	0.67	0.16	351	250	0.0039	0.0036	0.0013	0.0000	0.0017	0.0037	0.0002	0.0002	0.0000	0.0021	0.0212
344	2045	ALT1	WB	AM	Ramp	0.08	0.11	1.98	0.26	828	553	0.0064	0.0059	0.0025	0.0001	0.0011	0.0030	0.0005	0.0004	0.0001	0.0017	0.0097
345	2045	ALT1	WB	AM	Ramp	0.01	0.01	0.20	0.04	97	67	0.0009	0.0009	0.0003	0.0000	0.0003	0.0007	0.0001	0.0000	0.0000	0.0004	0.0033
346	2045	ALT1	WB	AM	Ramp	0.03	0.05	0.60	0.12	294	204	0.0029	0.0027	0.0010	0.0000	0.0010	0.0023	0.0002	0.0001	0.0000	0.0013	0.0119
347	2045	ALT1	WB	AM	Ramp	0.08	0.12	1.47	0.17	744	490	0.0062	0.0057	0.0026	0.0001	0.0010	0.0030	0.0006	0.0005	0.0001	0.0007	0.0093
348	2045	ALT1	WB	AM	Ramp	0.33	0.47	8.75	1.24	3617	2439	0.0290	0.0268	0.0106	0.0005	0.0056	0.0148	0.0023	0.0017	0.0003	0.0100	0.0555
349	2045	ALT1	WB	AM	Ramp	0.05	0.06	1.25	0.19	503	343	0.0041	0.0038	0.0014	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0017	0.0094
350	2045	ALT1	WB	AM	Ramp	0.05	0.07	1.61	0.20	569	380	0.0038	0.0035	0.0015	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0013	0.0057
351	2045	ALT1	WB	AM	Ramp	0.02	0.03	0.39	0.10	201	143	0.0023	0.0021	0.0007	0.0000	0.0008	0.0018	0.0001	0.0001	0.0000	0.0013	0.0102
352	2045	ALT1	WB	AM	Ramp	0.03	0.04	0.67	0.08	286	189	0.0021	0.0020	0.0009	0.0000	0.0003	0.0009	0.0002	0.0002	0.0000	0.0004	0.0025
353	2045	ALT1	WB	AM	Ramp	0.06	0.09	1.85	0.24	705	472	0.0051	0.0047	0.0020	0.0001	0.0009	0.0025	0.0004	0.0003	0.0001	0.0016	0.0082
354	2045	ALT1	WB	AM	Ramp	0.20	0.30	3.88	0.50	1914	1270	0.0160	0.0149	0.0067	0.0003	0.0034	0.0092	0.0014	0.0012	0.0002	0.0028	0.0348
355	2045	ALT1	WB	AM	Ramp	0.04	0.06	1.08	0.15	465	312	0.0037	0.0034	0.0014	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0011	0.0062
356	2045	ALT1	WB	AM	Ramp	0.10	0.14	1.84	0.21	915	602	0.0075	0.0069	0.0032	0.0002	0.0012	0.0036	0.0007	0.0006	0.0001	0.0009	0.0106
357	2045	ALT1	WB	AM	Ramp	0.19	0.28	3.31	0.40	1720	1132	0.0146	0.0135	0.0062	0.0003	0.0026	0.0074	0.0013	0.0011	0.0002	0.0017	0.0237
358	2045	ALT1	WB	AM	Ramp	0.10	0.14	1.36	0.27	753	518	0.0076	0.0070	0.0031	0.0001	0.0035	0.0079	0.0006	0.0004	0.0001	0.0026	0.0433
359	2045	ALT1	WB	AM	Ramp	0.12	0.18	2.01	0.25	1089	717	0.0095	0.0088	0.0041	0.0002	0.0018	0.0051	0.0009	0.0007	0.0001	0.0011	0.0174
360	2045	ALT1	WB	AM	Ramp	0.08	0.11	1.26	0.18	659	440	0.0059	0.0054	0.0024	0.0001	0.0016	0.0040	0.0005	0.0004	0.0001	0.0011	0.0173
361	2045	ALT1	WB	AM	Ramp	0.08	0.12	1.28	0.17	722	477	0.0066	0.0061	0.0028	0.0001	0.0014	0.0038	0.0006	0.0005	0.0001	0.0008	0.0143
362	2045	ALT1	WB	AM	Ramp	0.04	0.06	1.01	0.15	431	292	0.0036	0.0033	0.0013	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0013	0.0074
363	2045	ALT1	WB	AM	Ramp	0.13	0.19	2.48	0.29	1224	805	0.0099	0.0092	0.0042	0.0002	0.0016	0.0047	0.0009	0.0008	0.0001	0.0011	0.0136
364	2045	ALT1	WB	AM	HOV																	
365	2045	ALT1	WB	AM	HOV																	
366	2045	ALT1	WB	AM	HOV																	
367	2045	ALT1	WB	AM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
368	2045	ALT1	WB	AM	HOV																	
369	2045	ALT1	WB	AM	HOV																	
370	2045	ALT1	WB	AM	HOV																	
371	2045	ALT1	WB	AM	HOV																	
372	2045	ALT1	WB	AM	HOV																	
373	2045	ALT1	WB	AM	HOV																	
374	2045	ALT1	WB	AM	HOV																	
375	2045	ALT1	WB	AM	HOV																	
376	2045	ALT1	WB	AM	HOV																	
377	2045	ALT1	WB	AM	HOV																	
378	2045	ALT1	WB	AM	HOV																	
379	2045	ALT1	WB	AM	HOV																	
380	2045	ALT1	WB	AM	HOV																	
381	2045	ALT1	WB	AM	HOV																	
382	2045	ALT1	WB	AM	HOV																	
383	2045	ALT1	WB	AM	HOV																	
384	2045	ALT1	WB	AM	HOV																	
385	2045	ALT1	WB	AM	HOV																	
386	2045	ALT1	WB	AM	HOV																	
387	2045	ALT1	WB	AM	HOV																	
388	2045	ALT1	WB	AM	HOV																	
389	2045	ALT1	WB	AM	HOV																	
390	2045	ALT1	WB	AM	HOV																	
391	2045	ALT1	WB	AM	HOV																	
392	2045	ALT1	WB	AM	HOV																	
393	2045	ALT1	WB	AM	HOV																	
394	2045	ALT1	WB	AM	HOV																	
395	2045	ALT1	WB	AM	HOV																	
396	2045	ALT1	WB	AM	HOV																	
397	2045	ALT1	WB	AM	HOV																	
398	2045	ALT1	WB	AM	HOV																	
399	2045	ALT1	WB	AM	HOV																	
400	2045	ALT1	WB	AM	HOV																	
401	2045	ALT1	WB	AM	HOV																	
402	2045	ALT1	WB	AM	HOV																	
403	2045	ALT1	WB	AM	HOV																	
404	2045	ALT1	WB	AM	HOV																	
405	2045	ALT1	WB	AM	HOV																	
406	2045	ALT1	WB	AM	HOV																	
407	2045	ALT1	WB	AM	HOV																	
408	2045	ALT1	WB	AM	HOV																	
409	2045	ALT1	WB	AM	HOV																	
410	2045	ALT1	WB	AM	HOV																	
411	2045	ALT1	WB	AM	HOV																	
412	2045	ALT1	WB	AM	HOV																	
413	2045	ALT1	WB	AM	HOV																	
414	2045	ALT1	WB	AM	HOV																	
415	2045	ALT1	WB	AM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
416	2045	ALT1	WB	AM	HOV																	
417	2045	ALT1	WB	AM	HOV																	
418	2045	ALT1	WB	AM	HOV																	
419	2045	ALT1	WB	AM	HOV	0.12	0.17	4.53	0.47	1476	960	0.0067	0.0062	0.0040	0.0002	0.0008	0.0031	0.0009	0.0005	0.0001	0.0005	0.0015
420	2045	ALT1	WB	AM	HOV	0.09	0.12	3.18	0.33	1036	674	0.0047	0.0043	0.0028	0.0002	0.0006	0.0022	0.0006	0.0004	0.0001	0.0004	0.0010
421	2045	ALT1	WB	AM	HOV	0.08	0.11	3.08	0.32	1000	650	0.0045	0.0042	0.0027	0.0001	0.0005	0.0021	0.0006	0.0004	0.0001	0.0003	0.0010
422	2045	ALT1	WB	AM	HOV	0.09	0.12	3.10	0.33	1022	665	0.0045	0.0042	0.0028	0.0002	0.0006	0.0022	0.0006	0.0004	0.0001	0.0004	0.0010
423	2045	ALT1	WB	AM	HOV	0.17	0.23	5.99	0.64	1971	1282	0.0087	0.0081	0.0055	0.0003	0.0011	0.0042	0.0012	0.0007	0.0001	0.0007	0.0019
424	2045	ALT1	WB	AM	HOV	0.04	0.06	1.46	0.16	482	313	0.0021	0.0020	0.0013	0.0001	0.0003	0.0010	0.0003	0.0002	0.0000	0.0002	0.0005
425	2045	ALT1	WB	AM	HOV	0.10	0.13	3.46	0.37	1140	741	0.0050	0.0047	0.0032	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0011
426	2045	ALT1	WB	AM	HOV	0.05	0.07	1.78	0.19	598	389	0.0026	0.0024	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
427	2045	ALT1	WB	AM	HOV	0.10	0.13	3.41	0.37	1144	744	0.0050	0.0046	0.0032	0.0002	0.0006	0.0025	0.0007	0.0004	0.0001	0.0004	0.0010
428	2045	ALT1	WB	AM	HOV	0.11	0.14	3.64	0.39	1221	794	0.0053	0.0049	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0011
429	2045	ALT1	WB	AM	HOV	0.07	0.10	2.43	0.26	814	529	0.0035	0.0033	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0007
430	2045	ALT1	WB	AM	HOV	0.12	0.16	4.21	0.45	1386	901	0.0061	0.0057	0.0038	0.0002	0.0008	0.0029	0.0009	0.0005	0.0001	0.0005	0.0013
431	2045	ALT1	WB	AM	HOV	0.11	0.14	3.80	0.40	1250	813	0.0055	0.0051	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0012
432	2045	ALT1	WB	AM	HOV	0.12	0.17	4.47	0.48	1472	957	0.0065	0.0060	0.0041	0.0002	0.0008	0.0031	0.0009	0.0005	0.0001	0.0005	0.0014
433	2045	ALT1	WB	AM	HOV	0.10	0.13	3.45	0.37	1136	739	0.0050	0.0046	0.0031	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0011
434	2045	ALT1	WB	AM	HOV	0.08	0.11	2.90	0.31	955	621	0.0042	0.0039	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0009
435	2045	ALT1	WB	AM	HOV	0.18	0.26	6.93	0.71	2241	1457	0.0103	0.0095	0.0061	0.0003	0.0012	0.0046	0.0014	0.0008	0.0001	0.0007	0.0023
436	2045	ALT1	WB	AM	HOV	0.02	0.02	0.66	0.07	215	140	0.0010	0.0009	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0002
437	2045	ALT1	WB	AM	HOV	0.20	0.27	7.37	0.75	2384	1550	0.0110	0.0102	0.0064	0.0003	0.0013	0.0049	0.0015	0.0009	0.0001	0.0008	0.0024
216	2045	ALT1	WB	MD	Mainline	1.50	1.89	30.77	8.61	15565	11343	0.3172	0.2922	0.0448	0.0020	0.0363	0.0863	0.0092	0.0040	0.0017	0.2759	0.4022
217	2045	ALT1	WB	MD	Mainline	2.71	3.41	55.87	16.20	28476	20874	0.5958	0.5488	0.0804	0.0035	0.0693	0.1627	0.0164	0.0072	0.0032	0.5221	0.7820
218	2045	ALT1	WB	MD	Mainline	2.29	2.92	50.62	11.88	23727	16886	0.3882	0.3577	0.0695	0.0032	0.0471	0.1165	0.0147	0.0065	0.0022	0.3189	0.4931
219	2045	ALT1	WB	MD	Mainline	2.99	3.83	72.38	17.02	32728	23436	0.5120	0.4717	0.0900	0.0040	0.0705	0.1691	0.0186	0.0088	0.0030	0.4186	0.7786
220	2045	ALT1	WB	MD	Mainline	1.76	2.25	40.89	9.32	18634	13238	0.2877	0.2651	0.0533	0.0025	0.0370	0.0911	0.0112	0.0051	0.0017	0.2330	0.3920
221	2045	ALT1	WB	MD	Mainline	1.49	1.90	36.34	8.38	16281	11630	0.2484	0.2289	0.0448	0.0020	0.0345	0.0830	0.0093	0.0044	0.0015	0.2015	0.3790
222	2045	ALT1	WB	MD	Mainline	1.76	2.26	41.64	9.33	18788	13326	0.2830	0.2608	0.0536	0.0025	0.0370	0.0911	0.0113	0.0052	0.0017	0.2276	0.3909
223	2045	ALT1	WB	MD	Mainline	0.83	1.07	20.10	4.44	8952	6344	0.1313	0.1210	0.0253	0.0012	0.0176	0.0433	0.0053	0.0025	0.0008	0.1047	0.1872
224	2045	ALT1	WB	MD	Mainline	0.96	1.24	23.07	4.45	9984	6926	0.1242	0.1145	0.0297	0.0014	0.0161	0.0421	0.0064	0.0029	0.0008	0.0923	0.1530
225	2045	ALT1	WB	MD	Mainline	0.61	0.79	14.53	2.85	6345	4409	0.0809	0.0745	0.0189	0.0009	0.0103	0.0270	0.0041	0.0019	0.0005	0.0607	0.0988
226	2045	ALT1	WB	MD	Mainline	2.88	3.68	64.11	12.68	28739	19961	0.3803	0.3506	0.0888	0.0043	0.0464	0.1227	0.0193	0.0084	0.0024	0.2888	0.4323
227	2045	ALT1	WB	MD	Mainline	1.11	1.41	24.41	4.64	10882	7516	0.1369	0.1262	0.0342	0.0017	0.0167	0.0450	0.0075	0.0032	0.0009	0.1016	0.1491
228	2045	ALT1	WB	MD	Mainline	0.63	0.80	13.89	2.56	6136	4221	0.0736	0.0679	0.0194	0.0010	0.0090	0.0247	0.0043	0.0018	0.0005	0.0534	0.0787
229	2045	ALT1	WB	MD	Mainline	3.77	4.85	90.97	17.05	38981	26935	0.4640	0.4279	0.1164	0.0057	0.0603	0.1600	0.0253	0.0115	0.0030	0.3380	0.5619
230	2045	ALT1	WB	MD	Mainline	0.95	1.22	22.15	4.15	9639	6650	0.1159	0.1069	0.0295	0.0015	0.0146	0.0392	0.0064	0.0029	0.0007	0.0846	0.1323
231	2045	ALT1	WB	MD	Mainline	0.97	1.25	23.43	4.46	10089	6985	0.1228	0.1132	0.0301	0.0015	0.0159	0.0420	0.0065	0.0030	0.0008	0.0904	0.1502
232	2045	ALT1	WB	MD	Mainline	1.05	1.35	24.73	4.67	10718	7404	0.1296	0.1195	0.0324	0.0016	0.0165	0.0439	0.0071	0.0032	0.0008	0.0949	0.1516
233	2045	ALT1	WB	MD	Mainline	3.08	4.02	86.82	15.91	34688	24130	0.3860	0.3560	0.0947	0.0044	0.0604	0.1518	0.0201	0.0101	0.0025	0.2750	0.6251
234	2045	ALT1	WB	MD	Mainline	0.51	0.66	13.57	2.50	5583	3868	0.0636	0.0586	0.0158	0.0008	0.0090	0.0234	0.0034	0.0016	0.0004	0.0456	0.0890
235	2045	ALT1	WB	MD	Mainline	1.94	2.55	55.87	10.08	22074	15339	0.2397	0.2210	0.0599	0.0028	0.0383	0.0962	0.0127	0.0065	0.0016	0.1685	0.3972
236	2045	ALT1	WB	MD	Mainline	1.30	1.69	34.71	6.42	14253	9881	0.1627	0.1500	0.0402	0.0019	0.0233	0.0600	0.0086	0.0042	0.0011	0.1169	0.2312
237	2045	ALT1	WB	MD	Mainline	2.21	2.84	52.52	9.77	22615	15597	0.2672	0.2464	0.0684	0.0034	0.0342	0.0917	0.0149	0.0067	0.0017	0.1937	0.3125
238	2045	ALT1	WB	MD	Mainline	0.69	0.89	16.76	3.08	7145	4924	0.0827	0.0762	0.0214	0.0011	0.0108	0.0288	0.0047	0.0021	0.0005	0.0594	0.0985
239	2045	ALT1	WB	MD	Mainline	0.61	0.79	14.92	2.73	6340	4368	0.0729	0.0672	0.0190	0.0009	0.0095	0.0255	0.0041	0.0019	0.0005	0.0522	0.0873
240	2045	ALT1	WB	MD	Mainline	0.77	0.99	18.74	3.34	7900	5421	0.0870	0.0802	0.0238	0.0012	0.0114	0.0309	0.0052	0.0024	0.0006	0.0608	0.1017
241	2045	ALT1	WB	MD	Mainline	2.75	3.55	68.67	12.37	28762	19793	0.3208	0.2958	0.0851	0.0042	0.0429	0.1147	0.0185	0.0086	0.0021	0.2265	0.3942

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
242	2045	ALT1	WB	MD	Mainline	0.20	0.25	4.73	0.85	2013	1382	0.0225	0.0208	0.0061	0.0003	0.0029	0.0079	0.0013	0.0006	0.0002	0.0159	0.0256
243	2045	ALT1	WB	MD	Mainline	2.35	3.04	58.83	10.68	24678	17002	0.2783	0.2566	0.0729	0.0036	0.0372	0.0992	0.0158	0.0074	0.0019	0.1977	0.3453
244	2045	ALT1	WB	MD	Mainline	0.37	0.47	8.75	1.60	3755	2582	0.0431	0.0398	0.0114	0.0006	0.0055	0.0149	0.0025	0.0011	0.0003	0.0308	0.0492
245	2045	ALT1	WB	MD	Mainline	2.22	2.86	55.40	10.14	23300	16071	0.2661	0.2454	0.0687	0.0034	0.0356	0.0944	0.0149	0.0069	0.0018	0.1902	0.3321
246	2045	ALT1	WB	MD	Mainline	1.77	2.27	42.11	7.69	18040	12410	0.2072	0.1911	0.0548	0.0027	0.0266	0.0719	0.0120	0.0054	0.0014	0.1481	0.2384
247	2045	ALT1	WB	MD	Mainline	2.24	2.89	55.59	10.26	23493	16217	0.2719	0.2507	0.0694	0.0034	0.0361	0.0958	0.0151	0.0070	0.0018	0.1956	0.3383
248	2045	ALT1	WB	MD	Mainline	0.71	0.92	16.88	3.11	7264	5001	0.0845	0.0780	0.0221	0.0011	0.0108	0.0291	0.0048	0.0022	0.0006	0.0608	0.0970
249	2045	ALT1	WB	MD	Mainline	2.32	2.98	53.43	9.94	23322	16070	0.2789	0.2572	0.0720	0.0036	0.0349	0.0944	0.0158	0.0070	0.0018	0.2028	0.3122
250	2045	ALT1	WB	MD	Mainline	3.63	4.67	86.36	15.95	37110	25567	0.4336	0.3999	0.1124	0.0055	0.0556	0.1494	0.0245	0.0111	0.0028	0.3125	0.5037
251	2045	ALT1	WB	MD	Mainline	2.75	3.55	68.24	12.64	28845	19923	0.3353	0.3092	0.0851	0.0042	0.0446	0.1180	0.0185	0.0086	0.0022	0.2418	0.4195
252	2045	ALT1	WB	MD	Mainline	2.27	2.92	54.51	10.06	23348	16090	0.2721	0.2510	0.0704	0.0035	0.0351	0.0942	0.0154	0.0070	0.0018	0.1960	0.3200
253	2045	ALT1	WB	MD	Mainline	1.63	2.09	39.04	7.21	16721	11523	0.1949	0.1797	0.0504	0.0025	0.0251	0.0674	0.0110	0.0050	0.0013	0.1404	0.2292
254	2045	ALT1	WB	MD	Mainline	1.57	2.02	37.63	6.95	16119	11108	0.1879	0.1733	0.0486	0.0024	0.0242	0.0650	0.0106	0.0048	0.0012	0.1353	0.2210
255	2045	ALT1	WB	MD	Mainline	2.64	3.41	65.63	12.45	27891	19334	0.3355	0.3093	0.0816	0.0040	0.0448	0.1170	0.0176	0.0082	0.0022	0.2462	0.4314
256	2045	ALT1	WB	MD	Mainline	1.68	2.16	39.94	7.54	17249	11921	0.2080	0.1918	0.0519	0.0025	0.0267	0.0709	0.0113	0.0051	0.0013	0.1523	0.2470
257	2045	ALT1	WB	MD	Mainline	2.07	2.67	51.43	9.73	21827	15127	0.2616	0.2412	0.0638	0.0031	0.0350	0.0914	0.0138	0.0064	0.0017	0.1916	0.3365
258	2045	ALT1	WB	MD	Mainline	1.99	2.56	45.48	8.52	19945	13756	0.2420	0.2232	0.0617	0.0030	0.0301	0.0813	0.0135	0.0059	0.0016	0.1771	0.2704
259	2045	ALT1	WB	MD	Mainline	2.93	3.75	66.23	12.41	29152	20103	0.3552	0.3276	0.0907	0.0045	0.0440	0.1189	0.0199	0.0087	0.0023	0.2602	0.3928
260	2045	ALT1	WB	MD	Mainline	1.92	2.46	44.21	8.32	19336	13344	0.2349	0.2166	0.0594	0.0029	0.0294	0.0790	0.0130	0.0057	0.0015	0.1721	0.2659
261	2045	ALT1	WB	MD	Mainline	2.34	3.01	55.67	10.47	24025	16594	0.2882	0.2657	0.0724	0.0036	0.0369	0.0984	0.0158	0.0071	0.0019	0.2104	0.3406
262	2045	ALT1	WB	MD	Mainline	6.29	8.06	145.58	27.94	63801	44158	0.7952	0.7332	0.1942	0.0095	0.0997	0.2651	0.0423	0.0188	0.0051	0.5900	0.9222
263	2045	ALT1	WB	MD	Mainline	3.00	3.87	72.96	13.89	31306	21687	0.3804	0.3507	0.0928	0.0045	0.0498	0.1307	0.0201	0.0092	0.0024	0.2800	0.4724
264	2045	ALT1	WB	MD	Mainline	1.06	1.38	29.72	5.56	11963	8345	0.1367	0.1261	0.0326	0.0015	0.0214	0.0534	0.0069	0.0035	0.0009	0.0988	0.2242
265	2045	ALT1	WB	MD	Mainline	0.60	0.78	15.20	2.97	6458	4503	0.0806	0.0743	0.0185	0.0009	0.0110	0.0282	0.0040	0.0019	0.0005	0.0603	0.1105
266	2045	ALT1	WB	MD	Mainline	2.09	2.69	51.36	10.69	22397	15741	0.3048	0.2809	0.0639	0.0030	0.0410	0.1029	0.0136	0.0063	0.0019	0.2364	0.4230
267	2045	ALT1	WB	MD	Mainline	0.62	0.79	15.35	3.27	6689	4723	0.0929	0.0856	0.0187	0.0009	0.0129	0.0317	0.0039	0.0019	0.0006	0.0728	0.1359
268	2045	ALT1	WB	MD	Mainline	0.12	0.15	2.71	0.58	1229	863	0.0178	0.0164	0.0037	0.0002	0.0022	0.0056	0.0008	0.0003	0.0001	0.0141	0.0219
269	2045	ALT1	WB	MD	Mainline	2.71	3.48	68.33	14.56	29648	20950	0.4101	0.3779	0.0823	0.0038	0.0576	0.1415	0.0173	0.0083	0.0025	0.3212	0.6132
270	2045	ALT1	WB	MD	Mainline	1.21	1.57	31.68	6.70	13509	9563	0.1823	0.1680	0.0368	0.0017	0.0272	0.0661	0.0077	0.0037	0.0011	0.1418	0.2960
271	2045	ALT1	WB	MD	Mainline	1.60	2.03	37.68	9.36	17450	12588	0.2914	0.2685	0.0478	0.0021	0.0396	0.0939	0.0098	0.0046	0.0016	0.2431	0.4447
272	2045	ALT1	WB	MD	Mainline	1.15	1.46	27.59	6.79	12650	9127	0.2072	0.1909	0.0343	0.0015	0.0290	0.0684	0.0070	0.0033	0.0012	0.1722	0.3272
273	2045	ALT1	WB	MD	Mainline	1.21	1.55	27.78	6.88	13024	9369	0.2213	0.2038	0.0365	0.0016	0.0286	0.0684	0.0075	0.0034	0.0012	0.1848	0.3144
274	2045	ALT1	WB	MD	Mainline	1.41	1.79	31.75	7.98	15023	10821	0.2608	0.2403	0.0422	0.0019	0.0331	0.0792	0.0087	0.0040	0.0015	0.2190	0.3640
275	2045	ALT1	WB	MD	Mainline	2.47	3.12	52.55	13.55	25598	18454	0.4710	0.4339	0.0741	0.0034	0.0557	0.1346	0.0154	0.0068	0.0026	0.3999	0.6045
276	2045	ALT1	WB	MD	Mainline	0.70	0.89	14.87	3.78	7243	5210	0.1323	0.1219	0.0212	0.0010	0.0155	0.0376	0.0044	0.0019	0.0007	0.1120	0.1662
277	2045	ALT1	WB	MD	Mainline	1.48	1.87	31.57	8.41	15515	11241	0.2945	0.2713	0.0443	0.0020	0.0351	0.0838	0.0092	0.0040	0.0016	0.2523	0.3866
278	2045	ALT1	WB	MD	Mainline	0.81	1.02	17.47	4.66	8551	6200	0.1613	0.1486	0.0242	0.0011	0.0195	0.0464	0.0050	0.0022	0.0009	0.1381	0.2158
279	2045	ALT1	WB	MD	Mainline	1.50	1.92	35.08	8.95	16445	11905	0.2835	0.2611	0.0449	0.0020	0.0383	0.0901	0.0092	0.0043	0.0016	0.2386	0.4320
280	2045	ALT1	WB	MD	Mainline	1.50	1.89	33.03	9.01	16117	11748	0.3053	0.2812	0.0445	0.0019	0.0386	0.0906	0.0091	0.0041	0.0017	0.2626	0.4377
281	2045	ALT1	WB	MD	Mainline	1.08	1.38	25.36	6.48	11869	8599	0.2042	0.1881	0.0322	0.0014	0.0279	0.0655	0.0066	0.0031	0.0011	0.1719	0.3159
282	2045	ALT1	WB	MD	Mainline	1.58	2.01	35.47	9.53	17137	12477	0.3173	0.2923	0.0471	0.0020	0.0410	0.0961	0.0096	0.0044	0.0017	0.2717	0.4650
283	2045	ALT1	WB	MD	Mainline	1.47	1.87	33.79	8.79	16019	11623	0.2837	0.2614	0.0438	0.0019	0.0377	0.0887	0.0089	0.0041	0.0016	0.2404	0.4273
284	2045	ALT1	WB	MD	Mainline	1.79	2.28	42.99	10.71	19788	14301	0.3277	0.3019	0.0534	0.0023	0.0460	0.1081	0.0109	0.0052	0.0019	0.2733	0.5214
285	2045	ALT1	WB	MD	Mainline	1.31	1.67	30.05	7.74	14230	10304	0.2505	0.2307	0.0392	0.0017	0.0329	0.0777	0.0080	0.0037	0.0014	0.2116	0.3696
286	2045	ALT1	WB	MD	Mainline	1.15	1.46	27.36	6.76	12605	9093	0.2083	0.1919	0.0343	0.0015	0.0288	0.0680	0.0070	0.0033	0.0012	0.1734	0.3237
287	2045	ALT1	WB	MD	Mainline	2.05	2.60	45.86	12.24	22143	16096	0.4086	0.3763	0.0612	0.0027	0.0522	0.1230	0.0125	0.0057	0.0022	0.3492	0.5894
288	2045	ALT1	WB	MD	Mainline	0.22	0.28	4.97	1.26	2371	1707	0.0417	0.0384	0.0067	0.0003	0.0052	0.0124	0.0014	0.0006	0.0002	0.0351	0.0565
289	2045	ALT1	WB	MD	Mainline	2.25	2.86	51.69	13.15	24353	17601	0.4226	0.3893	0.0673	0.0030	0.0556	0.1317	0.0138	0.0064	0.0024	0.3557	0.6221

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
290	2045	ALT1	WB	MD	Ramp	0.08	0.11	2.65	0.32	920	612	0.0059	0.0055	0.0025	0.0001	0.0010	0.0029	0.0005	0.0004	0.0001	0.0019	0.0082
291	2045	ALT1	WB	MD	Ramp	0.08	0.11	2.40	0.29	898	596	0.0061	0.0056	0.0025	0.0001	0.0010	0.0029	0.0006	0.0004	0.0001	0.0016	0.0081
292	2045	ALT1	WB	MD	Ramp	0.03	0.04	0.94	0.11	329	218	0.0021	0.0019	0.0009	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0006	0.0026
293	2045	ALT1	WB	MD	Ramp	0.25	0.37	3.97	0.56	2138	1424	0.0193	0.0179	0.0081	0.0004	0.0052	0.0131	0.0017	0.0014	0.0002	0.0034	0.0563
294	2045	ALT1	WB	MD	Ramp	0.08	0.12	2.19	0.28	890	594	0.0066	0.0062	0.0026	0.0001	0.0011	0.0031	0.0006	0.0004	0.0001	0.0018	0.0099
295	2045	ALT1	WB	MD	Ramp	0.18	0.26	3.17	0.42	1627	1079	0.0140	0.0130	0.0059	0.0003	0.0032	0.0084	0.0012	0.0010	0.0002	0.0023	0.0327
296	2045	ALT1	WB	MD	Ramp	0.08	0.11	1.48	0.24	711	483	0.0064	0.0059	0.0024	0.0001	0.0018	0.0045	0.0005	0.0004	0.0001	0.0021	0.0210
297	2045	ALT1	WB	MD	Ramp	1.81	2.38	35.73	10.59	17926	13266	0.2332	0.2151	0.0520	0.0018	0.0742	0.1614	0.0093	0.0058	0.0015	0.1701	0.9389
298	2045	ALT1	WB	MD	Ramp	0.01	0.01	0.31	0.03	114	75	0.0007	0.0007	0.0003	0.0000	0.0001	0.0003	0.0001	0.0001	0.0000	0.0001	0.0007
299	2045	ALT1	WB	MD	Ramp	0.04	0.06	1.46	0.17	511	338	0.0032	0.0029	0.0014	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0036
300	2045	ALT1	WB	MD	Ramp	0.42	0.59	13.64	1.65	4922	3270	0.0325	0.0301	0.0136	0.0007	0.0053	0.0155	0.0030	0.0021	0.0003	0.0091	0.0441
301	2045	ALT1	WB	MD	Ramp	0.19	0.28	3.90	0.57	1840	1237	0.0157	0.0146	0.0061	0.0003	0.0039	0.0098	0.0013	0.0010	0.0002	0.0044	0.0420
302	2045	ALT1	WB	MD	Ramp	0.03	0.04	0.86	0.10	312	207	0.0021	0.0019	0.0009	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0006	0.0029
303	2045	ALT1	WB	MD	Ramp	0.05	0.07	1.32	0.21	534	366	0.0046	0.0042	0.0015	0.0001	0.0010	0.0026	0.0003	0.0002	0.0000	0.0021	0.0112
304	2045	ALT1	WB	MD	Ramp	0.05	0.08	1.49	0.19	608	406	0.0046	0.0042	0.0018	0.0001	0.0008	0.0022	0.0004	0.0003	0.0000	0.0012	0.0068
305	2045	ALT1	WB	MD	Ramp	0.11	0.15	2.72	0.42	1144	778	0.0097	0.0089	0.0034	0.0002	0.0020	0.0052	0.0007	0.0005	0.0001	0.0038	0.0212
306	2045	ALT1	WB	MD	Ramp	0.07	0.10	1.83	0.20	744	488	0.0051	0.0047	0.0022	0.0001	0.0006	0.0020	0.0005	0.0004	0.0001	0.0007	0.0037
307	2045	ALT1	WB	MD	Ramp	0.12	0.18	2.02	0.27	1070	711	0.0095	0.0088	0.0040	0.0002	0.0024	0.0061	0.0008	0.0007	0.0001	0.0016	0.0251
308	2045	ALT1	WB	MD	Ramp	0.11	0.16	2.58	0.36	1163	781	0.0096	0.0089	0.0037	0.0002	0.0020	0.0054	0.0008	0.0006	0.0001	0.0027	0.0210
309	2045	ALT1	WB	MD	Ramp	0.12	0.17	1.89	0.32	996	677	0.0094	0.0087	0.0038	0.0002	0.0034	0.0081	0.0008	0.0006	0.0001	0.0028	0.0409
310	2045	ALT1	WB	MD	Ramp	0.44	0.61	11.67	2.03	4831	3343	0.0441	0.0407	0.0138	0.0006	0.0106	0.0256	0.0028	0.0019	0.0004	0.0224	0.1199
311	2045	ALT1	WB	MD	Ramp	0.15	0.22	2.99	0.45	1434	966	0.0125	0.0115	0.0049	0.0002	0.0033	0.0082	0.0010	0.0008	0.0001	0.0035	0.0361
312	2045	ALT1	WB	MD	Ramp	0.04	0.05	1.10	0.15	435	292	0.0033	0.0031	0.0012	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0011	0.0061
313	2045	ALT1	WB	MD	Ramp	0.33	0.46	10.45	1.45	3839	2593	0.0287	0.0265	0.0105	0.0005	0.0056	0.0148	0.0022	0.0015	0.0003	0.0119	0.0557
314	2045	ALT1	WB	MD	Ramp	0.08	0.12	2.23	0.27	909	602	0.0066	0.0061	0.0027	0.0001	0.0010	0.0029	0.0006	0.0005	0.0001	0.0014	0.0078
315	2045	ALT1	WB	MD	Ramp	0.12	0.17	2.79	0.38	1237	828	0.0100	0.0093	0.0039	0.0002	0.0020	0.0053	0.0008	0.0006	0.0001	0.0027	0.0194
316	2045	ALT1	WB	MD	Ramp	0.07	0.11	2.01	0.23	814	536	0.0057	0.0052	0.0024	0.0001	0.0007	0.0024	0.0005	0.0004	0.0001	0.0010	0.0052
317	2045	ALT1	WB	MD	Ramp	0.08	0.12	1.82	0.27	834	563	0.0072	0.0066	0.0027	0.0001	0.0017	0.0043	0.0006	0.0004	0.0001	0.0023	0.0183
318	2045	ALT1	WB	MD	Ramp	0.05	0.06	1.41	0.16	525	346	0.0034	0.0031	0.0015	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0006	0.0033
319	2045	ALT1	WB	MD	Ramp	0.11	0.17	2.74	0.37	1204	805	0.0096	0.0089	0.0037	0.0002	0.0018	0.0049	0.0008	0.0006	0.0001	0.0026	0.0175
320	2045	ALT1	WB	MD	Ramp	0.07	0.10	1.88	0.23	788	523	0.0059	0.0054	0.0024	0.0001	0.0009	0.0026	0.0005	0.0004	0.0001	0.0013	0.0074
321	2045	ALT1	WB	MD	Ramp	0.13	0.19	2.77	0.37	1273	849	0.0104	0.0096	0.0042	0.0002	0.0022	0.0058	0.0009	0.0007	0.0001	0.0025	0.0219
322	2045	ALT1	WB	MD	Ramp	0.09	0.14	1.73	0.26	855	576	0.0075	0.0070	0.0030	0.0001	0.0021	0.0052	0.0006	0.0005	0.0001	0.0020	0.0237
323	2045	ALT1	WB	MD	Ramp	0.17	0.23	4.79	0.73	1867	1274	0.0153	0.0142	0.0052	0.0002	0.0033	0.0084	0.0011	0.0008	0.0001	0.0069	0.0352
324	2045	ALT1	WB	MD	Ramp	0.04	0.05	1.17	0.16	447	302	0.0034	0.0032	0.0013	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0014	0.0069
325	2045	ALT1	WB	MD	Ramp	0.29	0.41	6.23	0.96	2869	1942	0.0249	0.0231	0.0093	0.0004	0.0061	0.0152	0.0019	0.0015	0.0002	0.0082	0.0659
326	2045	ALT1	WB	MD	Ramp	0.10	0.15	2.86	0.36	1158	771	0.0085	0.0079	0.0034	0.0002	0.0014	0.0040	0.0007	0.0006	0.0001	0.0022	0.0120
327	2045	ALT1	WB	MD	Ramp	0.22	0.32	4.09	0.69	2012	1372	0.0186	0.0172	0.0070	0.0003	0.0059	0.0139	0.0014	0.0011	0.0002	0.0064	0.0683
328	2045	ALT1	WB	MD	Ramp	0.05	0.07	1.46	0.18	546	364	0.0038	0.0035	0.0015	0.0001	0.0006	0.0018	0.0003	0.0002	0.0000	0.0010	0.0053
329	2045	ALT1	WB	MD	Ramp	0.11	0.16	2.55	0.35	1133	759	0.0092	0.0085	0.0036	0.0002	0.0018	0.0049	0.0008	0.0006	0.0001	0.0026	0.0183
330	2045	ALT1	WB	MD	Ramp	0.03	0.04	0.92	0.13	350	236	0.0027	0.0025	0.0010	0.0000	0.0005	0.0014	0.0002	0.0001	0.0000	0.0010	0.0053
331	2045	ALT1	WB	MD	Ramp	0.14	0.20	4.31	0.62	1652	1119	0.0129	0.0119	0.0046	0.0002	0.0026	0.0068	0.0010	0.0007	0.0001	0.0053	0.0270
332	2045	ALT1	WB	MD	Ramp	0.05	0.06	1.43	0.23	540	372	0.0047	0.0043	0.0015	0.0001	0.0010	0.0025	0.0003	0.0002	0.0000	0.0026	0.0112
333	2045	ALT1	WB	MD	Ramp	0.12	0.17	3.49	0.60	1394	964	0.0125	0.0116	0.0039	0.0002	0.0030	0.0072	0.0008	0.0005	0.0001	0.0066	0.0333
334	2045	ALT1	WB	MD	Ramp	0.05	0.07	1.55	0.27	602	418	0.0055	0.0051	0.0016	0.0001	0.0013	0.0031	0.0003	0.0002	0.0000	0.0031	0.0144
335	2045	ALT1	WB	MD	Ramp	0.19	0.25	4.70	0.96	2008	1419	0.0206	0.0191	0.0057	0.0002	0.0055	0.0126	0.0011	0.0007	0.0002	0.0125	0.0649
336	2045	ALT1	WB	MD	Ramp	0.16	0.22	4.21	0.78	1757	1226	0.0168	0.0155	0.0050	0.0002	0.0042	0.0100	0.0010	0.0007	0.0001	0.0093	0.0487
337	2045	ALT1	WB	MD	Ramp	0.06	0.08	1.34	0.36	620	456	0.0079	0.0073	0.0017	0.0001	0.0023	0.0050	0.0003	0.0002	0.0001	0.0059	0.0287

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
338	2045	ALT1	WB	MD	Ramp	0.04	0.06	0.85	0.30	446	340	0.0067	0.0062	0.0012	0.0000	0.0021	0.0045	0.0002	0.0001	0.0000	0.0054	0.0273
339	2045	ALT1	WB	MD	Ramp	0.22	0.30	7.29	1.02	2579	1741	0.0192	0.0178	0.0069	0.0003	0.0033	0.0090	0.0015	0.0009	0.0002	0.0096	0.0303
340	2045	ALT1	WB	MD	Ramp	0.81	1.09	20.35	4.42	8759	6252	0.0950	0.0877	0.0244	0.0010	0.0258	0.0586	0.0047	0.0030	0.0007	0.0619	0.3111
341	2045	ALT1	WB	MD	Ramp	0.71	0.98	18.16	3.24	7671	5321	0.0714	0.0659	0.0221	0.0010	0.0175	0.0421	0.0045	0.0031	0.0006	0.0365	0.2001
342	2045	ALT1	WB	MD	Ramp	0.11	0.16	2.97	0.50	1239	853	0.0111	0.0102	0.0036	0.0002	0.0026	0.0063	0.0007	0.0005	0.0001	0.0053	0.0289
343	2045	ALT1	WB	MD	Ramp	0.21	0.29	2.61	0.63	1462	1032	0.0160	0.0148	0.0062	0.0002	0.0089	0.0194	0.0011	0.0008	0.0001	0.0073	0.1134
344	2045	ALT1	WB	MD	Ramp	0.09	0.13	2.42	0.41	1003	691	0.0090	0.0083	0.0029	0.0001	0.0021	0.0052	0.0006	0.0004	0.0001	0.0043	0.0237
345	2045	ALT1	WB	MD	Ramp	0.04	0.05	0.66	0.14	334	234	0.0035	0.0032	0.0012	0.0000	0.0013	0.0029	0.0002	0.0002	0.0000	0.0017	0.0159
346	2045	ALT1	WB	MD	Ramp	0.11	0.15	1.77	0.40	921	649	0.0098	0.0090	0.0034	0.0001	0.0041	0.0091	0.0006	0.0004	0.0001	0.0048	0.0510
347	2045	ALT1	WB	MD	Ramp	0.17	0.25	2.99	0.40	1545	1025	0.0134	0.0124	0.0056	0.0003	0.0031	0.0081	0.0012	0.0010	0.0001	0.0022	0.0318
348	2045	ALT1	WB	MD	Ramp	0.45	0.61	11.57	2.30	4866	3430	0.0492	0.0454	0.0136	0.0006	0.0128	0.0297	0.0027	0.0018	0.0004	0.0297	0.1514
349	2045	ALT1	WB	MD	Ramp	0.14	0.19	3.12	0.69	1432	1017	0.0154	0.0142	0.0042	0.0002	0.0043	0.0098	0.0008	0.0006	0.0001	0.0092	0.0514
350	2045	ALT1	WB	MD	Ramp	0.10	0.14	3.37	0.46	1220	822	0.0089	0.0082	0.0033	0.0002	0.0017	0.0045	0.0007	0.0005	0.0001	0.0036	0.0163
351	2045	ALT1	WB	MD	Ramp	0.10	0.13	1.53	0.36	801	568	0.0087	0.0081	0.0029	0.0001	0.0037	0.0082	0.0005	0.0004	0.0001	0.0046	0.0462
352	2045	ALT1	WB	MD	Ramp	0.08	0.11	1.91	0.22	817	538	0.0059	0.0055	0.0025	0.0001	0.0008	0.0026	0.0006	0.0004	0.0001	0.0009	0.0060
353	2045	ALT1	WB	MD	Ramp	0.14	0.20	4.18	0.56	1630	1095	0.0123	0.0113	0.0046	0.0002	0.0023	0.0062	0.0010	0.0007	0.0001	0.0042	0.0222
354	2045	ALT1	WB	MD	Ramp	0.29	0.42	5.76	0.91	2757	1869	0.0246	0.0227	0.0093	0.0004	0.0069	0.0168	0.0019	0.0015	0.0002	0.0079	0.0774
355	2045	ALT1	WB	MD	Ramp	0.10	0.14	2.26	0.34	1002	678	0.0086	0.0079	0.0031	0.0001	0.0018	0.0046	0.0006	0.0005	0.0001	0.0030	0.0187
356	2045	ALT1	WB	MD	Ramp	0.09	0.14	2.05	0.27	943	628	0.0076	0.0070	0.0031	0.0001	0.0015	0.0041	0.0007	0.0005	0.0001	0.0017	0.0149
357	2045	ALT1	WB	MD	Ramp	0.28	0.41	5.29	0.72	2609	1740	0.0222	0.0206	0.0092	0.0004	0.0053	0.0138	0.0019	0.0016	0.0002	0.0046	0.0565
358	2045	ALT1	WB	MD	Ramp	0.19	0.27	2.63	0.52	1433	987	0.0144	0.0133	0.0058	0.0002	0.0065	0.0147	0.0011	0.0008	0.0001	0.0050	0.0800
359	2045	ALT1	WB	MD	Ramp	0.16	0.23	2.88	0.42	1437	964	0.0126	0.0117	0.0051	0.0002	0.0034	0.0086	0.0011	0.0008	0.0001	0.0030	0.0380
360	2045	ALT1	WB	MD	Ramp	0.13	0.19	2.32	0.34	1173	787	0.0104	0.0096	0.0042	0.0002	0.0029	0.0073	0.0009	0.0007	0.0001	0.0025	0.0325
361	2045	ALT1	WB	MD	Ramp	0.16	0.24	2.47	0.34	1363	905	0.0124	0.0115	0.0052	0.0002	0.0031	0.0081	0.0011	0.0009	0.0001	0.0019	0.0337
362	2045	ALT1	WB	MD	Ramp	0.07	0.10	1.76	0.32	772	534	0.0073	0.0067	0.0023	0.0001	0.0018	0.0042	0.0005	0.0003	0.0001	0.0035	0.0199
363	2045	ALT1	WB	MD	Ramp	0.22	0.32	4.42	0.55	2130	1409	0.0173	0.0160	0.0073	0.0004	0.0033	0.0092	0.0016	0.0013	0.0002	0.0028	0.0311
364	2045	ALT1	WB	MD	HOV																	
365	2045	ALT1	WB	MD	HOV																	
366	2045	ALT1	WB	MD	HOV																	
367	2045	ALT1	WB	MD	HOV																	
368	2045	ALT1	WB	MD	HOV																	
369	2045	ALT1	WB	MD	HOV																	
370	2045	ALT1	WB	MD	HOV																	
371	2045	ALT1	WB	MD	HOV																	
372	2045	ALT1	WB	MD	HOV																	
373	2045	ALT1	WB	MD	HOV																	
374	2045	ALT1	WB	MD	HOV																	
375	2045	ALT1	WB	MD	HOV																	
376	2045	ALT1	WB	MD	HOV																	
377	2045	ALT1	WB	MD	HOV																	
378	2045	ALT1	WB	MD	HOV																	
379	2045	ALT1	WB	MD	HOV																	
380	2045	ALT1	WB	MD	HOV																	
381	2045	ALT1	WB	MD	HOV																	
382	2045	ALT1	WB	MD	HOV																	
383	2045	ALT1	WB	MD	HOV																	
384	2045	ALT1	WB	MD	HOV																	
385	2045	ALT1	WB	MD	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
386	2045	ALT1	WB	MD	HOV																	
387	2045	ALT1	WB	MD	HOV																	
388	2045	ALT1	WB	MD	HOV																	
389	2045	ALT1	WB	MD	HOV																	
390	2045	ALT1	WB	MD	HOV																	
391	2045	ALT1	WB	MD	HOV																	
392	2045	ALT1	WB	MD	HOV																	
393	2045	ALT1	WB	MD	HOV																	
394	2045	ALT1	WB	MD	HOV																	
395	2045	ALT1	WB	MD	HOV																	
396	2045	ALT1	WB	MD	HOV																	
397	2045	ALT1	WB	MD	HOV																	
398	2045	ALT1	WB	MD	HOV																	
399	2045	ALT1	WB	MD	HOV																	
400	2045	ALT1	WB	MD	HOV																	
401	2045	ALT1	WB	MD	HOV																	
402	2045	ALT1	WB	MD	HOV																	
403	2045	ALT1	WB	MD	HOV																	
404	2045	ALT1	WB	MD	HOV																	
405	2045	ALT1	WB	MD	HOV																	
406	2045	ALT1	WB	MD	HOV																	
407	2045	ALT1	WB	MD	HOV																	
408	2045	ALT1	WB	MD	HOV																	
409	2045	ALT1	WB	MD	HOV																	
410	2045	ALT1	WB	MD	HOV																	
411	2045	ALT1	WB	MD	HOV																	
412	2045	ALT1	WB	MD	HOV																	
413	2045	ALT1	WB	MD	HOV																	
414	2045	ALT1	WB	MD	HOV																	
415	2045	ALT1	WB	MD	HOV																	
416	2045	ALT1	WB	MD	HOV																	
417	2045	ALT1	WB	MD	HOV																	
418	2045	ALT1	WB	MD	HOV																	
419	2045	ALT1	WB	MD	HOV	0.32	0.45	11.93	1.19	3896	2532	0.0189	0.0175	0.0105	0.0006	0.0020	0.0080	0.0024	0.0016	0.0002	0.0012	0.0041
420	2045	ALT1	WB	MD	HOV	0.22	0.31	8.37	0.83	2734	1777	0.0132	0.0123	0.0074	0.0004	0.0014	0.0056	0.0017	0.0011	0.0002	0.0009	0.0029
421	2045	ALT1	WB	MD	HOV	0.21	0.30	8.08	0.80	2641	1716	0.0129	0.0119	0.0071	0.0004	0.0014	0.0054	0.0016	0.0011	0.0002	0.0008	0.0028
422	2045	ALT1	WB	MD	HOV	0.21	0.29	7.81	0.80	2525	1642	0.0116	0.0107	0.0068	0.0004	0.0013	0.0052	0.0016	0.0009	0.0001	0.0008	0.0026
423	2045	ALT1	WB	MD	HOV	0.40	0.55	15.05	1.54	4869	3165	0.0223	0.0207	0.0132	0.0007	0.0026	0.0101	0.0030	0.0018	0.0003	0.0016	0.0049
424	2045	ALT1	WB	MD	HOV	0.10	0.14	3.68	0.38	1191	774	0.0055	0.0051	0.0032	0.0002	0.0006	0.0025	0.0007	0.0004	0.0001	0.0004	0.0012
425	2045	ALT1	WB	MD	HOV	0.23	0.32	8.70	0.89	2814	1829	0.0129	0.0120	0.0076	0.0004	0.0015	0.0058	0.0017	0.0011	0.0002	0.0009	0.0028
426	2045	ALT1	WB	MD	HOV	0.11	0.15	4.07	0.43	1337	869	0.0059	0.0055	0.0037	0.0002	0.0007	0.0028	0.0008	0.0005	0.0001	0.0005	0.0013
427	2045	ALT1	WB	MD	HOV	0.22	0.29	7.77	0.82	2555	1661	0.0113	0.0105	0.0071	0.0004	0.0014	0.0054	0.0016	0.0009	0.0001	0.0009	0.0024
428	2045	ALT1	WB	MD	HOV	0.23	0.31	8.30	0.88	2728	1774	0.0121	0.0112	0.0075	0.0004	0.0015	0.0058	0.0017	0.0010	0.0001	0.0010	0.0026
429	2045	ALT1	WB	MD	HOV	0.15	0.21	5.53	0.59	1819	1183	0.0080	0.0075	0.0050	0.0003	0.0010	0.0039	0.0011	0.0007	0.0001	0.0006	0.0017
430	2045	ALT1	WB	MD	HOV	0.26	0.36	9.74	1.01	3168	2059	0.0144	0.0133	0.0086	0.0005	0.0017	0.0066	0.0020	0.0012	0.0002	0.0011	0.0031
431	2045	ALT1	WB	MD	HOV	0.24	0.33	8.78	0.91	2856	1857	0.0129	0.0120	0.0078	0.0004	0.0015	0.0060	0.0018	0.0011	0.0002	0.0010	0.0028
432	2045	ALT1	WB	MD	HOV	0.28	0.38	10.34	1.07	3363	2186	0.0152	0.0141	0.0092	0.0005	0.0018	0.0070	0.0021	0.0012	0.0002	0.0011	0.0033
433	2045	ALT1	WB	MD	HOV	0.22	0.30	7.98	0.83	2596	1687	0.0118	0.0109	0.0071	0.0004	0.0014	0.0054	0.0016	0.0010	0.0001	0.0009	0.0026

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
434	2045	ALT1	WB	MD	HOV	0.18	0.25	6.71	0.69	2182	1419	0.0099	0.0092	0.0059	0.0003	0.0012	0.0046	0.0014	0.0008	0.0001	0.0007	0.0022
435	2045	ALT1	WB	MD	HOV	0.42	0.59	15.91	1.59	5186	3371	0.0249	0.0231	0.0140	0.0007	0.0027	0.0107	0.0032	0.0021	0.0003	0.0016	0.0055
436	2045	ALT1	WB	MD	HOV	0.04	0.06	1.52	0.15	497	323	0.0024	0.0022	0.0013	0.0001	0.0003	0.0010	0.0003	0.0002	0.0000	0.0002	0.0005
437	2045	ALT1	WB	MD	HOV	0.45	0.63	16.92	1.69	5516	3585	0.0265	0.0246	0.0149	0.0008	0.0029	0.0114	0.0034	0.0022	0.0003	0.0017	0.0058
216	2045	ALT1	WB	PM	Mainline	1.03	1.31	21.96	5.44	10601	7596	0.1878	0.1731	0.0312	0.0014	0.0220	0.0540	0.0066	0.0029	0.0010	0.1577	0.2340
217	2045	ALT1	WB	PM	Mainline	1.85	2.35	39.56	10.17	19252	13874	0.3532	0.3253	0.0558	0.0025	0.0418	0.1011	0.0116	0.0051	0.0019	0.2996	0.4530
218	2045	ALT1	WB	PM	Mainline	1.56	2.00	36.40	7.67	16265	11416	0.2289	0.2110	0.0478	0.0023	0.0290	0.0737	0.0102	0.0046	0.0014	0.1791	0.2912
219	2045	ALT1	WB	PM	Mainline	2.04	2.63	52.79	10.99	22509	15883	0.2999	0.2764	0.0620	0.0028	0.0438	0.1073	0.0130	0.0063	0.0018	0.2319	0.4684
220	2045	ALT1	WB	PM	Mainline	1.20	1.54	29.43	6.03	12785	8962	0.1705	0.1572	0.0367	0.0017	0.0229	0.0577	0.0078	0.0036	0.0011	0.1311	0.2326
221	2045	ALT1	WB	PM	Mainline	1.01	1.30	26.43	5.42	11176	7872	0.1457	0.1343	0.0308	0.0014	0.0215	0.0528	0.0065	0.0031	0.0009	0.1117	0.2290
222	2045	ALT1	WB	PM	Mainline	1.20	1.55	30.27	6.06	12935	9049	0.1661	0.1531	0.0368	0.0017	0.0228	0.0577	0.0078	0.0037	0.0010	0.1259	0.2327
223	2045	ALT1	WB	PM	Mainline	0.56	0.73	14.77	2.90	6185	4324	0.0766	0.0706	0.0173	0.0008	0.0110	0.0277	0.0037	0.0018	0.0005	0.0573	0.1135
224	2045	ALT1	WB	PM	Mainline	0.63	0.81	15.42	2.65	6444	4399	0.0668	0.0617	0.0196	0.0010	0.0088	0.0243	0.0043	0.0020	0.0005	0.0452	0.0747
225	2045	ALT1	WB	PM	Mainline	0.40	0.52	9.83	1.70	4132	2823	0.0434	0.0401	0.0126	0.0006	0.0057	0.0157	0.0028	0.0013	0.0003	0.0296	0.0483
226	2045	ALT1	WB	PM	Mainline	1.90	2.44	43.24	7.49	18667	12739	0.2015	0.1858	0.0592	0.0030	0.0253	0.0712	0.0131	0.0057	0.0014	0.1386	0.2081
227	2045	ALT1	WB	PM	Mainline	0.75	0.97	17.07	2.86	7333	4983	0.0751	0.0693	0.0235	0.0012	0.0095	0.0272	0.0052	0.0023	0.0005	0.0501	0.0743
228	2045	ALT1	WB	PM	Mainline	0.43	0.55	9.87	1.60	4197	2841	0.0407	0.0376	0.0135	0.0007	0.0052	0.0152	0.0030	0.0013	0.0003	0.0262	0.0393
229	2045	ALT1	WB	PM	Mainline	2.54	3.29	64.92	10.61	26389	17922	0.2509	0.2315	0.0793	0.0040	0.0339	0.0955	0.0175	0.0082	0.0018	0.1607	0.2812
230	2045	ALT1	WB	PM	Mainline	0.66	0.86	16.61	2.68	6797	4604	0.0634	0.0585	0.0208	0.0011	0.0085	0.0242	0.0046	0.0021	0.0005	0.0400	0.0673
231	2045	ALT1	WB	PM	Mainline	0.66	0.86	17.75	2.85	7054	4789	0.0649	0.0599	0.0207	0.0010	0.0090	0.0253	0.0046	0.0022	0.0005	0.0408	0.0765
232	2045	ALT1	WB	PM	Mainline	0.72	0.94	19.29	3.07	7667	5196	0.0693	0.0640	0.0226	0.0011	0.0096	0.0271	0.0050	0.0024	0.0005	0.0429	0.0795
233	2045	ALT1	WB	PM	Mainline	2.37	3.22	78.12	11.32	27954	18993	0.2182	0.2016	0.0747	0.0036	0.0414	0.1083	0.0160	0.0096	0.0018	0.1106	0.4130
234	2045	ALT1	WB	PM	Mainline	0.36	0.48	11.65	1.72	4201	2849	0.0335	0.0309	0.0113	0.0006	0.0057	0.0152	0.0025	0.0014	0.0003	0.0183	0.0532
235	2045	ALT1	WB	PM	Mainline	1.71	2.36	55.06	7.74	20041	13565	0.1512	0.1398	0.0544	0.0026	0.0297	0.0781	0.0116	0.0076	0.0013	0.0663	0.2974
236	2045	ALT1	WB	PM	Mainline	0.96	1.30	32.10	4.58	11393	7719	0.0873	0.0807	0.0305	0.0015	0.0158	0.0420	0.0066	0.0038	0.0007	0.0443	0.1520
237	2045	ALT1	WB	PM	Mainline	1.71	2.23	46.57	7.37	18345	12434	0.1642	0.1515	0.0536	0.0027	0.0230	0.0647	0.0118	0.0057	0.0012	0.1011	0.1927
238	2045	ALT1	WB	PM	Mainline	0.53	0.70	15.33	2.35	5862	3969	0.0501	0.0462	0.0167	0.0008	0.0073	0.0205	0.0037	0.0018	0.0004	0.0297	0.0626
239	2045	ALT1	WB	PM	Mainline	0.47	0.61	13.57	2.07	5169	3499	0.0439	0.0406	0.0147	0.0007	0.0065	0.0181	0.0032	0.0016	0.0003	0.0260	0.0555
240	2045	ALT1	WB	PM	Mainline	0.57	0.75	17.31	2.55	6417	4334	0.0516	0.0476	0.0179	0.0009	0.0079	0.0220	0.0039	0.0020	0.0004	0.0290	0.0674
241	2045	ALT1	WB	PM	Mainline	2.05	2.74	65.98	9.62	23812	16116	0.1874	0.1730	0.0646	0.0032	0.0310	0.0844	0.0140	0.0077	0.0015	0.1013	0.2836
242	2045	ALT1	WB	PM	Mainline	0.15	0.19	4.34	0.65	1636	1105	0.0134	0.0124	0.0046	0.0002	0.0020	0.0056	0.0010	0.0005	0.0001	0.0077	0.0168
243	2045	ALT1	WB	PM	Mainline	1.77	2.37	57.57	8.38	20677	14004	0.1622	0.1498	0.0558	0.0027	0.0275	0.0742	0.0121	0.0068	0.0013	0.0869	0.2552
244	2045	ALT1	WB	PM	Mainline	0.28	0.37	8.10	1.23	3083	2084	0.0258	0.0238	0.0088	0.0004	0.0038	0.0107	0.0019	0.0010	0.0002	0.0151	0.0320
245	2045	ALT1	WB	PM	Mainline	1.67	2.23	53.99	7.91	19436	13173	0.1539	0.1421	0.0525	0.0026	0.0260	0.0701	0.0114	0.0063	0.0012	0.0834	0.2427
246	2045	ALT1	WB	PM	Mainline	1.33	1.75	39.10	5.89	14759	9981	0.1227	0.1133	0.0417	0.0021	0.0183	0.0511	0.0092	0.0046	0.0009	0.0712	0.1563
247	2045	ALT1	WB	PM	Mainline	1.69	2.25	54.23	8.01	19620	13304	0.1571	0.1451	0.0531	0.0026	0.0263	0.0709	0.0115	0.0063	0.0012	0.0865	0.2449
248	2045	ALT1	WB	PM	Mainline	0.54	0.71	15.53	2.37	5941	4020	0.0505	0.0466	0.0170	0.0008	0.0074	0.0207	0.0037	0.0019	0.0004	0.0298	0.0627
249	2045	ALT1	WB	PM	Mainline	1.76	2.30	49.23	7.65	19111	12942	0.1666	0.1537	0.0552	0.0028	0.0239	0.0670	0.0122	0.0060	0.0013	0.1005	0.2009
250	2045	ALT1	WB	PM	Mainline	2.72	3.58	80.36	12.15	30319	20521	0.2540	0.2345	0.0855	0.0042	0.0380	0.1058	0.0187	0.0095	0.0019	0.1482	0.3281
251	2045	ALT1	WB	PM	Mainline	2.03	2.70	63.59	9.52	23347	15837	0.1918	0.1771	0.0639	0.0031	0.0310	0.0839	0.0139	0.0074	0.0015	0.1091	0.2838
252	2045	ALT1	WB	PM	Mainline	1.67	2.20	48.93	7.47	18567	12577	0.1578	0.1457	0.0525	0.0026	0.0235	0.0652	0.0115	0.0058	0.0012	0.0933	0.2036
253	2045	ALT1	WB	PM	Mainline	1.20	1.57	35.04	5.35	13297	9007	0.1130	0.1043	0.0376	0.0019	0.0168	0.0467	0.0082	0.0042	0.0009	0.0668	0.1458
254	2045	ALT1	WB	PM	Mainline	1.15	1.52	33.78	5.16	12818	8683	0.1090	0.1006	0.0363	0.0018	0.0162	0.0450	0.0079	0.0040	0.0008	0.0644	0.1405
255	2045	ALT1	WB	PM	Mainline	1.91	2.53	58.22	9.00	21767	14815	0.1889	0.1744	0.0599	0.0029	0.0298	0.0802	0.0130	0.0068	0.0014	0.1135	0.2769
256	2045	ALT1	WB	PM	Mainline	1.23	1.60	33.97	5.39	13296	9026	0.1200	0.1107	0.0384	0.0019	0.0171	0.0476	0.0084	0.0041	0.0009	0.0744	0.1472
257	2045	ALT1	WB	PM	Mainline	1.47	1.94	43.57	6.84	16550	11268	0.1475	0.1361	0.0461	0.0023	0.0225	0.0609	0.0100	0.0051	0.0011	0.0907	0.2058
258	2045	ALT1	WB	PM	Mainline	1.46	1.89	36.94	6.00	15048	10207	0.1416	0.1307	0.0456	0.0023	0.0191	0.0540	0.0101	0.0047	0.0010	0.0900	0.1551
259	2045	ALT1	WB	PM	Mainline	2.15	2.78	52.85	8.66	21844	14818	0.2094	0.1933	0.0672	0.0034	0.0276	0.0787	0.0149	0.0068	0.0015	0.1345	0.2214

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
260	2045	ALT1	WB	PM	Mainline	1.38	1.78	35.10	5.71	14276	9688	0.1347	0.1243	0.0431	0.0022	0.0182	0.0514	0.0095	0.0044	0.0010	0.0858	0.1490
261	2045	ALT1	WB	PM	Mainline	1.64	2.13	43.59	7.04	17394	11814	0.1617	0.1492	0.0512	0.0026	0.0224	0.0626	0.0113	0.0054	0.0012	0.1022	0.1898
262	2045	ALT1	WB	PM	Mainline	4.43	5.75	113.74	18.43	46102	31277	0.4319	0.3986	0.1387	0.0070	0.0585	0.1654	0.0306	0.0143	0.0031	0.2739	0.4802
263	2045	ALT1	WB	PM	Mainline	2.04	2.67	58.34	9.07	22422	15208	0.1961	0.1810	0.0639	0.0032	0.0287	0.0797	0.0140	0.0070	0.0015	0.1186	0.2492
264	2045	ALT1	WB	PM	Mainline	0.82	1.12	27.17	3.92	9725	6605	0.0755	0.0697	0.0260	0.0012	0.0144	0.0377	0.0056	0.0034	0.0006	0.0377	0.1436
265	2045	ALT1	WB	PM	Mainline	0.42	0.56	12.91	1.96	4788	3253	0.0404	0.0373	0.0132	0.0006	0.0064	0.0174	0.0029	0.0015	0.0003	0.0237	0.0592
266	2045	ALT1	WB	PM	Mainline	1.48	1.95	44.43	6.73	16641	11281	0.1401	0.1294	0.0464	0.0023	0.0214	0.0588	0.0101	0.0052	0.0011	0.0822	0.1893
267	2045	ALT1	WB	PM	Mainline	0.42	0.55	12.88	1.94	4762	3230	0.0396	0.0365	0.0131	0.0006	0.0063	0.0170	0.0029	0.0015	0.0003	0.0228	0.0568
268	2045	ALT1	WB	PM	Mainline	0.09	0.11	2.18	0.34	885	597	0.0079	0.0073	0.0027	0.0001	0.0011	0.0031	0.0006	0.0003	0.0001	0.0048	0.0082
269	2045	ALT1	WB	PM	Mainline	1.89	2.53	61.87	8.86	22084	14930	0.1692	0.1563	0.0596	0.0029	0.0287	0.0780	0.0129	0.0073	0.0014	0.0879	0.2643
270	2045	ALT1	WB	PM	Mainline	0.95	1.30	31.57	4.34	11209	7569	0.0822	0.0760	0.0301	0.0015	0.0156	0.0415	0.0065	0.0041	0.0007	0.0365	0.1511
271	2045	ALT1	WB	PM	Mainline	1.11	1.47	34.17	5.28	12707	8653	0.1097	0.1013	0.0348	0.0017	0.0177	0.0473	0.0075	0.0040	0.0008	0.0654	0.1661
272	2045	ALT1	WB	PM	Mainline	0.83	1.12	27.07	4.04	9769	6647	0.0793	0.0733	0.0262	0.0013	0.0141	0.0371	0.0056	0.0032	0.0006	0.0437	0.1377
273	2045	ALT1	WB	PM	Mainline	0.85	1.12	25.72	3.93	9618	6533	0.0822	0.0759	0.0266	0.0013	0.0127	0.0347	0.0058	0.0030	0.0006	0.0489	0.1156
274	2045	ALT1	WB	PM	Mainline	1.00	1.31	28.97	4.52	11080	7526	0.0976	0.0901	0.0313	0.0015	0.0145	0.0399	0.0068	0.0034	0.0007	0.0595	0.1290
275	2045	ALT1	WB	PM	Mainline	1.84	2.39	48.07	7.53	19223	12990	0.1698	0.1567	0.0578	0.0029	0.0232	0.0667	0.0128	0.0060	0.0013	0.1031	0.1837
276	2045	ALT1	WB	PM	Mainline	0.53	0.69	13.81	2.12	5507	3709	0.0466	0.0430	0.0167	0.0009	0.0064	0.0186	0.0037	0.0017	0.0004	0.0273	0.0481
277	2045	ALT1	WB	PM	Mainline	1.07	1.39	29.02	4.47	11375	7679	0.0970	0.0895	0.0335	0.0017	0.0136	0.0389	0.0074	0.0036	0.0007	0.0574	0.1082
278	2045	ALT1	WB	PM	Mainline	0.57	0.75	16.23	2.48	6223	4208	0.0526	0.0486	0.0179	0.0009	0.0076	0.0215	0.0039	0.0020	0.0004	0.0310	0.0640
279	2045	ALT1	WB	PM	Mainline	1.08	1.46	35.90	5.08	12730	8607	0.0963	0.0890	0.0342	0.0017	0.0169	0.0456	0.0074	0.0043	0.0008	0.0486	0.1586
280	2045	ALT1	WB	PM	Mainline	1.05	1.38	30.57	4.68	11624	7876	0.0993	0.0917	0.0329	0.0016	0.0147	0.0409	0.0072	0.0036	0.0008	0.0589	0.1277
281	2045	ALT1	WB	PM	Mainline	0.75	1.01	24.55	3.57	8802	5964	0.0690	0.0637	0.0237	0.0012	0.0119	0.0319	0.0051	0.0029	0.0006	0.0367	0.1116
282	2045	ALT1	WB	PM	Mainline	1.08	1.43	32.21	4.94	12156	8250	0.1045	0.0964	0.0340	0.0017	0.0158	0.0434	0.0074	0.0038	0.0008	0.0624	0.1410
283	2045	ALT1	WB	PM	Mainline	1.00	1.33	31.25	4.68	11489	7792	0.0945	0.0872	0.0315	0.0015	0.0152	0.0412	0.0068	0.0036	0.0007	0.0538	0.1383
284	2045	ALT1	WB	PM	Mainline	1.26	1.70	41.71	5.99	14858	10066	0.1147	0.1060	0.0398	0.0019	0.0204	0.0544	0.0086	0.0050	0.0010	0.0593	0.1941
285	2045	ALT1	WB	PM	Mainline	0.89	1.18	27.37	4.03	10104	6830	0.0813	0.0751	0.0280	0.0014	0.0125	0.0349	0.0061	0.0032	0.0006	0.0457	0.1093
286	2045	ALT1	WB	PM	Mainline	0.79	1.06	25.90	3.70	9234	6240	0.0704	0.0650	0.0249	0.0012	0.0119	0.0325	0.0054	0.0031	0.0006	0.0364	0.1093
287	2045	ALT1	WB	PM	Mainline	1.42	1.87	42.55	6.28	15885	10722	0.1278	0.1180	0.0447	0.0022	0.0192	0.0540	0.0098	0.0050	0.0010	0.0719	0.1617
288	2045	ALT1	WB	PM	Mainline	0.16	0.21	4.45	0.66	1705	1147	0.0137	0.0127	0.0050	0.0003	0.0020	0.0057	0.0011	0.0005	0.0001	0.0077	0.0154
289	2045	ALT1	WB	PM	Mainline	1.51	2.00	46.67	6.70	17129	11537	0.1322	0.1221	0.0478	0.0024	0.0201	0.0570	0.0105	0.0054	0.0010	0.0712	0.1682
290	2045	ALT1	WB	PM	Ramp	0.07	0.09	2.28	0.27	787	522	0.0049	0.0046	0.0021	0.0001	0.0008	0.0023	0.0005	0.0003	0.0000	0.0014	0.0062
291	2045	ALT1	WB	PM	Ramp	0.05	0.08	1.68	0.20	627	415	0.0042	0.0038	0.0018	0.0001	0.0006	0.0019	0.0004	0.0003	0.0000	0.0010	0.0049
292	2045	ALT1	WB	PM	Ramp	0.02	0.03	0.73	0.08	252	167	0.0015	0.0014	0.0007	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0004	0.0017
293	2045	ALT1	WB	PM	Ramp	0.18	0.26	2.78	0.38	1517	1006	0.0136	0.0126	0.0058	0.0003	0.0034	0.0088	0.0012	0.0010	0.0002	0.0021	0.0360
294	2045	ALT1	WB	PM	Ramp	0.06	0.09	1.64	0.20	672	445	0.0049	0.0045	0.0020	0.0001	0.0007	0.0022	0.0004	0.0003	0.0001	0.0011	0.0061
295	2045	ALT1	WB	PM	Ramp	0.19	0.28	2.84	0.35	1632	1074	0.0150	0.0139	0.0063	0.0003	0.0028	0.0079	0.0013	0.0012	0.0002	0.0015	0.0270
296	2045	ALT1	WB	PM	Ramp	0.06	0.09	1.23	0.19	596	402	0.0052	0.0049	0.0021	0.0001	0.0015	0.0036	0.0004	0.0003	0.0001	0.0015	0.0163
297	2045	ALT1	WB	PM	Ramp	2.06	2.80	37.33	9.34	19002	13623	0.2182	0.2015	0.0613	0.0023	0.0735	0.1639	0.0115	0.0080	0.0017	0.1296	0.9105
298	2045	ALT1	WB	PM	Ramp	0.00	0.01	0.14	0.02	50	33	0.0003	0.0003	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0003
299	2045	ALT1	WB	PM	Ramp	0.03	0.05	1.06	0.14	381	255	0.0026	0.0025	0.0010	0.0001	0.0005	0.0013	0.0002	0.0002	0.0000	0.0009	0.0044
300	2045	ALT1	WB	PM	Ramp	0.38	0.54	12.38	1.48	4478	2973	0.0295	0.0273	0.0124	0.0006	0.0047	0.0139	0.0027	0.0019	0.0003	0.0080	0.0389
301	2045	ALT1	WB	PM	Ramp	0.19	0.28	3.30	0.44	1720	1143	0.0151	0.0140	0.0063	0.0003	0.0036	0.0094	0.0013	0.0011	0.0002	0.0026	0.0381
302	2045	ALT1	WB	PM	Ramp	0.02	0.03	0.58	0.07	213	142	0.0015	0.0014	0.0006	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0005	0.0022
303	2045	ALT1	WB	PM	Ramp	0.07	0.10	1.83	0.23	762	506	0.0057	0.0053	0.0023	0.0001	0.0009	0.0026	0.0005	0.0004	0.0001	0.0014	0.0076
304	2045	ALT1	WB	PM	Ramp	0.04	0.05	1.01	0.13	415	276	0.0031	0.0029	0.0012	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0046
305	2045	ALT1	WB	PM	Ramp	0.14	0.21	3.01	0.41	1404	937	0.0116	0.0107	0.0047	0.0002	0.0025	0.0066	0.0010	0.0008	0.0001	0.0027	0.0257
306	2045	ALT1	WB	PM	Ramp	0.03	0.05	0.91	0.10	354	233	0.0024	0.0022	0.0010	0.0001	0.0003	0.0010	0.0002	0.0002	0.0000	0.0004	0.0022
307	2045	ALT1	WB	PM	Ramp	0.16	0.24	2.08	0.25	1342	878	0.0132	0.0122	0.0053	0.0003	0.0021	0.0061	0.0012	0.0011	0.0002	0.0009	0.0187

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
308	2045	ALT1	WB	PM	Ramp	0.07	0.10	1.67	0.22	740	494	0.0059	0.0055	0.0023	0.0001	0.0011	0.0031	0.0005	0.0004	0.0001	0.0015	0.0110
309	2045	ALT1	WB	PM	Ramp	0.19	0.29	2.28	0.34	1486	986	0.0152	0.0141	0.0063	0.0003	0.0044	0.0110	0.0013	0.0012	0.0002	0.0019	0.0501
310	2045	ALT1	WB	PM	Ramp	0.36	0.52	9.41	1.27	3959	2652	0.0311	0.0288	0.0118	0.0006	0.0055	0.0151	0.0025	0.0019	0.0003	0.0091	0.0518
311	2045	ALT1	WB	PM	Ramp	0.22	0.32	3.67	0.47	1944	1284	0.0169	0.0157	0.0072	0.0003	0.0035	0.0096	0.0015	0.0013	0.0002	0.0023	0.0352
312	2045	ALT1	WB	PM	Ramp	0.02	0.03	0.56	0.07	221	148	0.0016	0.0015	0.0006	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0005	0.0028
313	2045	ALT1	WB	PM	Ramp	0.32	0.45	10.12	1.25	3698	2464	0.0252	0.0233	0.0103	0.0005	0.0042	0.0122	0.0022	0.0016	0.0003	0.0075	0.0371
314	2045	ALT1	WB	PM	Ramp	0.07	0.11	1.87	0.21	792	521	0.0057	0.0053	0.0024	0.0001	0.0007	0.0024	0.0005	0.0004	0.0001	0.0009	0.0054
315	2045	ALT1	WB	PM	Ramp	0.10	0.15	2.45	0.31	1084	719	0.0084	0.0078	0.0034	0.0002	0.0015	0.0041	0.0007	0.0006	0.0001	0.0018	0.0132
316	2045	ALT1	WB	PM	Ramp	0.06	0.08	1.53	0.17	631	414	0.0044	0.0040	0.0019	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0006	0.0030
317	2045	ALT1	WB	PM	Ramp	0.08	0.11	1.73	0.22	791	526	0.0063	0.0059	0.0026	0.0001	0.0012	0.0034	0.0006	0.0004	0.0001	0.0014	0.0122
318	2045	ALT1	WB	PM	Ramp	0.05	0.07	1.42	0.15	553	363	0.0037	0.0034	0.0016	0.0001	0.0005	0.0015	0.0004	0.0003	0.0000	0.0005	0.0028
319	2045	ALT1	WB	PM	Ramp	0.11	0.15	2.57	0.31	1119	740	0.0085	0.0078	0.0035	0.0002	0.0013	0.0040	0.0008	0.0006	0.0001	0.0016	0.0115
320	2045	ALT1	WB	PM	Ramp	0.08	0.11	1.72	0.20	782	515	0.0060	0.0055	0.0025	0.0001	0.0009	0.0028	0.0006	0.0005	0.0001	0.0009	0.0077
321	2045	ALT1	WB	PM	Ramp	0.10	0.14	2.09	0.26	962	638	0.0077	0.0071	0.0031	0.0002	0.0014	0.0040	0.0007	0.0005	0.0001	0.0015	0.0137
322	2045	ALT1	WB	PM	Ramp	0.09	0.13	1.41	0.19	756	502	0.0068	0.0063	0.0028	0.0001	0.0017	0.0044	0.0006	0.0005	0.0001	0.0011	0.0183
323	2045	ALT1	WB	PM	Ramp	0.13	0.18	4.01	0.51	1504	1005	0.0106	0.0098	0.0042	0.0002	0.0019	0.0052	0.0009	0.0006	0.0001	0.0033	0.0168
324	2045	ALT1	WB	PM	Ramp	0.05	0.07	1.55	0.19	595	396	0.0042	0.0039	0.0017	0.0001	0.0007	0.0020	0.0004	0.0003	0.0000	0.0011	0.0058
325	2045	ALT1	WB	PM	Ramp	0.24	0.35	5.20	0.71	2386	1596	0.0197	0.0182	0.0078	0.0004	0.0042	0.0111	0.0016	0.0013	0.0002	0.0050	0.0432
326	2045	ALT1	WB	PM	Ramp	0.11	0.16	2.74	0.31	1168	769	0.0085	0.0078	0.0036	0.0002	0.0011	0.0036	0.0008	0.0006	0.0001	0.0013	0.0083
327	2045	ALT1	WB	PM	Ramp	0.12	0.17	2.40	0.35	1134	762	0.0097	0.0090	0.0038	0.0002	0.0024	0.0061	0.0008	0.0006	0.0001	0.0026	0.0258
328	2045	ALT1	WB	PM	Ramp	0.05	0.07	1.45	0.16	550	363	0.0036	0.0034	0.0016	0.0001	0.0005	0.0016	0.0003	0.0003	0.0000	0.0007	0.0035
329	2045	ALT1	WB	PM	Ramp	0.08	0.11	1.88	0.23	817	541	0.0062	0.0057	0.0026	0.0001	0.0010	0.0029	0.0006	0.0004	0.0001	0.0012	0.0081
330	2045	ALT1	WB	PM	Ramp	0.04	0.05	1.13	0.13	425	282	0.0029	0.0027	0.0012	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0007	0.0036
331	2045	ALT1	WB	PM	Ramp	0.11	0.15	3.35	0.43	1255	840	0.0090	0.0083	0.0035	0.0002	0.0016	0.0044	0.0008	0.0005	0.0001	0.0029	0.0148
332	2045	ALT1	WB	PM	Ramp	0.05	0.07	1.71	0.22	609	409	0.0043	0.0040	0.0017	0.0001	0.0008	0.0021	0.0004	0.0002	0.0000	0.0016	0.0073
333	2045	ALT1	WB	PM	Ramp	0.08	0.11	2.47	0.34	928	627	0.0070	0.0065	0.0026	0.0001	0.0014	0.0036	0.0006	0.0004	0.0001	0.0027	0.0137
334	2045	ALT1	WB	PM	Ramp	0.05	0.07	1.56	0.22	586	398	0.0045	0.0042	0.0016	0.0001	0.0009	0.0024	0.0003	0.0002	0.0000	0.0019	0.0095
335	2045	ALT1	WB	PM	Ramp	0.13	0.18	3.80	0.53	1459	985	0.0112	0.0103	0.0041	0.0002	0.0022	0.0058	0.0009	0.0006	0.0001	0.0042	0.0219
336	2045	ALT1	WB	PM	Ramp	0.11	0.15	2.88	0.55	1217	853	0.0119	0.0110	0.0035	0.0001	0.0031	0.0072	0.0007	0.0005	0.0001	0.0068	0.0359
337	2045	ALT1	WB	PM	Ramp	0.05	0.07	1.47	0.22	578	394	0.0048	0.0044	0.0016	0.0001	0.0010	0.0026	0.0003	0.0002	0.0000	0.0021	0.0109
338	2045	ALT1	WB	PM	Ramp	0.05	0.07	1.51	0.22	578	392	0.0045	0.0042	0.0016	0.0001	0.0009	0.0024	0.0003	0.0002	0.0000	0.0019	0.0096
339	2045	ALT1	WB	PM	Ramp	0.17	0.22	5.32	0.83	1944	1332	0.0167	0.0154	0.0052	0.0002	0.0031	0.0080	0.0011	0.0006	0.0001	0.0097	0.0320
340	2045	ALT1	WB	PM	Ramp	0.45	0.63	13.86	1.97	5213	3530	0.0401	0.0370	0.0144	0.0007	0.0081	0.0211	0.0031	0.0021	0.0004	0.0166	0.0820
341	2045	ALT1	WB	PM	Ramp	0.65	0.95	17.07	2.16	7160	4762	0.0541	0.0501	0.0215	0.0011	0.0085	0.0248	0.0047	0.0036	0.0006	0.0131	0.0739
342	2045	ALT1	WB	PM	Ramp	0.06	0.08	1.50	0.28	634	443	0.0061	0.0057	0.0018	0.0001	0.0016	0.0037	0.0004	0.0002	0.0000	0.0034	0.0180
343	2045	ALT1	WB	PM	Ramp	0.17	0.25	2.37	0.37	1362	912	0.0131	0.0121	0.0055	0.0002	0.0043	0.0105	0.0011	0.0009	0.0001	0.0025	0.0503
344	2045	ALT1	WB	PM	Ramp	0.07	0.09	1.79	0.27	726	493	0.0059	0.0055	0.0021	0.0001	0.0012	0.0032	0.0004	0.0003	0.0001	0.0023	0.0128
345	2045	ALT1	WB	PM	Ramp	0.07	0.10	1.11	0.15	598	398	0.0054	0.0050	0.0023	0.0001	0.0014	0.0036	0.0005	0.0004	0.0001	0.0009	0.0154
346	2045	ALT1	WB	PM	Ramp	0.10	0.15	1.87	0.24	954	633	0.0082	0.0076	0.0034	0.0002	0.0018	0.0048	0.0007	0.0006	0.0001	0.0013	0.0186
347	2045	ALT1	WB	PM	Ramp	0.12	0.17	2.06	0.25	1072	706	0.0091	0.0085	0.0039	0.0002	0.0017	0.0048	0.0008	0.0007	0.0001	0.0011	0.0159
348	2045	ALT1	WB	PM	Ramp	0.33	0.45	8.85	1.52	3612	2499	0.0327	0.0302	0.0102	0.0005	0.0078	0.0189	0.0021	0.0014	0.0003	0.0168	0.0879
349	2045	ALT1	WB	PM	Ramp	0.17	0.25	3.94	0.46	1781	1173	0.0136	0.0126	0.0058	0.0003	0.0021	0.0063	0.0013	0.0010	0.0002	0.0020	0.0172
350	2045	ALT1	WB	PM	Ramp	0.12	0.17	3.98	0.48	1428	949	0.0094	0.0087	0.0039	0.0002	0.0015	0.0044	0.0009	0.0006	0.0001	0.0026	0.0125
351	2045	ALT1	WB	PM	Ramp	0.07	0.10	1.25	0.21	614	418	0.0056	0.0052	0.0021	0.0001	0.0017	0.0042	0.0004	0.0003	0.0001	0.0019	0.0201
352	2045	ALT1	WB	PM	Ramp	0.07	0.10	1.73	0.20	750	494	0.0056	0.0051	0.0023	0.0001	0.0008	0.0025	0.0005	0.0004	0.0001	0.0009	0.0063
353	2045	ALT1	WB	PM	Ramp	0.18	0.26	4.73	0.55	1962	1294	0.0141	0.0130	0.0059	0.0003	0.0019	0.0060	0.0013	0.0010	0.0002	0.0025	0.0139
354	2045	ALT1	WB	PM	Ramp	0.23	0.34	4.67	0.63	2242	1496	0.0188	0.0174	0.0076	0.0004	0.0043	0.0113	0.0016	0.0013	0.0002	0.0041	0.0452
355	2045	ALT1	WB	PM	Ramp	0.15	0.22	2.59	0.33	1356	897	0.0117	0.0109	0.0050	0.0002	0.0025	0.0067	0.0011	0.0009	0.0001	0.0017	0.0250

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
356	2045	ALT1	WB	PM	Ramp	0.08	0.12	1.77	0.21	822	542	0.0064	0.0059	0.0027	0.0001	0.0010	0.0031	0.0006	0.0005	0.0001	0.0009	0.0091
357	2045	ALT1	WB	PM	Ramp	0.23	0.34	4.11	0.53	2097	1388	0.0179	0.0166	0.0075	0.0004	0.0038	0.0103	0.0016	0.0013	0.0002	0.0028	0.0384
358	2045	ALT1	WB	PM	Ramp	0.24	0.34	2.45	0.47	1573	1067	0.0167	0.0155	0.0073	0.0003	0.0081	0.0183	0.0014	0.0011	0.0002	0.0038	0.0998
359	2045	ALT1	WB	PM	Ramp	0.14	0.21	2.40	0.32	1262	837	0.0111	0.0103	0.0047	0.0002	0.0026	0.0069	0.0010	0.0008	0.0001	0.0018	0.0278
360	2045	ALT1	WB	PM	Ramp	0.15	0.22	1.99	0.33	1160	781	0.0114	0.0105	0.0048	0.0002	0.0043	0.0101	0.0010	0.0008	0.0001	0.0025	0.0509
361	2045	ALT1	WB	PM	Ramp	0.15	0.23	2.03	0.25	1269	833	0.0123	0.0114	0.0050	0.0002	0.0022	0.0062	0.0011	0.0010	0.0001	0.0010	0.0206
362	2045	ALT1	WB	PM	Ramp	0.13	0.19	2.50	0.36	1233	826	0.0107	0.0099	0.0043	0.0002	0.0028	0.0071	0.0009	0.0007	0.0001	0.0026	0.0310
363	2045	ALT1	WB	PM	Ramp	0.23	0.34	4.06	0.46	2135	1398	0.0180	0.0167	0.0077	0.0004	0.0026	0.0080	0.0017	0.0015	0.0002	0.0015	0.0208
364	2045	ALT1	WB	PM	HOV																	
365	2045	ALT1	WB	PM	HOV																	
366	2045	ALT1	WB	PM	HOV																	
367	2045	ALT1	WB	PM	HOV																	
368	2045	ALT1	WB	PM	HOV																	
369	2045	ALT1	WB	PM	HOV																	
370	2045	ALT1	WB	PM	HOV																	
371	2045	ALT1	WB	PM	HOV																	
372	2045	ALT1	WB	PM	HOV																	
373	2045	ALT1	WB	PM	HOV																	
374	2045	ALT1	WB	PM	HOV																	
375	2045	ALT1	WB	PM	HOV																	
376	2045	ALT1	WB	PM	HOV																	
377	2045	ALT1	WB	PM	HOV																	
378	2045	ALT1	WB	PM	HOV																	
379	2045	ALT1	WB	PM	HOV																	
380	2045	ALT1	WB	PM	HOV																	
381	2045	ALT1	WB	PM	HOV																	
382	2045	ALT1	WB	PM	HOV																	
383	2045	ALT1	WB	PM	HOV																	
384	2045	ALT1	WB	PM	HOV																	
385	2045	ALT1	WB	PM	HOV																	
386	2045	ALT1	WB	PM	HOV																	
387	2045	ALT1	WB	PM	HOV																	
388	2045	ALT1	WB	PM	HOV																	
389	2045	ALT1	WB	PM	HOV																	
390	2045	ALT1	WB	PM	HOV																	
391	2045	ALT1	WB	PM	HOV																	
392	2045	ALT1	WB	PM	HOV																	
393	2045	ALT1	WB	PM	HOV																	
394	2045	ALT1	WB	PM	HOV																	
395	2045	ALT1	WB	PM	HOV																	
396	2045	ALT1	WB	PM	HOV																	
397	2045	ALT1	WB	PM	HOV																	
398	2045	ALT1	WB	PM	HOV																	
399	2045	ALT1	WB	PM	HOV																	
400	2045	ALT1	WB	PM	HOV																	
401	2045	ALT1	WB	PM	HOV																	
402	2045	ALT1	WB	PM	HOV																	
403	2045	ALT1	WB	PM	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
404	2045	ALT1	WB	PM	HOV																	
405	2045	ALT1	WB	PM	HOV																	
406	2045	ALT1	WB	PM	HOV																	
407	2045	ALT1	WB	PM	HOV																	
408	2045	ALT1	WB	PM	HOV																	
409	2045	ALT1	WB	PM	HOV																	
410	2045	ALT1	WB	PM	HOV																	
411	2045	ALT1	WB	PM	HOV																	
412	2045	ALT1	WB	PM	HOV																	
413	2045	ALT1	WB	PM	HOV																	
414	2045	ALT1	WB	PM	HOV																	
415	2045	ALT1	WB	PM	HOV																	
416	2045	ALT1	WB	PM	HOV																	
417	2045	ALT1	WB	PM	HOV																	
418	2045	ALT1	WB	PM	HOV																	
419	2045	ALT1	WB	PM	HOV	0.30	0.44	10.36	1.01	3634	2361	0.0199	0.0184	0.0101	0.0005	0.0019	0.0077	0.0023	0.0017	0.0002	0.0011	0.0040
420	2045	ALT1	WB	PM	HOV	0.21	0.31	7.27	0.71	2551	1658	0.0140	0.0129	0.0071	0.0004	0.0013	0.0054	0.0016	0.0012	0.0002	0.0007	0.0028
421	2045	ALT1	WB	PM	HOV	0.20	0.30	6.97	0.68	2458	1597	0.0135	0.0126	0.0069	0.0004	0.0013	0.0052	0.0016	0.0011	0.0002	0.0007	0.0027
422	2045	ALT1	WB	PM	HOV	0.19	0.28	7.09	0.70	2376	1544	0.0121	0.0112	0.0065	0.0003	0.0012	0.0049	0.0015	0.0010	0.0001	0.0007	0.0026
423	2045	ALT1	WB	PM	HOV	0.37	0.53	13.67	1.35	4582	2978	0.0234	0.0217	0.0125	0.0007	0.0024	0.0095	0.0028	0.0019	0.0003	0.0014	0.0050
424	2045	ALT1	WB	PM	HOV	0.09	0.13	3.34	0.33	1121	728	0.0057	0.0053	0.0031	0.0002	0.0006	0.0023	0.0007	0.0005	0.0001	0.0003	0.0012
425	2045	ALT1	WB	PM	HOV	0.22	0.31	7.90	0.78	2648	1721	0.0135	0.0125	0.0072	0.0004	0.0014	0.0055	0.0016	0.0011	0.0002	0.0008	0.0029
426	2045	ALT1	WB	PM	HOV	0.10	0.14	3.78	0.38	1232	801	0.0059	0.0055	0.0033	0.0002	0.0006	0.0025	0.0008	0.0005	0.0001	0.0004	0.0013
427	2045	ALT1	WB	PM	HOV	0.19	0.27	7.23	0.72	2357	1532	0.0113	0.0104	0.0064	0.0003	0.0012	0.0049	0.0014	0.0009	0.0001	0.0007	0.0025
428	2045	ALT1	WB	PM	HOV	0.21	0.29	7.72	0.77	2516	1635	0.0120	0.0112	0.0068	0.0004	0.0013	0.0052	0.0015	0.0010	0.0001	0.0008	0.0026
429	2045	ALT1	WB	PM	HOV	0.14	0.19	5.15	0.52	1677	1090	0.0080	0.0074	0.0045	0.0002	0.0009	0.0035	0.0010	0.0007	0.0001	0.0005	0.0018
430	2045	ALT1	WB	PM	HOV	0.26	0.37	9.39	0.92	3161	2055	0.0163	0.0151	0.0086	0.0005	0.0016	0.0066	0.0020	0.0013	0.0002	0.0010	0.0035
431	2045	ALT1	WB	PM	HOV	0.23	0.33	8.47	0.83	2849	1852	0.0146	0.0136	0.0078	0.0004	0.0015	0.0059	0.0018	0.0012	0.0002	0.0009	0.0031
432	2045	ALT1	WB	PM	HOV	0.27	0.39	9.97	0.98	3357	2181	0.0173	0.0160	0.0092	0.0005	0.0017	0.0070	0.0021	0.0014	0.0002	0.0010	0.0037
433	2045	ALT1	WB	PM	HOV	0.21	0.30	7.70	0.76	2591	1684	0.0133	0.0124	0.0071	0.0004	0.0013	0.0054	0.0016	0.0011	0.0002	0.0008	0.0028
434	2045	ALT1	WB	PM	HOV	0.18	0.25	6.47	0.64	2178	1415	0.0112	0.0104	0.0059	0.0003	0.0011	0.0045	0.0013	0.0009	0.0001	0.0007	0.0024
435	2045	ALT1	WB	PM	HOV	0.40	0.58	13.86	1.35	4845	3149	0.0264	0.0245	0.0135	0.0007	0.0025	0.0102	0.0030	0.0022	0.0003	0.0014	0.0054
436	2045	ALT1	WB	PM	HOV	0.04	0.06	1.33	0.13	465	302	0.0025	0.0023	0.0013	0.0001	0.0002	0.0010	0.0003	0.0002	0.0000	0.0001	0.0005
437	2045	ALT1	WB	PM	HOV	0.43	0.62	14.74	1.44	5153	3348	0.0281	0.0260	0.0143	0.0008	0.0027	0.0109	0.0032	0.0023	0.0003	0.0015	0.0057
216	2045	ALT1	WB	NT	Mainline	1.02	1.25	17.76	8.53	11383	8956	0.3814	0.3511	0.0285	0.0010	0.0397	0.0864	0.0052	0.0022	0.0018	0.3613	0.4943
217	2045	ALT1	WB	NT	Mainline	1.90	2.32	32.76	16.46	21458	16994	0.7406	0.6817	0.0527	0.0018	0.0773	0.1671	0.0095	0.0041	0.0035	0.7044	0.9689
218	2045	ALT1	WB	NT	Mainline	1.51	1.87	27.96	10.80	16225	12368	0.4581	0.4217	0.0435	0.0017	0.0486	0.1091	0.0085	0.0036	0.0022	0.4233	0.5812
219	2045	ALT1	WB	NT	Mainline	2.18	2.70	40.50	16.00	23665	18114	0.6732	0.6198	0.0625	0.0024	0.0729	0.1625	0.0120	0.0052	0.0033	0.6236	0.8792
220	2045	ALT1	WB	NT	Mainline	1.24	1.55	23.48	8.48	13230	9991	0.3509	0.3231	0.0361	0.0015	0.0378	0.0857	0.0071	0.0030	0.0017	0.3211	0.4466
221	2045	ALT1	WB	NT	Mainline	1.11	1.38	20.94	7.85	11961	9086	0.3258	0.3000	0.0321	0.0013	0.0354	0.0796	0.0063	0.0027	0.0016	0.2997	0.4223
222	2045	ALT1	WB	NT	Mainline	1.27	1.59	24.25	8.49	13484	10137	0.3475	0.3199	0.0371	0.0015	0.0376	0.0858	0.0074	0.0031	0.0017	0.3164	0.4410
223	2045	ALT1	WB	NT	Mainline	0.60	0.75	11.48	3.97	6347	4763	0.1617	0.1489	0.0175	0.0007	0.0175	0.0401	0.0035	0.0015	0.0008	0.1469	0.2050
224	2045	ALT1	WB	NT	Mainline	0.79	0.98	15.06	5.29	8371	6298	0.2156	0.1985	0.0229	0.0009	0.0235	0.0535	0.0045	0.0019	0.0011	0.1963	0.2760
225	2045	ALT1	WB	NT	Mainline	0.51	0.63	9.64	3.44	5394	4067	0.1409	0.1298	0.0147	0.0006	0.0153	0.0348	0.0029	0.0012	0.0007	0.1287	0.1807
226	2045	ALT1	WB	NT	Mainline	2.26	2.81	42.50	15.38	23996	18122	0.6402	0.5894	0.0656	0.0027	0.0684	0.1553	0.0129	0.0055	0.0032	0.5861	0.8073
227	2045	ALT1	WB	NT	Mainline	0.82	1.03	15.66	5.31	8615	6443	0.2172	0.2000	0.0241	0.0010	0.0232	0.0534	0.0048	0.0020	0.0011	0.1968	0.2695
228	2045	ALT1	WB	NT	Mainline	0.47	0.59	9.18	2.81	4857	3579	0.1111	0.1023	0.0140	0.0006	0.0120	0.0282	0.0029	0.0012	0.0006	0.0987	0.1352
229	2045	ALT1	WB	NT	Mainline	3.20	4.02	62.69	19.51	33276	24595	0.7683	0.7075	0.0947	0.0041	0.0841	0.1964	0.0192	0.0082	0.0040	0.6851	0.9558

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
230	2045	ALT1	WB	NT	Mainline	0.78	0.98	15.29	4.62	8042	5917	0.1810	0.1667	0.0232	0.0010	0.0197	0.0465	0.0047	0.0020	0.0009	0.1605	0.2219
231	2045	ALT1	WB	NT	Mainline	0.84	1.06	16.50	5.16	8775	6491	0.2037	0.1875	0.0249	0.0011	0.0223	0.0520	0.0051	0.0022	0.0011	0.1818	0.2539
232	2045	ALT1	WB	NT	Mainline	0.87	1.09	16.97	5.13	8922	6566	0.2008	0.1849	0.0257	0.0011	0.0219	0.0516	0.0053	0.0022	0.0010	0.1780	0.2464
233	2045	ALT1	WB	NT	Mainline	2.93	3.68	58.89	18.26	30946	22893	0.6987	0.6434	0.0866	0.0037	0.0794	0.1843	0.0175	0.0076	0.0036	0.6217	0.9101
234	2045	ALT1	WB	NT	Mainline	0.48	0.60	9.66	2.84	4991	3661	0.1077	0.0991	0.0143	0.0006	0.0121	0.0285	0.0029	0.0013	0.0006	0.0948	0.1361
235	2045	ALT1	WB	NT	Mainline	1.92	2.41	38.87	11.67	20145	14835	0.4394	0.4047	0.0567	0.0025	0.0503	0.1175	0.0115	0.0050	0.0023	0.3882	0.5721
236	2045	ALT1	WB	NT	Mainline	1.22	1.53	24.44	7.23	12656	9293	0.2747	0.2530	0.0361	0.0016	0.0309	0.0727	0.0074	0.0032	0.0014	0.2421	0.3478
237	2045	ALT1	WB	NT	Mainline	1.94	2.42	37.74	12.31	20350	15149	0.4886	0.4499	0.0569	0.0024	0.0538	0.1242	0.0114	0.0049	0.0025	0.4394	0.6214
238	2045	ALT1	WB	NT	Mainline	0.61	0.76	11.96	3.79	6374	4726	0.1488	0.1371	0.0179	0.0008	0.0165	0.0383	0.0036	0.0016	0.0008	0.1331	0.1891
239	2045	ALT1	WB	NT	Mainline	0.54	0.67	10.56	3.33	5617	4163	0.1306	0.1202	0.0158	0.0007	0.0145	0.0336	0.0032	0.0014	0.0007	0.1167	0.1658
240	2045	ALT1	WB	NT	Mainline	0.65	0.82	12.94	3.78	6693	4904	0.1445	0.1331	0.0193	0.0009	0.0161	0.0380	0.0040	0.0017	0.0008	0.1271	0.1794
241	2045	ALT1	WB	NT	Mainline	2.44	3.07	48.64	14.54	25337	18628	0.5579	0.5138	0.0724	0.0032	0.0622	0.1462	0.0148	0.0063	0.0029	0.4930	0.7012
242	2045	ALT1	WB	NT	Mainline	0.17	0.21	3.31	0.96	1709	1251	0.0368	0.0339	0.0050	0.0002	0.0041	0.0096	0.0010	0.0004	0.0002	0.0323	0.0453
243	2045	ALT1	WB	NT	Mainline	2.06	2.59	40.95	12.39	21436	15788	0.4781	0.4403	0.0611	0.0027	0.0532	0.1247	0.0124	0.0053	0.0025	0.4237	0.6019
244	2045	ALT1	WB	NT	Mainline	0.31	0.39	6.12	1.82	3191	2343	0.0703	0.0648	0.0092	0.0004	0.0078	0.0183	0.0019	0.0008	0.0004	0.0621	0.0869
245	2045	ALT1	WB	NT	Mainline	1.98	2.49	39.39	11.90	20601	15170	0.4585	0.4222	0.0587	0.0025	0.0511	0.1198	0.0120	0.0051	0.0024	0.4061	0.5779
246	2045	ALT1	WB	NT	Mainline	1.49	1.88	29.59	8.73	15385	11286	0.3365	0.3099	0.0444	0.0020	0.0372	0.0878	0.0091	0.0039	0.0018	0.2967	0.4155
247	2045	ALT1	WB	NT	Mainline	1.98	2.48	39.20	12.04	20635	15229	0.4668	0.4299	0.0586	0.0025	0.0519	0.1212	0.0119	0.0051	0.0024	0.4149	0.5893
248	2045	ALT1	WB	NT	Mainline	0.60	0.76	11.95	3.56	6234	4579	0.1376	0.1268	0.0179	0.0008	0.0152	0.0358	0.0037	0.0016	0.0007	0.1216	0.1702
249	2045	ALT1	WB	NT	Mainline	1.94	2.43	37.80	11.72	20056	14813	0.4624	0.4258	0.0573	0.0025	0.0504	0.1179	0.0117	0.0050	0.0024	0.4120	0.5712
250	2045	ALT1	WB	NT	Mainline	3.06	3.84	60.39	18.05	31557	23192	0.6992	0.6439	0.0907	0.0040	0.0771	0.1815	0.0186	0.0079	0.0037	0.6182	0.8657
251	2045	ALT1	WB	NT	Mainline	2.44	3.05	48.18	14.87	25407	18766	0.5775	0.5318	0.0720	0.0031	0.0642	0.1498	0.0146	0.0063	0.0030	0.5138	0.7303
252	2045	ALT1	WB	NT	Mainline	1.91	2.40	37.70	11.31	19721	14501	0.4383	0.4037	0.0566	0.0025	0.0483	0.1137	0.0116	0.0049	0.0023	0.3878	0.5436
253	2045	ALT1	WB	NT	Mainline	1.37	1.72	27.00	8.10	14123	10385	0.3139	0.2891	0.0405	0.0018	0.0346	0.0814	0.0083	0.0035	0.0016	0.2777	0.3893
254	2045	ALT1	WB	NT	Mainline	1.32	1.65	26.03	7.81	13615	10011	0.3026	0.2787	0.0391	0.0017	0.0334	0.0785	0.0080	0.0034	0.0016	0.2677	0.3753
255	2045	ALT1	WB	NT	Mainline	2.32	2.91	45.50	14.63	24381	18116	0.5767	0.5311	0.0683	0.0029	0.0638	0.1477	0.0138	0.0059	0.0030	0.5172	0.7349
256	2045	ALT1	WB	NT	Mainline	1.40	1.75	27.32	8.53	14513	10733	0.3358	0.3092	0.0412	0.0018	0.0368	0.0859	0.0084	0.0036	0.0017	0.2996	0.4193
257	2045	ALT1	WB	NT	Mainline	1.80	2.25	35.26	11.40	18932	14077	0.4500	0.4144	0.0530	0.0022	0.0498	0.1150	0.0107	0.0046	0.0023	0.4040	0.5737
258	2045	ALT1	WB	NT	Mainline	1.55	1.94	30.13	9.39	16036	11850	0.3726	0.3431	0.0458	0.0020	0.0404	0.0944	0.0093	0.0040	0.0019	0.3324	0.4578
259	2045	ALT1	WB	NT	Mainline	2.25	2.82	43.54	13.80	23327	17279	0.5511	0.5074	0.0664	0.0029	0.0596	0.1388	0.0135	0.0057	0.0028	0.4933	0.6784
260	2045	ALT1	WB	NT	Mainline	1.50	1.88	29.19	9.07	15521	11466	0.3596	0.3311	0.0444	0.0019	0.0390	0.0913	0.0090	0.0038	0.0019	0.3207	0.4421
261	2045	ALT1	WB	NT	Mainline	1.92	2.40	37.23	11.88	19963	14806	0.4727	0.4353	0.0565	0.0024	0.0515	0.1196	0.0114	0.0049	0.0024	0.4235	0.5886
262	2045	ALT1	WB	NT	Mainline	4.97	6.22	96.19	30.58	51567	38219	1.2204	1.1238	0.1465	0.0063	0.1322	0.3078	0.0297	0.0126	0.0063	1.0930	1.5082
263	2045	ALT1	WB	NT	Mainline	2.51	3.14	48.79	15.65	26200	19449	0.6227	0.5734	0.0740	0.0032	0.0679	0.1576	0.0149	0.0064	0.0032	0.5584	0.7786
264	2045	ALT1	WB	NT	Mainline	0.98	1.22	19.27	6.34	10378	7742	0.2483	0.2287	0.0286	0.0012	0.0280	0.0642	0.0057	0.0025	0.0013	0.2235	0.3254
265	2045	ALT1	WB	NT	Mainline	0.51	0.64	10.01	3.29	5414	4036	0.1309	0.1205	0.0151	0.0006	0.0144	0.0333	0.0030	0.0013	0.0007	0.1179	0.1673
266	2045	ALT1	WB	NT	Mainline	1.73	2.15	32.83	12.09	18588	14088	0.4966	0.4572	0.0500	0.0020	0.0544	0.1227	0.0098	0.0042	0.0025	0.4555	0.6481
267	2045	ALT1	WB	NT	Mainline	0.54	0.67	10.22	3.77	5788	4387	0.1547	0.1424	0.0156	0.0006	0.0169	0.0382	0.0030	0.0013	0.0008	0.1419	0.2018
268	2045	ALT1	WB	NT	Mainline	0.09	0.12	1.82	0.63	1004	754	0.0255	0.0235	0.0027	0.0001	0.0028	0.0064	0.0005	0.0002	0.0001	0.0232	0.0330
269	2045	ALT1	WB	NT	Mainline	2.52	3.14	48.59	17.03	26920	20260	0.6867	0.6322	0.0733	0.0030	0.0760	0.1726	0.0145	0.0062	0.0034	0.6249	0.8957
270	2045	ALT1	WB	NT	Mainline	1.15	1.44	22.29	7.79	12321	9270	0.3125	0.2877	0.0335	0.0014	0.0348	0.0790	0.0066	0.0029	0.0016	0.2842	0.4100
271	2045	ALT1	WB	NT	Mainline	1.53	1.89	28.17	11.93	16944	13113	0.5037	0.4637	0.0435	0.0016	0.0555	0.1222	0.0082	0.0035	0.0024	0.4704	0.6809
272	2045	ALT1	WB	NT	Mainline	1.11	1.38	20.59	8.61	12308	9509	0.3617	0.3329	0.0316	0.0012	0.0400	0.0882	0.0060	0.0026	0.0017	0.3372	0.4903
273	2045	ALT1	WB	NT	Mainline	1.12	1.39	20.72	8.49	12296	9465	0.3588	0.3303	0.0320	0.0012	0.0390	0.0865	0.0061	0.0026	0.0017	0.3339	0.4752
274	2045	ALT1	WB	NT	Mainline	1.28	1.58	23.38	9.89	14086	10892	0.4225	0.3889	0.0364	0.0014	0.0457	0.1008	0.0069	0.0030	0.0020	0.3947	0.5588
275	2045	ALT1	WB	NT	Mainline	2.19	2.71	39.31	17.51	24289	18909	0.7652	0.7043	0.0621	0.0023	0.0810	0.1777	0.0116	0.0050	0.0037	0.7191	0.9968
276	2045	ALT1	WB	NT	Mainline	0.62	0.77	11.37	4.56	6701	5137	0.1947	0.1793	0.0178	0.0007	0.0207	0.0461	0.0034	0.0015	0.0009	0.1808	0.2493
277	2045	ALT1	WB	NT	Mainline	1.36	1.69	24.80	10.50	14968	11568	0.4526	0.4166	0.0388	0.0015	0.0482	0.1066	0.0074	0.0032	0.0022	0.4229	0.5887

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
278	2045	ALT1	WB	NT	Mainline	0.74	0.92	13.47	5.75	8161	6315	0.2482	0.2284	0.0211	0.0008	0.0265	0.0584	0.0040	0.0017	0.0012	0.2321	0.3237
279	2045	ALT1	WB	NT	Mainline	1.46	1.81	27.10	11.11	16066	12372	0.4666	0.4296	0.0417	0.0016	0.0513	0.1135	0.0079	0.0034	0.0023	0.4341	0.6251
280	2045	ALT1	WB	NT	Mainline	1.44	1.77	25.97	11.59	16029	12492	0.4991	0.4594	0.0406	0.0015	0.0541	0.1185	0.0075	0.0033	0.0024	0.4689	0.6688
281	2045	ALT1	WB	NT	Mainline	1.06	1.31	19.63	8.05	11637	8962	0.3376	0.3108	0.0302	0.0011	0.0372	0.0822	0.0057	0.0025	0.0016	0.3141	0.4531
282	2045	ALT1	WB	NT	Mainline	1.51	1.87	27.38	12.13	16837	13110	0.5209	0.4795	0.0427	0.0016	0.0566	0.1240	0.0080	0.0034	0.0025	0.4890	0.6991
283	2045	ALT1	WB	NT	Mainline	1.41	1.75	25.84	11.09	15654	12134	0.4718	0.4343	0.0401	0.0015	0.0516	0.1134	0.0075	0.0032	0.0023	0.4414	0.6336
284	2045	ALT1	WB	NT	Mainline	1.76	2.18	32.80	13.30	19339	14870	0.5556	0.5114	0.0503	0.0019	0.0613	0.1359	0.0096	0.0041	0.0027	0.5161	0.7464
285	2045	ALT1	WB	NT	Mainline	1.26	1.56	22.97	9.95	13975	10846	0.4246	0.3908	0.0357	0.0013	0.0463	0.1017	0.0067	0.0029	0.0020	0.3976	0.5696
286	2045	ALT1	WB	NT	Mainline	1.13	1.40	20.97	8.55	12396	9538	0.3578	0.3294	0.0322	0.0012	0.0394	0.0873	0.0061	0.0026	0.0017	0.3326	0.4802
287	2045	ALT1	WB	NT	Mainline	2.02	2.49	36.78	15.98	22410	17401	0.6827	0.6284	0.0572	0.0021	0.0744	0.1634	0.0107	0.0046	0.0033	0.6395	0.9155
288	2045	ALT1	WB	NT	Mainline	0.21	0.26	3.88	1.58	2300	1768	0.0672	0.0618	0.0060	0.0002	0.0073	0.0161	0.0011	0.0005	0.0003	0.0625	0.0880
289	2045	ALT1	WB	NT	Mainline	2.22	2.75	40.97	17.13	24512	18929	0.7234	0.6659	0.0633	0.0024	0.0793	0.1750	0.0120	0.0052	0.0035	0.6746	0.9698
290	2045	ALT1	WB	NT	Ramp	0.04	0.05	1.28	0.16	447	299	0.0030	0.0028	0.0012	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0011	0.0047
291	2045	ALT1	WB	NT	Ramp	0.03	0.05	1.05	0.14	387	259	0.0028	0.0026	0.0011	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0010	0.0047
292	2045	ALT1	WB	NT	Ramp	0.01	0.02	0.45	0.06	156	104	0.0010	0.0010	0.0004	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0004	0.0016
293	2045	ALT1	WB	NT	Ramp	0.11	0.16	2.38	0.35	1094	737	0.0093	0.0086	0.0036	0.0002	0.0022	0.0056	0.0007	0.0006	0.0001	0.0028	0.0232
294	2045	ALT1	WB	NT	Ramp	0.04	0.05	1.10	0.16	426	289	0.0034	0.0031	0.0012	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0014	0.0073
295	2045	ALT1	WB	NT	Ramp	0.08	0.12	1.79	0.25	810	544	0.0067	0.0062	0.0026	0.0001	0.0015	0.0038	0.0005	0.0004	0.0001	0.0019	0.0151
296	2045	ALT1	WB	NT	Ramp	0.02	0.03	0.41	0.08	193	135	0.0019	0.0018	0.0006	0.0000	0.0005	0.0012	0.0001	0.0001	0.0000	0.0009	0.0061
297	2045	ALT1	WB	NT	Ramp	0.48	0.63	10.08	3.06	4949	3696	0.0677	0.0624	0.0138	0.0005	0.0207	0.0446	0.0024	0.0014	0.0004	0.0524	0.2625
298	2045	ALT1	WB	NT	Ramp	0.00	0.00	0.11	0.01	39	26	0.0003	0.0003	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0005
299	2045	ALT1	WB	NT	Ramp	0.02	0.02	0.56	0.08	201	136	0.0015	0.0014	0.0005	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0007	0.0028
300	2045	ALT1	WB	NT	Ramp	0.21	0.29	6.62	0.88	2428	1631	0.0174	0.0161	0.0067	0.0003	0.0032	0.0088	0.0014	0.0010	0.0002	0.0064	0.0309
301	2045	ALT1	WB	NT	Ramp	0.09	0.12	2.34	0.41	967	670	0.0089	0.0082	0.0028	0.0001	0.0021	0.0052	0.0006	0.0004	0.0001	0.0045	0.0242
302	2045	ALT1	WB	NT	Ramp	0.01	0.01	0.32	0.05	115	78	0.0009	0.0008	0.0003	0.0000	0.0002	0.0005	0.0001	0.0000	0.0000	0.0004	0.0019
303	2045	ALT1	WB	NT	Ramp	0.03	0.05	0.90	0.18	376	264	0.0037	0.0035	0.0011	0.0000	0.0010	0.0022	0.0002	0.0001	0.0000	0.0022	0.0113
304	2045	ALT1	WB	NT	Ramp	0.02	0.03	0.68	0.10	253	172	0.0020	0.0018	0.0007	0.0000	0.0004	0.0011	0.0001	0.0001	0.0000	0.0009	0.0043
305	2045	ALT1	WB	NT	Ramp	0.05	0.07	1.28	0.25	535	375	0.0053	0.0049	0.0015	0.0001	0.0013	0.0032	0.0003	0.0002	0.0000	0.0031	0.0158
306	2045	ALT1	WB	NT	Ramp	0.02	0.03	0.70	0.09	258	171	0.0017	0.0016	0.0007	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0005	0.0024
307	2045	ALT1	WB	NT	Ramp	0.08	0.11	1.60	0.24	757	511	0.0066	0.0061	0.0025	0.0001	0.0017	0.0043	0.0005	0.0004	0.0001	0.0020	0.0188
308	2045	ALT1	WB	NT	Ramp	0.05	0.07	1.28	0.22	529	367	0.0049	0.0045	0.0015	0.0001	0.0012	0.0028	0.0003	0.0002	0.0000	0.0025	0.0133
309	2045	ALT1	WB	NT	Ramp	0.04	0.06	0.83	0.18	409	288	0.0043	0.0040	0.0014	0.0001	0.0014	0.0033	0.0003	0.0002	0.0000	0.0022	0.0175
310	2045	ALT1	WB	NT	Ramp	0.22	0.29	5.88	1.39	2525	1831	0.0348	0.0321	0.0065	0.0003	0.0069	0.0157	0.0013	0.0007	0.0002	0.0275	0.0826
311	2045	ALT1	WB	NT	Ramp	0.08	0.12	1.72	0.31	807	556	0.0077	0.0071	0.0026	0.0001	0.0021	0.0050	0.0005	0.0004	0.0001	0.0033	0.0244
312	2045	ALT1	WB	NT	Ramp	0.02	0.02	0.41	0.07	172	119	0.0015	0.0014	0.0005	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0007	0.0041
313	2045	ALT1	WB	NT	Ramp	0.20	0.27	5.84	1.01	2245	1560	0.0207	0.0191	0.0061	0.0003	0.0047	0.0114	0.0012	0.0008	0.0002	0.0121	0.0532
314	2045	ALT1	WB	NT	Ramp	0.03	0.04	0.80	0.11	300	201	0.0022	0.0020	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0007	0.0037
315	2045	ALT1	WB	NT	Ramp	0.06	0.09	1.51	0.23	668	453	0.0057	0.0053	0.0020	0.0001	0.0012	0.0031	0.0004	0.0003	0.0001	0.0020	0.0126
316	2045	ALT1	WB	NT	Ramp	0.04	0.06	1.32	0.17	502	336	0.0036	0.0034	0.0014	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0012	0.0061
317	2045	ALT1	WB	NT	Ramp	0.06	0.09	1.33	0.24	620	428	0.0059	0.0055	0.0020	0.0001	0.0016	0.0038	0.0004	0.0003	0.0001	0.0027	0.0182
318	2045	ALT1	WB	NT	Ramp	0.02	0.02	0.51	0.06	183	121	0.0012	0.0011	0.0005	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0003	0.0014
319	2045	ALT1	WB	NT	Ramp	0.06	0.09	1.43	0.22	633	429	0.0054	0.0050	0.0019	0.0001	0.0011	0.0029	0.0004	0.0003	0.0001	0.0019	0.0119
320	2045	ALT1	WB	NT	Ramp	0.04	0.05	1.07	0.14	409	275	0.0031	0.0028	0.0012	0.0001	0.0006	0.0016	0.0002	0.0002	0.0000	0.0011	0.0057
321	2045	ALT1	WB	NT	Ramp	0.08	0.12	1.90	0.29	855	578	0.0073	0.0068	0.0027	0.0001	0.0016	0.0041	0.0006	0.0004	0.0001	0.0024	0.0170
322	2045	ALT1	WB	NT	Ramp	0.03	0.05	0.88	0.15	360	248	0.0032	0.0030	0.0010	0.0000	0.0008	0.0018	0.0002	0.0001	0.0000	0.0016	0.0084
323	2045	ALT1	WB	NT	Ramp	0.10	0.13	2.66	0.50	1083	759	0.0105	0.0097	0.0030	0.0001	0.0026	0.0062	0.0006	0.0004	0.0001	0.0061	0.0306
324	2045	ALT1	WB	NT	Ramp	0.02	0.03	0.66	0.10	250	170	0.0020	0.0018	0.0007	0.0000	0.0004	0.0011	0.0001	0.0001	0.0000	0.0009	0.0044
325	2045	ALT1	WB	NT	Ramp	0.15	0.20	3.11	0.59	1456	1011	0.0143	0.0132	0.0045	0.0002	0.0038	0.0090	0.0009	0.0007	0.0001	0.0068	0.0438

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
326	2045	ALT1	WB	NT	Ramp	0.06	0.08	1.79	0.24	680	457	0.0050	0.0047	0.0019	0.0001	0.0009	0.0026	0.0004	0.0003	0.0000	0.0018	0.0091
327	2045	ALT1	WB	NT	Ramp	0.14	0.19	2.59	0.55	1271	891	0.0132	0.0122	0.0042	0.0002	0.0042	0.0097	0.0008	0.0006	0.0001	0.0067	0.0510
328	2045	ALT1	WB	NT	Ramp	0.03	0.04	0.91	0.12	336	225	0.0024	0.0022	0.0009	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0008	0.0040
329	2045	ALT1	WB	NT	Ramp	0.06	0.08	1.31	0.21	586	398	0.0051	0.0047	0.0018	0.0001	0.0011	0.0028	0.0004	0.0003	0.0000	0.0019	0.0118
330	2045	ALT1	WB	NT	Ramp	0.02	0.03	0.56	0.09	217	148	0.0018	0.0017	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0008	0.0042
331	2045	ALT1	WB	NT	Ramp	0.08	0.10	2.08	0.39	843	590	0.0081	0.0075	0.0023	0.0001	0.0020	0.0048	0.0005	0.0003	0.0001	0.0047	0.0234
332	2045	ALT1	WB	NT	Ramp	0.03	0.05	0.99	0.18	387	272	0.0038	0.0035	0.0010	0.0000	0.0009	0.0021	0.0002	0.0001	0.0000	0.0024	0.0103
333	2045	ALT1	WB	NT	Ramp	0.08	0.11	2.07	0.45	887	633	0.0096	0.0089	0.0025	0.0001	0.0026	0.0059	0.0005	0.0003	0.0001	0.0063	0.0314
334	2045	ALT1	WB	NT	Ramp	0.03	0.04	0.89	0.19	368	263	0.0041	0.0038	0.0010	0.0000	0.0010	0.0023	0.0002	0.0001	0.0000	0.0028	0.0124
335	2045	ALT1	WB	NT	Ramp	0.13	0.16	2.64	0.79	1288	959	0.0174	0.0160	0.0036	0.0001	0.0053	0.0114	0.0006	0.0004	0.0001	0.0133	0.0668
336	2045	ALT1	WB	NT	Ramp	0.09	0.12	2.12	0.54	952	697	0.0121	0.0111	0.0026	0.0001	0.0033	0.0073	0.0005	0.0003	0.0001	0.0090	0.0411
337	2045	ALT1	WB	NT	Ramp	0.05	0.06	0.72	0.35	447	356	0.0084	0.0077	0.0012	0.0000	0.0026	0.0053	0.0002	0.0001	0.0000	0.0075	0.0338
338	2045	ALT1	WB	NT	Ramp	0.01	0.01	0.18	0.09	111	89	0.0020	0.0018	0.0003	0.0000	0.0007	0.0014	0.0000	0.0000	0.0000	0.0018	0.0087
339	2045	ALT1	WB	NT	Ramp	0.17	0.22	4.78	0.97	1948	1379	0.0238	0.0219	0.0052	0.0002	0.0042	0.0099	0.0011	0.0006	0.0002	0.0178	0.0466
340	2045	ALT1	WB	NT	Ramp	0.68	0.87	13.40	4.77	6998	5356	0.1104	0.1017	0.0189	0.0006	0.0325	0.0692	0.0032	0.0017	0.0006	0.0925	0.4197
341	2045	ALT1	WB	NT	Ramp	0.50	0.67	13.26	2.70	5503	3900	0.0573	0.0529	0.0151	0.0006	0.0148	0.0341	0.0030	0.0019	0.0004	0.0366	0.1763
342	2045	ALT1	WB	NT	Ramp	0.05	0.06	0.98	0.28	468	346	0.0061	0.0056	0.0013	0.0000	0.0018	0.0040	0.0002	0.0001	0.0000	0.0046	0.0232
343	2045	ALT1	WB	NT	Ramp	0.11	0.15	1.58	0.52	892	661	0.0117	0.0108	0.0032	0.0001	0.0054	0.0116	0.0005	0.0003	0.0001	0.0079	0.0699
344	2045	ALT1	WB	NT	Ramp	0.05	0.06	1.03	0.26	472	344	0.0058	0.0053	0.0013	0.0000	0.0017	0.0037	0.0002	0.0002	0.0000	0.0041	0.0208
345	2045	ALT1	WB	NT	Ramp	0.03	0.03	0.42	0.12	224	164	0.0028	0.0026	0.0007	0.0000	0.0011	0.0023	0.0001	0.0001	0.0000	0.0018	0.0135
346	2045	ALT1	WB	NT	Ramp	0.07	0.10	1.22	0.31	633	454	0.0073	0.0067	0.0021	0.0001	0.0027	0.0060	0.0004	0.0003	0.0001	0.0043	0.0341
347	2045	ALT1	WB	NT	Ramp	0.07	0.11	2.01	0.27	826	555	0.0065	0.0060	0.0024	0.0001	0.0012	0.0032	0.0005	0.0004	0.0001	0.0020	0.0114
348	2045	ALT1	WB	NT	Ramp	0.28	0.36	6.37	1.75	2937	2171	0.0393	0.0362	0.0079	0.0003	0.0108	0.0237	0.0014	0.0008	0.0002	0.0304	0.1359
349	2045	ALT1	WB	NT	Ramp	0.10	0.13	2.57	0.46	1055	733	0.0098	0.0090	0.0030	0.0001	0.0024	0.0057	0.0006	0.0004	0.0001	0.0052	0.0271
350	2045	ALT1	WB	NT	Ramp	0.06	0.08	1.96	0.29	720	492	0.0058	0.0054	0.0019	0.0001	0.0012	0.0031	0.0004	0.0003	0.0000	0.0029	0.0126
351	2045	ALT1	WB	NT	Ramp	0.05	0.07	0.75	0.28	440	333	0.0063	0.0058	0.0015	0.0000	0.0026	0.0055	0.0002	0.0001	0.0000	0.0047	0.0337
352	2045	ALT1	WB	NT	Ramp	0.06	0.08	1.36	0.22	612	418	0.0055	0.0051	0.0019	0.0001	0.0012	0.0031	0.0004	0.0003	0.0001	0.0022	0.0137
353	2045	ALT1	WB	NT	Ramp	0.08	0.11	2.47	0.35	935	632	0.0071	0.0066	0.0026	0.0001	0.0014	0.0037	0.0006	0.0004	0.0001	0.0029	0.0143
354	2045	ALT1	WB	NT	Ramp	0.16	0.23	3.49	0.61	1615	1110	0.0151	0.0140	0.0051	0.0002	0.0039	0.0094	0.0010	0.0008	0.0001	0.0064	0.0440
355	2045	ALT1	WB	NT	Ramp	0.04	0.06	1.24	0.20	496	340	0.0042	0.0039	0.0014	0.0001	0.0010	0.0024	0.0003	0.0002	0.0000	0.0020	0.0104
356	2045	ALT1	WB	NT	Ramp	0.05	0.08	1.17	0.21	544	374	0.0051	0.0047	0.0017	0.0001	0.0013	0.0032	0.0003	0.0003	0.0000	0.0022	0.0151
357	2045	ALT1	WB	NT	Ramp	0.15	0.21	3.29	0.48	1491	1004	0.0126	0.0116	0.0048	0.0002	0.0028	0.0072	0.0010	0.0008	0.0001	0.0038	0.0295
358	2045	ALT1	WB	NT	Ramp	0.05	0.07	1.37	0.23	569	391	0.0050	0.0046	0.0016	0.0001	0.0012	0.0029	0.0003	0.0002	0.0000	0.0024	0.0129
359	2045	ALT1	WB	NT	Ramp	0.09	0.13	1.92	0.30	885	599	0.0077	0.0071	0.0029	0.0001	0.0019	0.0047	0.0006	0.0005	0.0001	0.0026	0.0205
360	2045	ALT1	WB	NT	Ramp	0.04	0.05	0.99	0.17	407	281	0.0036	0.0034	0.0012	0.0001	0.0009	0.0021	0.0002	0.0002	0.0000	0.0018	0.0096
361	2045	ALT1	WB	NT	Ramp	0.06	0.08	1.17	0.19	548	374	0.0049	0.0046	0.0018	0.0001	0.0013	0.0032	0.0004	0.0003	0.0000	0.0018	0.0147
362	2045	ALT1	WB	NT	Ramp	0.03	0.05	0.85	0.17	360	254	0.0036	0.0034	0.0010	0.0000	0.0010	0.0022	0.0002	0.0001	0.0000	0.0022	0.0112
363	2045	ALT1	WB	NT	Ramp	0.11	0.15	2.37	0.35	1069	721	0.0090	0.0084	0.0034	0.0002	0.0020	0.0051	0.0007	0.0006	0.0001	0.0028	0.0210
364	2045	ALT1	WB	NT	HOV																	
365	2045	ALT1	WB	NT	HOV																	
366	2045	ALT1	WB	NT	HOV																	
367	2045	ALT1	WB	NT	HOV																	
368	2045	ALT1	WB	NT	HOV																	
369	2045	ALT1	WB	NT	HOV																	
370	2045	ALT1	WB	NT	HOV																	
371	2045	ALT1	WB	NT	HOV																	
372	2045	ALT1	WB	NT	HOV																	
373	2045	ALT1	WB	NT	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
374	2045	ALT1	WB	NT	HOV																	
375	2045	ALT1	WB	NT	HOV																	
376	2045	ALT1	WB	NT	HOV																	
377	2045	ALT1	WB	NT	HOV																	
378	2045	ALT1	WB	NT	HOV																	
379	2045	ALT1	WB	NT	HOV																	
380	2045	ALT1	WB	NT	HOV																	
381	2045	ALT1	WB	NT	HOV																	
382	2045	ALT1	WB	NT	HOV																	
383	2045	ALT1	WB	NT	HOV																	
384	2045	ALT1	WB	NT	HOV																	
385	2045	ALT1	WB	NT	HOV																	
386	2045	ALT1	WB	NT	HOV																	
387	2045	ALT1	WB	NT	HOV																	
388	2045	ALT1	WB	NT	HOV																	
389	2045	ALT1	WB	NT	HOV																	
390	2045	ALT1	WB	NT	HOV																	
391	2045	ALT1	WB	NT	HOV																	
392	2045	ALT1	WB	NT	HOV																	
393	2045	ALT1	WB	NT	HOV																	
394	2045	ALT1	WB	NT	HOV																	
395	2045	ALT1	WB	NT	HOV																	
396	2045	ALT1	WB	NT	HOV																	
397	2045	ALT1	WB	NT	HOV																	
398	2045	ALT1	WB	NT	HOV																	
399	2045	ALT1	WB	NT	HOV																	
400	2045	ALT1	WB	NT	HOV																	
401	2045	ALT1	WB	NT	HOV																	
402	2045	ALT1	WB	NT	HOV																	
403	2045	ALT1	WB	NT	HOV																	
404	2045	ALT1	WB	NT	HOV																	
405	2045	ALT1	WB	NT	HOV																	
406	2045	ALT1	WB	NT	HOV																	
407	2045	ALT1	WB	NT	HOV																	
408	2045	ALT1	WB	NT	HOV																	
409	2045	ALT1	WB	NT	HOV																	
410	2045	ALT1	WB	NT	HOV																	
411	2045	ALT1	WB	NT	HOV																	
412	2045	ALT1	WB	NT	HOV																	
413	2045	ALT1	WB	NT	HOV																	
414	2045	ALT1	WB	NT	HOV																	
415	2045	ALT1	WB	NT	HOV																	
416	2045	ALT1	WB	NT	HOV																	
417	2045	ALT1	WB	NT	HOV																	
418	2045	ALT1	WB	NT	HOV																	
419	2045	ALT1	WB	NT	HOV	0.22	0.29	6.23	0.72	2287	1487	0.0097	0.0090	0.0071	0.0004	0.0014	0.0055	0.0016	0.0008	0.0001	0.0009	0.0018
420	2045	ALT1	WB	NT	HOV	0.16	0.20	4.37	0.50	1605	1044	0.0068	0.0063	0.0050	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0013
421	2045	ALT1	WB	NT	HOV	0.15	0.20	4.24	0.49	1550	1008	0.0066	0.0061	0.0048	0.0003	0.0009	0.0037	0.0011	0.0005	0.0001	0.0006	0.0012

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
422	2045	ALT1	WB	NT	HOV	0.16	0.21	4.45	0.51	1651	1074	0.0070	0.0065	0.0052	0.0003	0.0010	0.0040	0.0012	0.0006	0.0001	0.0007	0.0013
423	2045	ALT1	WB	NT	HOV	0.31	0.41	8.57	0.99	3184	2070	0.0136	0.0126	0.0101	0.0005	0.0020	0.0077	0.0023	0.0011	0.0002	0.0013	0.0025
424	2045	ALT1	WB	NT	HOV	0.08	0.10	2.10	0.24	779	506	0.0033	0.0031	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0006
425	2045	ALT1	WB	NT	HOV	0.18	0.24	4.95	0.57	1840	1196	0.0078	0.0073	0.0058	0.0003	0.0011	0.0045	0.0013	0.0006	0.0001	0.0007	0.0014
426	2045	ALT1	WB	NT	HOV	0.09	0.12	2.39	0.28	908	590	0.0039	0.0036	0.0029	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
427	2045	ALT1	WB	NT	HOV	0.18	0.23	4.57	0.53	1737	1129	0.0074	0.0069	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0013
428	2045	ALT1	WB	NT	HOV	0.19	0.24	4.88	0.57	1854	1205	0.0079	0.0073	0.0060	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0008	0.0014
429	2045	ALT1	WB	NT	HOV	0.12	0.16	3.25	0.38	1236	804	0.0053	0.0049	0.0040	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0009
430	2045	ALT1	WB	NT	HOV	0.22	0.29	5.95	0.69	2225	1447	0.0095	0.0088	0.0071	0.0004	0.0014	0.0054	0.0016	0.0008	0.0001	0.0009	0.0017
431	2045	ALT1	WB	NT	HOV	0.20	0.26	5.37	0.62	2006	1304	0.0086	0.0079	0.0064	0.0003	0.0013	0.0049	0.0015	0.0007	0.0001	0.0008	0.0016
432	2045	ALT1	WB	NT	HOV	0.23	0.31	6.32	0.73	2362	1536	0.0101	0.0093	0.0075	0.0004	0.0015	0.0058	0.0017	0.0008	0.0001	0.0010	0.0018
433	2045	ALT1	WB	NT	HOV	0.18	0.24	4.88	0.56	1823	1185	0.0078	0.0072	0.0058	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
434	2045	ALT1	WB	NT	HOV	0.15	0.20	4.10	0.47	1532	996	0.0065	0.0061	0.0049	0.0003	0.0010	0.0037	0.0011	0.0005	0.0001	0.0006	0.0012
435	2045	ALT1	WB	NT	HOV	0.31	0.40	8.38	0.97	3110	2022	0.0133	0.0123	0.0098	0.0005	0.0019	0.0075	0.0023	0.0011	0.0002	0.0013	0.0025
436	2045	ALT1	WB	NT	HOV	0.03	0.04	0.80	0.09	298	194	0.0013	0.0012	0.0009	0.0001	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
437	2045	ALT1	WB	NT	HOV	0.32	0.43	8.91	1.03	3308	2151	0.0141	0.0131	0.0104	0.0006	0.0021	0.0080	0.0024	0.0011	0.0002	0.0013	0.0026
1	2045	ALT2	EB	AM	Mainline	0.54	0.70	14.31	2.92	6028	4246	0.0780	0.0719	0.0165	0.0008	0.0116	0.0285	0.0035	0.0017	0.0005	0.0596	0.1243
2	2045	ALT2	EB	AM	Mainline	1.38	1.77	34.52	7.37	15019	10611	0.2086	0.1922	0.0419	0.0019	0.0291	0.0715	0.0088	0.0042	0.0013	0.1635	0.3086
3	2045	ALT2	EB	AM	Mainline	0.07	0.09	1.69	0.35	737	516	0.0098	0.0091	0.0021	0.0001	0.0013	0.0033	0.0005	0.0002	0.0001	0.0076	0.0134
4	2045	ALT2	EB	AM	Mainline	1.18	1.52	29.89	6.32	12907	9115	0.1766	0.1627	0.0358	0.0016	0.0250	0.0614	0.0075	0.0036	0.0011	0.1377	0.2663
5	2045	ALT2	EB	AM	Mainline	0.49	0.63	11.84	2.47	5194	3648	0.0712	0.0656	0.0150	0.0007	0.0094	0.0237	0.0032	0.0015	0.0004	0.0553	0.0963
6	2045	ALT2	EB	AM	Mainline	0.71	0.92	17.66	3.79	7732	5462	0.1086	0.1001	0.0217	0.0010	0.0149	0.0368	0.0046	0.0022	0.0007	0.0854	0.1575
7	2045	ALT2	EB	AM	Mainline	1.03	1.34	27.85	5.60	11556	8139	0.1455	0.1341	0.0314	0.0014	0.0226	0.0551	0.0065	0.0033	0.0009	0.1101	0.2436
8	2045	ALT2	EB	AM	Mainline	1.32	1.70	33.36	7.12	14477	10233	0.2006	0.1848	0.0402	0.0018	0.0282	0.0692	0.0084	0.0040	0.0012	0.1572	0.3008
9	2045	ALT2	EB	AM	Mainline	1.10	1.43	29.81	5.98	12356	8697	0.1548	0.1427	0.0335	0.0015	0.0240	0.0587	0.0070	0.0035	0.0010	0.1169	0.2583
10	2045	ALT2	EB	AM	Mainline	0.34	0.44	8.21	1.81	3661	2595	0.0538	0.0496	0.0104	0.0005	0.0072	0.0177	0.0022	0.0010	0.0003	0.0430	0.0764
11	2045	ALT2	EB	AM	Mainline	0.70	0.91	18.57	3.76	7780	5476	0.0994	0.0917	0.0213	0.0010	0.0149	0.0367	0.0045	0.0022	0.0006	0.0756	0.1596
12	2045	ALT2	EB	AM	Mainline	0.50	0.64	12.52	2.59	5390	3792	0.0722	0.0665	0.0151	0.0007	0.0101	0.0250	0.0032	0.0015	0.0004	0.0558	0.1052
13	2045	ALT2	EB	AM	Mainline	0.50	0.64	11.86	2.34	5180	3602	0.0665	0.0613	0.0154	0.0007	0.0085	0.0222	0.0033	0.0015	0.0004	0.0501	0.0819
14	2045	ALT2	EB	AM	Mainline	0.75	0.97	18.10	3.55	7843	5456	0.0996	0.0918	0.0231	0.0011	0.0130	0.0337	0.0050	0.0023	0.0006	0.0748	0.1260
15	2045	ALT2	EB	AM	Mainline	0.91	1.18	24.20	4.63	10027	6988	0.1197	0.1104	0.0281	0.0013	0.0173	0.0439	0.0060	0.0029	0.0008	0.0881	0.1766
16	2045	ALT2	EB	AM	Mainline	0.53	0.69	14.37	2.71	5879	4096	0.0687	0.0633	0.0163	0.0008	0.0102	0.0258	0.0035	0.0017	0.0004	0.0501	0.1051
17	2045	ALT2	EB	AM	Mainline	0.84	1.09	22.66	4.44	9365	6564	0.1147	0.1057	0.0257	0.0012	0.0173	0.0430	0.0054	0.0027	0.0007	0.0856	0.1831
18	2045	ALT2	EB	AM	Mainline	0.71	0.91	17.77	3.51	7580	5292	0.0959	0.0884	0.0217	0.0010	0.0131	0.0334	0.0046	0.0022	0.0006	0.0722	0.1320
19	2045	ALT2	EB	AM	Mainline	0.55	0.71	13.07	2.64	5747	4011	0.0762	0.0703	0.0170	0.0008	0.0098	0.0252	0.0037	0.0017	0.0005	0.0583	0.0959
20	2045	ALT2	EB	AM	Mainline	1.11	1.43	26.34	5.42	11618	8132	0.1577	0.1453	0.0341	0.0016	0.0203	0.0518	0.0073	0.0033	0.0010	0.1217	0.2024
21	2045	ALT2	EB	AM	Mainline	0.12	0.16	2.87	0.59	1279	893	0.0174	0.0160	0.0038	0.0002	0.0022	0.0056	0.0008	0.0004	0.0001	0.0134	0.0213
22	2045	ALT2	EB	AM	Mainline	0.49	0.63	11.54	2.26	5046	3504	0.0642	0.0592	0.0151	0.0007	0.0082	0.0214	0.0033	0.0015	0.0004	0.0481	0.0774
23	2045	ALT2	EB	AM	Mainline	0.49	0.63	11.51	2.32	5072	3536	0.0671	0.0618	0.0151	0.0007	0.0085	0.0221	0.0033	0.0015	0.0004	0.0511	0.0828
24	2045	ALT2	EB	AM	Mainline	0.46	0.59	10.69	2.09	4691	3255	0.0597	0.0551	0.0141	0.0007	0.0075	0.0198	0.0031	0.0014	0.0004	0.0448	0.0708
25	2045	ALT2	EB	AM	Mainline	0.29	0.38	7.00	1.36	3031	2104	0.0380	0.0350	0.0090	0.0004	0.0049	0.0128	0.0019	0.0009	0.0002	0.0283	0.0470
26	2045	ALT2	EB	AM	Mainline	2.56	3.28	58.76	11.28	25838	17882	0.3235	0.2983	0.0790	0.0039	0.0404	0.1075	0.0172	0.0076	0.0021	0.2403	0.3720
27	2045	ALT2	EB	AM	Mainline	2.04	2.61	45.25	8.66	20152	13933	0.2551	0.2352	0.0630	0.0031	0.0312	0.0837	0.0138	0.0060	0.0016	0.1899	0.2816
28	2045	ALT2	EB	AM	Mainline	1.13	1.44	25.28	4.79	11184	7725	0.1391	0.1282	0.0348	0.0017	0.0171	0.0461	0.0076	0.0033	0.0009	0.1028	0.1544
29	2045	ALT2	EB	AM	Mainline	0.78	1.00	17.40	3.22	7680	5287	0.0926	0.0854	0.0242	0.0012	0.0114	0.0311	0.0053	0.0023	0.0006	0.0674	0.0999
30	2045	ALT2	EB	AM	Mainline	1.34	1.71	29.66	5.45	13100	9008	0.1566	0.1444	0.0415	0.0021	0.0192	0.0527	0.0091	0.0039	0.0010	0.1135	0.1668
31	2045	ALT2	EB	AM	Mainline	1.00	1.28	22.43	4.08	9833	6753	0.1149	0.1060	0.0310	0.0015	0.0142	0.0391	0.0068	0.0030	0.0008	0.0825	0.1229
32	2045	ALT2	EB	AM	Mainline	1.07	1.38	24.85	4.58	10784	7422	0.1266	0.1168	0.0332	0.0016	0.0159	0.0432	0.0073	0.0032	0.0008	0.0913	0.1418

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
33	2045	ALT2	EB	AM	Mainline	0.98	1.27	23.44	4.24	10024	6886	0.1135	0.1047	0.0305	0.0015	0.0146	0.0396	0.0067	0.0030	0.0008	0.0805	0.1289
34	2045	ALT2	EB	AM	Mainline	1.16	1.50	28.29	5.19	12021	8284	0.1385	0.1277	0.0359	0.0018	0.0181	0.0485	0.0078	0.0036	0.0009	0.0993	0.1664
35	2045	ALT2	EB	AM	Mainline	0.65	0.84	15.60	2.77	6634	4547	0.0731	0.0674	0.0203	0.0010	0.0094	0.0258	0.0044	0.0020	0.0005	0.0510	0.0821
36	2045	ALT2	EB	AM	Mainline	0.78	1.01	18.69	3.32	7948	5447	0.0875	0.0807	0.0243	0.0012	0.0113	0.0309	0.0053	0.0024	0.0006	0.0612	0.0983
37	2045	ALT2	EB	AM	Mainline	1.05	1.35	25.17	4.48	10705	7337	0.1179	0.1087	0.0327	0.0016	0.0152	0.0416	0.0072	0.0032	0.0008	0.0824	0.1325
38	2045	ALT2	EB	AM	Mainline	1.56	2.02	38.94	6.73	16192	11074	0.1696	0.1564	0.0487	0.0024	0.0225	0.0618	0.0107	0.0049	0.0012	0.1155	0.1969
39	2045	ALT2	EB	AM	Mainline	1.66	2.14	39.90	6.83	16796	11451	0.1736	0.1602	0.0517	0.0026	0.0225	0.0629	0.0114	0.0051	0.0012	0.1169	0.1876
40	2045	ALT2	EB	AM	Mainline	1.11	1.42	25.54	4.43	10966	7488	0.1180	0.1089	0.0345	0.0017	0.0149	0.0418	0.0076	0.0033	0.0008	0.0812	0.1240
41	2045	ALT2	EB	AM	Mainline	0.41	0.53	9.79	1.68	4132	2818	0.0429	0.0396	0.0128	0.0006	0.0055	0.0155	0.0028	0.0013	0.0003	0.0290	0.0461
42	2045	ALT2	EB	AM	Mainline	1.20	1.55	29.74	5.12	12385	8464	0.1291	0.1191	0.0374	0.0019	0.0171	0.0471	0.0082	0.0038	0.0009	0.0876	0.1479
43	2045	ALT2	EB	AM	Mainline	0.52	0.68	12.44	2.13	5272	3594	0.0550	0.0507	0.0164	0.0008	0.0071	0.0198	0.0036	0.0016	0.0004	0.0372	0.0585
44	2045	ALT2	EB	AM	Mainline	0.83	1.07	19.68	3.38	8337	5684	0.0869	0.0802	0.0259	0.0013	0.0112	0.0313	0.0057	0.0026	0.0006	0.0588	0.0925
45	2045	ALT2	EB	AM	Mainline	0.37	0.47	8.79	1.50	3708	2526	0.0382	0.0352	0.0115	0.0006	0.0049	0.0138	0.0025	0.0011	0.0003	0.0256	0.0407
46	2045	ALT2	EB	AM	Mainline	0.97	1.25	24.20	4.12	10022	6838	0.1022	0.0943	0.0302	0.0015	0.0136	0.0376	0.0066	0.0031	0.0007	0.0685	0.1165
47	2045	ALT2	EB	AM	Mainline	0.06	0.07	1.34	0.23	566	385	0.0058	0.0054	0.0018	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0039	0.0061
48	2045	ALT2	EB	AM	Mainline	1.17	1.51	27.38	4.68	11665	7949	0.1219	0.1125	0.0366	0.0018	0.0156	0.0438	0.0081	0.0036	0.0008	0.0825	0.1274
49	2045	ALT2	EB	AM	Mainline	0.09	0.12	2.23	0.38	938	640	0.0097	0.0089	0.0029	0.0001	0.0013	0.0035	0.0006	0.0003	0.0001	0.0065	0.0104
50	2045	ALT2	EB	AM	Mainline	1.44	1.86	34.67	6.00	14643	10000	0.1545	0.1425	0.0450	0.0023	0.0200	0.0555	0.0099	0.0045	0.0011	0.1053	0.1689
51	2045	ALT2	EB	AM	Mainline	0.23	0.30	5.89	1.01	2433	1662	0.0250	0.0230	0.0073	0.0004	0.0033	0.0092	0.0016	0.0007	0.0002	0.0168	0.0291
52	2045	ALT2	EB	AM	Mainline	0.34	0.44	8.83	1.49	3573	2440	0.0356	0.0328	0.0105	0.0005	0.0049	0.0134	0.0023	0.0011	0.0003	0.0236	0.0434
53	2045	ALT2	EB	AM	Mainline	0.25	0.32	6.67	1.15	2680	1839	0.0275	0.0253	0.0077	0.0004	0.0039	0.0104	0.0017	0.0008	0.0002	0.0186	0.0364
54	2045	ALT2	EB	AM	Mainline	1.25	1.64	35.99	6.13	14068	9680	0.1416	0.1306	0.0390	0.0019	0.0217	0.0565	0.0084	0.0042	0.0010	0.0950	0.2123
55	2045	ALT2	EB	AM	Mainline	0.62	0.81	15.95	2.83	6594	4532	0.0714	0.0659	0.0193	0.0009	0.0097	0.0260	0.0042	0.0020	0.0005	0.0497	0.0896
56	2045	ALT2	EB	AM	Mainline	0.77	0.99	20.36	3.68	8322	5749	0.0921	0.0849	0.0237	0.0011	0.0131	0.0341	0.0051	0.0025	0.0006	0.0651	0.1266
57	2045	ALT2	EB	AM	Mainline	0.48	0.62	10.94	2.00	4782	3287	0.0562	0.0518	0.0150	0.0007	0.0070	0.0191	0.0033	0.0014	0.0004	0.0404	0.0610
58	2045	ALT2	EB	AM	Mainline	1.56	2.00	35.88	6.75	15706	10839	0.1910	0.1761	0.0483	0.0024	0.0239	0.0642	0.0106	0.0047	0.0012	0.1400	0.2157
59	2045	ALT2	EB	AM	Mainline	0.40	0.51	8.97	1.66	3962	2728	0.0479	0.0441	0.0125	0.0006	0.0059	0.0160	0.0027	0.0012	0.0003	0.0349	0.0517
60	2045	ALT2	EB	AM	Mainline	1.58	2.02	35.56	6.83	15771	10912	0.1995	0.1840	0.0488	0.0024	0.0246	0.0657	0.0107	0.0047	0.0013	0.1487	0.2243
61	2045	ALT2	EB	AM	Mainline	0.35	0.45	7.72	1.47	3456	2388	0.0438	0.0404	0.0109	0.0005	0.0053	0.0143	0.0024	0.0010	0.0003	0.0326	0.0474
62	2045	ALT2	EB	AM	Mainline	0.70	0.89	14.99	2.97	6822	4737	0.0921	0.0849	0.0215	0.0011	0.0110	0.0292	0.0047	0.0020	0.0006	0.0704	0.1005
63	2045	ALT2	EB	AM	Mainline	0.26	0.34	5.68	1.17	2610	1822	0.0372	0.0343	0.0081	0.0004	0.0044	0.0115	0.0018	0.0008	0.0002	0.0290	0.0417
64	2045	ALT2	EB	AM	Mainline	0.78	0.99	16.72	3.64	7774	5469	0.1184	0.1091	0.0238	0.0011	0.0140	0.0358	0.0051	0.0022	0.0007	0.0947	0.1380
65	2045	ALT2	EB	AM	Mainline	0.25	0.32	5.37	1.16	2485	1745	0.0372	0.0343	0.0076	0.0004	0.0044	0.0114	0.0016	0.0007	0.0002	0.0296	0.0433
66	2045	ALT2	EB	AM	Mainline	0.09	0.12	2.03	0.48	962	686	0.0162	0.0150	0.0028	0.0001	0.0019	0.0048	0.0006	0.0003	0.0001	0.0134	0.0202
67	2045	ALT2	EB	AM	Mainline	0.63	0.80	13.16	3.63	6586	4793	0.1309	0.1206	0.0188	0.0008	0.0153	0.0363	0.0039	0.0017	0.0007	0.1133	0.1695
68	2045	ALT2	EB	AM	Mainline	0.47	0.59	9.71	2.60	4837	3501	0.0940	0.0866	0.0141	0.0006	0.0108	0.0259	0.0029	0.0013	0.0005	0.0808	0.1173
69	2045	ALT2	EB	AM	Mainline	1.06	1.34	21.61	6.37	11130	8175	0.2388	0.2200	0.0315	0.0014	0.0273	0.0641	0.0064	0.0028	0.0013	0.2102	0.3086
70	2045	ALT2	EB	AM	Mainline	0.66	0.83	13.06	3.77	6740	4927	0.1443	0.1328	0.0196	0.0009	0.0159	0.0378	0.0040	0.0017	0.0008	0.1265	0.1764
71	2045	ALT2	EB	AM	Mainline	0.85	1.06	16.75	5.13	8820	6506	0.1996	0.1838	0.0251	0.0011	0.0221	0.0516	0.0051	0.0022	0.0010	0.1773	0.2499
72	2045	ALT2	EB	AM	Mainline	0.84	1.06	16.69	4.83	8635	6314	0.1858	0.1711	0.0251	0.0011	0.0204	0.0485	0.0052	0.0022	0.0010	0.1631	0.2260
73	2045	ALT2	EB	AM	Ramp	0.06	0.09	1.32	0.17	606	402	0.0048	0.0045	0.0020	0.0001	0.0009	0.0025	0.0004	0.0003	0.0001	0.0010	0.0088
74	2045	ALT2	EB	AM	Ramp	0.05	0.07	0.94	0.13	468	313	0.0041	0.0038	0.0017	0.0001	0.0010	0.0027	0.0003	0.0003	0.0000	0.0009	0.0114
75	2045	ALT2	EB	AM	Ramp	0.08	0.12	1.31	0.16	704	463	0.0061	0.0057	0.0026	0.0001	0.0011	0.0032	0.0006	0.0005	0.0001	0.0007	0.0107
76	2045	ALT2	EB	AM	Ramp	0.10	0.14	1.61	0.22	840	559	0.0074	0.0069	0.0031	0.0001	0.0019	0.0048	0.0006	0.0005	0.0001	0.0014	0.0203
77	2045	ALT2	EB	AM	Ramp	0.06	0.09	1.28	0.17	610	406	0.0050	0.0047	0.0021	0.0001	0.0011	0.0029	0.0004	0.0004	0.0001	0.0011	0.0113
78	2045	ALT2	EB	AM	Ramp	0.10	0.15	1.38	0.20	830	551	0.0081	0.0075	0.0034	0.0002	0.0023	0.0057	0.0007	0.0006	0.0001	0.0012	0.0254
79	2045	ALT2	EB	AM	Ramp	0.10	0.15	1.56	0.22	866	576	0.0079	0.0073	0.0034	0.0002	0.0021	0.0053	0.0007	0.0006	0.0001	0.0013	0.0226
80	2045	ALT2	EB	AM	Ramp	0.19	0.28	3.22	0.42	1708	1131	0.0150	0.0139	0.0063	0.0003	0.0033	0.0089	0.0013	0.0011	0.0002	0.0022	0.0340

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
81	2045	ALT2	EB	AM	Ramp	0.13	0.18	3.48	0.46	1406	940	0.0106	0.0098	0.0041	0.0002	0.0018	0.0052	0.0009	0.0007	0.0001	0.0031	0.0171
82	2045	ALT2	EB	AM	Ramp	0.16	0.24	3.34	0.40	1599	1055	0.0128	0.0119	0.0054	0.0003	0.0022	0.0065	0.0012	0.0010	0.0001	0.0019	0.0204
83	2045	ALT2	EB	AM	Ramp	0.02	0.03	0.64	0.11	263	182	0.0024	0.0022	0.0007	0.0000	0.0006	0.0014	0.0002	0.0001	0.0000	0.0012	0.0066
84	2045	ALT2	EB	AM	Ramp	0.04	0.06	1.35	0.16	499	330	0.0033	0.0031	0.0014	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0041
85	2045	ALT2	EB	AM	Ramp	0.11	0.15	3.04	0.55	1243	865	0.0116	0.0107	0.0035	0.0002	0.0028	0.0068	0.0007	0.0005	0.0001	0.0064	0.0326
86	2045	ALT2	EB	AM	Ramp	0.10	0.14	2.36	0.44	1058	736	0.0103	0.0095	0.0031	0.0001	0.0025	0.0061	0.0006	0.0005	0.0001	0.0051	0.0293
87	2045	ALT2	EB	AM	Ramp	0.04	0.05	0.74	0.11	348	235	0.0030	0.0028	0.0012	0.0001	0.0008	0.0019	0.0002	0.0002	0.0000	0.0010	0.0086
88	2045	ALT2	EB	AM	Ramp	0.12	0.17	2.35	0.33	1122	751	0.0095	0.0088	0.0038	0.0002	0.0023	0.0058	0.0008	0.0006	0.0001	0.0023	0.0240
89	2045	ALT2	EB	AM	Ramp	0.02	0.03	0.39	0.06	182	123	0.0016	0.0015	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0005	0.0043
90	2045	ALT2	EB	AM	Ramp	0.03	0.04	0.41	0.15	236	177	0.0033	0.0030	0.0008	0.0000	0.0014	0.0029	0.0001	0.0001	0.0000	0.0024	0.0179
91	2045	ALT2	EB	AM	Ramp	0.11	0.15	2.34	0.38	1074	732	0.0097	0.0089	0.0034	0.0002	0.0024	0.0059	0.0007	0.0005	0.0001	0.0037	0.0265
92	2045	ALT2	EB	AM	Ramp	0.05	0.07	0.83	0.19	433	306	0.0046	0.0043	0.0016	0.0001	0.0019	0.0043	0.0003	0.0002	0.0000	0.0023	0.0240
93	2045	ALT2	EB	AM	Ramp	0.42	0.55	10.11	2.48	4470	3250	0.0544	0.0501	0.0122	0.0005	0.0148	0.0330	0.0023	0.0014	0.0004	0.0395	0.1831
94	2045	ALT2	EB	AM	Ramp	0.33	0.47	7.74	1.20	3446	2337	0.0298	0.0276	0.0106	0.0005	0.0064	0.0164	0.0022	0.0017	0.0003	0.0107	0.0675
95	2045	ALT2	EB	AM	Ramp	0.18	0.25	2.43	0.43	1349	917	0.0131	0.0122	0.0055	0.0002	0.0053	0.0124	0.0011	0.0008	0.0001	0.0036	0.0644
96	2045	ALT2	EB	AM	Ramp	0.02	0.03	0.79	0.11	282	190	0.0020	0.0019	0.0008	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0009	0.0037
97	2045	ALT2	EB	AM	Ramp	0.05	0.06	1.14	0.23	492	346	0.0050	0.0046	0.0014	0.0001	0.0013	0.0031	0.0003	0.0002	0.0000	0.0029	0.0156
98	2045	ALT2	EB	AM	Ramp	0.03	0.04	0.62	0.15	279	202	0.0032	0.0030	0.0008	0.0000	0.0009	0.0021	0.0001	0.0001	0.0000	0.0022	0.0113
99	2045	ALT2	EB	AM	Ramp	0.07	0.09	1.82	0.34	738	516	0.0071	0.0065	0.0020	0.0001	0.0018	0.0042	0.0004	0.0003	0.0001	0.0041	0.0204
100	2045	ALT2	EB	AM	Ramp	0.10	0.13	2.81	0.40	1082	732	0.0084	0.0078	0.0030	0.0001	0.0017	0.0044	0.0006	0.0004	0.0001	0.0034	0.0174
101	2045	ALT2	EB	AM	Ramp	0.03	0.04	0.85	0.17	341	241	0.0035	0.0032	0.0009	0.0000	0.0008	0.0020	0.0002	0.0001	0.0000	0.0023	0.0100
102	2045	ALT2	EB	AM	Ramp	0.04	0.06	1.34	0.18	497	333	0.0036	0.0033	0.0014	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0012	0.0061
103	2045	ALT2	EB	AM	Ramp	0.01	0.02	0.46	0.07	169	114	0.0013	0.0012	0.0005	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0006	0.0025
104	2045	ALT2	EB	AM	Ramp	0.08	0.12	1.96	0.24	863	571	0.0065	0.0061	0.0027	0.0001	0.0010	0.0031	0.0006	0.0005	0.0001	0.0012	0.0088
105	2045	ALT2	EB	AM	Ramp	0.03	0.04	0.87	0.12	336	225	0.0025	0.0023	0.0010	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0008	0.0044
106	2045	ALT2	EB	AM	Ramp	0.02	0.04	0.34	0.04	205	135	0.0019	0.0018	0.0008	0.0000	0.0003	0.0010	0.0002	0.0002	0.0000	0.0002	0.0033
107	2045	ALT2	EB	AM	Ramp	0.05	0.07	1.24	0.21	530	365	0.0048	0.0045	0.0015	0.0001	0.0011	0.0028	0.0003	0.0002	0.0000	0.0023	0.0129
108	2045	ALT2	EB	AM	Ramp	0.10	0.15	2.14	0.25	1005	661	0.0078	0.0073	0.0033	0.0002	0.0012	0.0037	0.0007	0.0006	0.0001	0.0010	0.0106
109	2045	ALT2	EB	AM	Ramp	0.05	0.07	1.36	0.21	542	370	0.0045	0.0042	0.0015	0.0001	0.0010	0.0025	0.0003	0.0002	0.0000	0.0019	0.0104
110	2045	ALT2	EB	AM	Ramp	0.10	0.15	2.47	0.30	1078	714	0.0082	0.0076	0.0034	0.0002	0.0013	0.0039	0.0007	0.0006	0.0001	0.0016	0.0117
111	2045	ALT2	EB	AM	Ramp	0.03	0.04	1.03	0.13	374	250	0.0026	0.0024	0.0010	0.0001	0.0005	0.0013	0.0002	0.0002	0.0000	0.0009	0.0045
112	2045	ALT2	EB	AM	Ramp	0.11	0.16	2.48	0.33	1117	744	0.0089	0.0083	0.0036	0.0002	0.0017	0.0047	0.0008	0.0006	0.0001	0.0021	0.0169
113	2045	ALT2	EB	AM	Ramp	0.07	0.10	1.73	0.23	747	498	0.0058	0.0054	0.0023	0.0001	0.0010	0.0028	0.0005	0.0004	0.0001	0.0015	0.0093
114	2045	ALT2	EB	AM	Ramp	0.07	0.11	1.66	0.20	755	498	0.0058	0.0054	0.0025	0.0001	0.0009	0.0028	0.0005	0.0004	0.0001	0.0009	0.0082
115	2045	ALT2	EB	AM	Ramp																	
116	2045	ALT2	EB	AM	Ramp	0.02	0.04	0.63	0.07	269	177	0.0020	0.0018	0.0008	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0003	0.0019
117	2045	ALT2	EB	AM	Ramp	0.04	0.06	1.08	0.15	449	302	0.0036	0.0033	0.0013	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0012	0.0065
118	2045	ALT2	EB	AM	Ramp	0.03	0.04	0.68	0.08	289	191	0.0021	0.0020	0.0009	0.0000	0.0003	0.0010	0.0002	0.0002	0.0000	0.0004	0.0025
119	2045	ALT2	EB	AM	Ramp	0.06	0.09	1.66	0.21	667	444	0.0049	0.0046	0.0020	0.0001	0.0008	0.0023	0.0004	0.0003	0.0001	0.0013	0.0072
120	2045	ALT2	EB	AM	Ramp	0.03	0.05	0.79	0.09	335	222	0.0025	0.0023	0.0010	0.0001	0.0004	0.0011	0.0002	0.0002	0.0000	0.0004	0.0028
121	2045	ALT2	EB	AM	Ramp	0.08	0.11	2.61	0.37	950	644	0.0072	0.0067	0.0026	0.0001	0.0014	0.0037	0.0005	0.0004	0.0001	0.0033	0.0145
122	2045	ALT2	EB	AM	Ramp	0.73	1.02	20.33	3.05	8121	5522	0.0663	0.0613	0.0232	0.0011	0.0140	0.0359	0.0049	0.0035	0.0006	0.0275	0.1477
123	2045	ALT2	EB	AM	Ramp	0.50	0.69	14.62	2.13	5632	3821	0.0444	0.0411	0.0158	0.0007	0.0091	0.0236	0.0033	0.0023	0.0004	0.0185	0.0942
124	2045	ALT2	EB	AM	Ramp																	
125	2045	ALT2	EB	AM	Ramp	0.17	0.25	2.47	0.36	1400	933	0.0131	0.0122	0.0055	0.0003	0.0038	0.0095	0.0011	0.0010	0.0001	0.0022	0.0425
126	2045	ALT2	EB	AM	Ramp	0.02	0.03	0.39	0.06	180	121	0.0015	0.0014	0.0006	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0005	0.0038
127	2045	ALT2	EB	AM	Ramp	0.25	0.37	3.07	0.42	1980	1306	0.0198	0.0184	0.0082	0.0004	0.0045	0.0119	0.0017	0.0016	0.0002	0.0019	0.0475
128	2045	ALT2	EB	AM	Ramp	0.00	0.01	0.11	0.01	45	30	0.0003	0.0003	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0004

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
129	2045	ALT2	EB	AM	Ramp	0.29	0.42	3.80	0.58	2248	1502	0.0219	0.0203	0.0092	0.0004	0.0070	0.0171	0.0019	0.0016	0.0002	0.0038	0.0808
130	2045	ALT2	EB	AM	Ramp	0.03	0.04	0.81	0.11	303	204	0.0023	0.0021	0.0008	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0009	0.0045
131	2045	ALT2	EB	AM	Ramp	0.30	0.44	5.00	0.69	2621	1744	0.0232	0.0214	0.0097	0.0005	0.0058	0.0150	0.0020	0.0017	0.0003	0.0041	0.0624
132	2045	ALT2	EB	AM	Ramp	0.02	0.03	0.59	0.08	220	149	0.0017	0.0015	0.0006	0.0000	0.0003	0.0009	0.0001	0.0001	0.0000	0.0007	0.0033
133	2045	ALT2	EB	AM	Ramp	0.20	0.29	4.10	0.52	1942	1288	0.0157	0.0146	0.0065	0.0003	0.0031	0.0086	0.0014	0.0011	0.0002	0.0029	0.0308
134	2045	ALT2	EB	AM	Ramp	0.20	0.28	6.11	0.86	2294	1551	0.0175	0.0162	0.0064	0.0003	0.0035	0.0092	0.0014	0.0009	0.0002	0.0071	0.0352
135	2045	ALT2	EB	AM	Ramp	0.20	0.28	3.43	0.52	1728	1164	0.0155	0.0143	0.0062	0.0003	0.0046	0.0112	0.0013	0.0010	0.0002	0.0041	0.0518
136	2045	ALT2	EB	AM	Ramp	0.01	0.01	0.18	0.03	79	53	0.0007	0.0006	0.0002	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0002	0.0014
137	2045	ALT2	EB	AM	Ramp	0.85	1.12	18.05	4.89	8642	6330	0.1074	0.0990	0.0247	0.0009	0.0326	0.0717	0.0045	0.0028	0.0007	0.0763	0.4082
138	2045	ALT2	EB	AM	Ramp																	
139	2045	ALT2	EB	AM	Ramp	0.03	0.05	0.78	0.10	350	233	0.0028	0.0026	0.0011	0.0001	0.0005	0.0015	0.0002	0.0002	0.0000	0.0007	0.0052
140	2045	ALT2	EB	AM	Ramp	0.15	0.21	2.55	0.35	1312	874	0.0115	0.0106	0.0048	0.0002	0.0028	0.0073	0.0010	0.0008	0.0001	0.0021	0.0303
141	2045	ALT2	EB	AM	Ramp	0.01	0.02	0.35	0.04	126	83	0.0008	0.0008	0.0003	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0002	0.0010
142	2045	ALT2	EB	AM	Ramp	0.06	0.08	1.67	0.19	653	430	0.0044	0.0041	0.0019	0.0001	0.0006	0.0019	0.0004	0.0003	0.0000	0.0007	0.0040
143	2045	ALT2	EB	AM	Ramp	0.03	0.05	1.07	0.12	382	252	0.0024	0.0022	0.0011	0.0001	0.0003	0.0011	0.0002	0.0002	0.0000	0.0005	0.0026
144	2045	ALT2	EB	AM	HOV	0.07	0.09	2.37	0.26	795	517	0.0034	0.0032	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0007
145	2045	ALT2	EB	AM	HOV	0.18	0.25	6.25	0.67	2099	1365	0.0091	0.0084	0.0059	0.0003	0.0012	0.0046	0.0014	0.0007	0.0001	0.0008	0.0019
146	2045	ALT2	EB	AM	HOV	0.01	0.01	0.27	0.03	90	59	0.0004	0.0004	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
147	2045	ALT2	EB	AM	HOV	0.15	0.21	5.28	0.57	1775	1154	0.0077	0.0071	0.0050	0.0003	0.0010	0.0039	0.0011	0.0006	0.0001	0.0006	0.0016
148	2045	ALT2	EB	AM	HOV	0.06	0.08	1.92	0.21	646	420	0.0028	0.0026	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0006
149	2045	ALT2	EB	AM	HOV	0.09	0.12	3.17	0.34	1064	691	0.0046	0.0043	0.0030	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0010
150	2045	ALT2	EB	AM	HOV	0.11	0.15	3.52	0.39	1224	796	0.0052	0.0049	0.0036	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0010
151	2045	ALT2	EB	AM	HOV	0.15	0.20	4.75	0.53	1653	1075	0.0071	0.0066	0.0048	0.0003	0.0010	0.0037	0.0011	0.0006	0.0001	0.0006	0.0014
152	2045	ALT2	EB	AM	HOV	0.12	0.16	3.77	0.42	1311	852	0.0056	0.0052	0.0038	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0011
153	2045	ALT2	EB	AM	HOV	0.05	0.07	1.53	0.17	546	355	0.0023	0.0022	0.0016	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
154	2045	ALT2	EB	AM	HOV	0.10	0.13	2.93	0.33	1044	678	0.0045	0.0041	0.0031	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0009
155	2045	ALT2	EB	AM	HOV	0.07	0.10	2.18	0.25	776	504	0.0033	0.0031	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0006
156	2045	ALT2	EB	AM	HOV	0.06	0.08	1.72	0.19	610	397	0.0026	0.0024	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
157	2045	ALT2	EB	AM	HOV	0.10	0.13	3.02	0.34	1074	698	0.0046	0.0042	0.0032	0.0002	0.0006	0.0025	0.0007	0.0004	0.0001	0.0004	0.0009
158	2045	ALT2	EB	AM	HOV	0.12	0.15	3.48	0.39	1237	804	0.0053	0.0049	0.0037	0.0002	0.0007	0.0028	0.0009	0.0004	0.0001	0.0005	0.0010
159	2045	ALT2	EB	AM	HOV	0.07	0.09	1.99	0.22	708	460	0.0030	0.0028	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0006
160	2045	ALT2	EB	AM	HOV	0.12	0.16	3.71	0.42	1320	858	0.0056	0.0052	0.0040	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0011
161	2045	ALT2	EB	AM	HOV	0.05	0.07	1.43	0.16	523	340	0.0022	0.0021	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
162	2045	ALT2	EB	AM	HOV	0.04	0.05	1.02	0.12	376	244	0.0016	0.0015	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
163	2045	ALT2	EB	AM	HOV	0.09	0.11	2.42	0.28	888	577	0.0038	0.0035	0.0028	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0004	0.0007
164	2045	ALT2	EB	AM	HOV	0.01	0.01	0.24	0.03	89	58	0.0004	0.0004	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
165	2045	ALT2	EB	AM	HOV	0.04	0.05	1.13	0.13	415	270	0.0018	0.0016	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
166	2045	ALT2	EB	AM	HOV	0.05	0.07	1.40	0.16	514	334	0.0022	0.0020	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
167	2045	ALT2	EB	AM	HOV	0.04	0.05	0.99	0.11	363	236	0.0015	0.0014	0.0011	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
168	2045	ALT2	EB	AM	HOV	0.02	0.03	0.64	0.07	236	153	0.0010	0.0009	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
169	2045	ALT2	EB	AM	HOV	0.21	0.27	5.84	0.67	2142	1393	0.0091	0.0085	0.0067	0.0004	0.0013	0.0051	0.0015	0.0007	0.0001	0.0009	0.0017
170	2045	ALT2	EB	AM	HOV	0.15	0.20	4.22	0.49	1548	1007	0.0066	0.0061	0.0048	0.0003	0.0010	0.0037	0.0011	0.0005	0.0001	0.0006	0.0012
171	2045	ALT2	EB	AM	HOV	0.05	0.07	1.34	0.16	525	341	0.0022	0.0021	0.0018	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0004
172	2045	ALT2	EB	AM	HOV	0.03	0.04	0.79	0.09	307	199	0.0013	0.0012	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0002
173	2045	ALT2	EB	AM	HOV	0.06	0.07	1.40	0.16	546	355	0.0023	0.0022	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
174	2045	ALT2	EB	AM	HOV	0.04	0.05	0.99	0.11	386	251	0.0016	0.0015	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
175	2045	ALT2	EB	AM	HOV	0.05	0.06	1.18	0.14	462	300	0.0020	0.0018	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0003
176	2045	ALT2	EB	AM	HOV	0.04	0.05	1.03	0.12	403	262	0.0017	0.0016	0.0014	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
177	2045	ALT2	EB	AM	HOV	0.06	0.07	1.41	0.16	549	357	0.0023	0.0022	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
178	2045	ALT2	EB	AM	HOV	0.03	0.04	0.68	0.08	266	173	0.0011	0.0011	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
179	2045	ALT2	EB	AM	HOV	0.03	0.04	0.82	0.10	320	208	0.0014	0.0013	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0002
180	2045	ALT2	EB	AM	HOV	0.05	0.06	1.10	0.13	430	279	0.0018	0.0017	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
181	2045	ALT2	EB	AM	HOV	0.08	0.11	2.96	0.31	970	631	0.0043	0.0040	0.0027	0.0001	0.0005	0.0021	0.0006	0.0004	0.0001	0.0003	0.0009
182	2045	ALT2	EB	AM	HOV	0.08	0.10	2.77	0.29	908	591	0.0040	0.0037	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0009
183	2045	ALT2	EB	AM	HOV	0.06	0.08	2.01	0.21	659	428	0.0029	0.0027	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0006
184	2045	ALT2	EB	AM	HOV	0.02	0.03	0.70	0.07	228	148	0.0010	0.0009	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0002
185	2045	ALT2	EB	AM	HOV	0.06	0.09	2.30	0.24	754	490	0.0034	0.0031	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0007
186	2045	ALT2	EB	AM	HOV	0.03	0.03	0.91	0.10	298	194	0.0013	0.0012	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0003
187	2045	ALT2	EB	AM	HOV	0.04	0.05	1.43	0.15	470	306	0.0021	0.0019	0.0013	0.0001	0.0003	0.0010	0.0003	0.0002	0.0000	0.0002	0.0005
188	2045	ALT2	EB	AM	HOV	0.02	0.02	0.62	0.07	205	133	0.0009	0.0008	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0002
189	2045	ALT2	EB	AM	HOV	0.05	0.07	1.84	0.19	605	393	0.0027	0.0025	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0006
190	2045	ALT2	EB	AM	HOV	0.00	0.00	0.10	0.01	32	21	0.0001	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
191	2045	ALT2	EB	AM	HOV	0.08	0.10	2.07	0.24	783	509	0.0033	0.0031	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0006
192	2045	ALT2	EB	AM	HOV	0.01	0.01	0.16	0.02	62	40	0.0003	0.0002	0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
193	2045	ALT2	EB	AM	HOV	0.12	0.16	3.22	0.37	1217	791	0.0052	0.0048	0.0039	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0009
194	2045	ALT2	EB	AM	HOV	0.01	0.02	0.37	0.04	141	92	0.0006	0.0006	0.0005	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
195	2045	ALT2	EB	AM	HOV	0.02	0.02	0.44	0.05	168	109	0.0007	0.0007	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
196	2045	ALT2	EB	AM	HOV	0.01	0.02	0.37	0.04	140	91	0.0006	0.0006	0.0005	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
197	2045	ALT2	EB	AM	HOV	0.08	0.11	2.16	0.25	816	530	0.0035	0.0032	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0006
198	2045	ALT2	EB	AM	HOV	0.04	0.05	0.96	0.11	365	237	0.0016	0.0014	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
199	2045	ALT2	EB	AM	HOV	0.08	0.10	2.27	0.26	810	527	0.0035	0.0032	0.0024	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0007
200	2045	ALT2	EB	AM	HOV	0.04	0.05	1.17	0.13	417	271	0.0018	0.0016	0.0013	0.0001	0.0002	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
201	2045	ALT2	EB	AM	HOV	0.15	0.20	4.44	0.50	1583	1030	0.0068	0.0063	0.0048	0.0003	0.0009	0.0037	0.0011	0.0005	0.0001	0.0006	0.0013
202	2045	ALT2	EB	AM	HOV	0.03	0.05	1.03	0.12	367	239	0.0016	0.0015	0.0011	0.0001	0.0002	0.0008	0.0003	0.0001	0.0000	0.0001	0.0003
203	2045	ALT2	EB	AM	HOV	0.16	0.21	4.73	0.53	1686	1096	0.0072	0.0067	0.0051	0.0003	0.0010	0.0039	0.0012	0.0006	0.0001	0.0007	0.0014
204	2045	ALT2	EB	AM	HOV	0.03	0.04	1.03	0.12	364	237	0.0016	0.0014	0.0011	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
205	2045	ALT2	EB	AM	HOV	0.08	0.10	2.28	0.26	810	527	0.0035	0.0032	0.0024	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0007
206	2045	ALT2	EB	AM	HOV	0.03	0.04	1.03	0.12	366	238	0.0016	0.0014	0.0011	0.0001	0.0002	0.0008	0.0003	0.0001	0.0000	0.0001	0.0003
207	2045	ALT2	EB	AM	HOV	0.12	0.16	3.75	0.42	1330	865	0.0057	0.0053	0.0040	0.0002	0.0008	0.0031	0.0009	0.0005	0.0001	0.0005	0.0011
208	2045	ALT2	EB	AM	HOV	0.04	0.05	1.16	0.13	411	267	0.0018	0.0016	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0003
209	2045	ALT2	EB	AM	HOV	0.01	0.01	0.29	0.03	105	68	0.0004	0.0004	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
210	2045	ALT2	EB	AM	HOV	0.11	0.15	3.78	0.41	1260	819	0.0055	0.0051	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0005	0.0012
211	2045	ALT2	EB	AM	HOV	0.07	0.10	2.61	0.28	869	565	0.0038	0.0035	0.0024	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0008
212	2045	ALT2	EB	AM	HOV	0.20	0.27	6.98	0.75	2328	1513	0.0102	0.0094	0.0065	0.0003	0.0013	0.0050	0.0015	0.0008	0.0001	0.0008	0.0021
213	2045	ALT2	EB	AM	HOV	0.12	0.16	4.01	0.43	1339	871	0.0058	0.0054	0.0038	0.0002	0.0007	0.0029	0.0009	0.0005	0.0001	0.0005	0.0012
214	2045	ALT2	EB	AM	HOV																	
215	2045	ALT2	EB	AM	HOV																	
1	2045	ALT2	EB	MD	Mainline	1.08	1.37	24.73	6.68	11843	8648	0.2162	0.1992	0.0319	0.0014	0.0293	0.0681	0.0064	0.0030	0.0012	0.1850	0.3377
2	2045	ALT2	EB	MD	Mainline	2.72	3.44	60.03	17.02	29621	21737	0.5791	0.5334	0.0803	0.0034	0.0748	0.1732	0.0162	0.0074	0.0031	0.5028	0.8625
3	2045	ALT2	EB	MD	Mainline	0.14	0.18	3.15	0.81	1495	1080	0.0263	0.0242	0.0042	0.0002	0.0034	0.0080	0.0009	0.0004	0.0001	0.0222	0.0376
4	2045	ALT2	EB	MD	Mainline	2.40	3.04	55.06	14.85	26371	19250	0.4813	0.4433	0.0711	0.0030	0.0651	0.1513	0.0143	0.0067	0.0026	0.4117	0.7495
5	2045	ALT2	EB	MD	Mainline	0.95	1.20	20.82	5.64	10178	7407	0.1930	0.1778	0.0283	0.0012	0.0240	0.0565	0.0058	0.0026	0.0010	0.1658	0.2698
6	2045	ALT2	EB	MD	Mainline	1.40	1.77	30.64	8.74	15212	11163	0.3014	0.2776	0.0415	0.0018	0.0381	0.0886	0.0084	0.0038	0.0016	0.2622	0.4387
7	2045	ALT2	EB	MD	Mainline	2.03	2.58	47.02	12.71	22467	16418	0.4084	0.3761	0.0601	0.0026	0.0562	0.1301	0.0121	0.0057	0.0022	0.3494	0.6497
8	2045	ALT2	EB	MD	Mainline	2.59	3.27	56.92	16.34	28245	20763	0.5598	0.5155	0.0765	0.0032	0.0720	0.1665	0.0154	0.0070	0.0030	0.4875	0.8335
9	2045	ALT2	EB	MD	Mainline	2.22	2.83	52.90	13.70	24660	17938	0.4233	0.3899	0.0658	0.0028	0.0605	0.1405	0.0132	0.0063	0.0024	0.3572	0.6972

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
10	2045	ALT2	EB	MD	Mainline	0.67	0.84	14.39	4.22	7235	5329	0.1477	0.1360	0.0197	0.0008	0.0186	0.0429	0.0039	0.0018	0.0008	0.1293	0.2147
11	2045	ALT2	EB	MD	Mainline	1.37	1.74	31.09	8.51	15018	10979	0.2794	0.2574	0.0405	0.0017	0.0373	0.0867	0.0082	0.0038	0.0015	0.2401	0.4302
12	2045	ALT2	EB	MD	Mainline	0.95	1.20	20.85	5.88	10306	7550	0.2018	0.1859	0.0282	0.0012	0.0256	0.0595	0.0057	0.0026	0.0011	0.1751	0.2930
13	2045	ALT2	EB	MD	Mainline	0.94	1.19	20.09	5.15	9763	7033	0.1784	0.1643	0.0283	0.0013	0.0212	0.0512	0.0059	0.0026	0.0010	0.1512	0.2291
14	2045	ALT2	EB	MD	Mainline	1.42	1.80	30.82	7.89	14875	10720	0.2688	0.2476	0.0426	0.0019	0.0324	0.0782	0.0089	0.0039	0.0015	0.2275	0.3535
15	2045	ALT2	EB	MD	Mainline	1.80	2.29	41.98	10.35	19499	14035	0.3259	0.3002	0.0540	0.0024	0.0433	0.1032	0.0111	0.0052	0.0018	0.2714	0.4806
16	2045	ALT2	EB	MD	Mainline	1.05	1.34	24.86	6.07	11443	8234	0.1878	0.1730	0.0315	0.0014	0.0255	0.0607	0.0065	0.0030	0.0011	0.1558	0.2841
17	2045	ALT2	EB	MD	Mainline	1.65	2.10	38.64	10.05	18176	13208	0.3175	0.2925	0.0490	0.0021	0.0437	0.1021	0.0099	0.0047	0.0018	0.2687	0.4997
18	2045	ALT2	EB	MD	Mainline	1.37	1.74	30.90	7.97	14740	10659	0.2626	0.2419	0.0411	0.0018	0.0335	0.0795	0.0085	0.0038	0.0015	0.2223	0.3726
19	2045	ALT2	EB	MD	Mainline	1.06	1.35	23.25	6.04	11249	8126	0.2055	0.1894	0.0319	0.0014	0.0250	0.0599	0.0066	0.0029	0.0011	0.1746	0.2745
20	2045	ALT2	EB	MD	Mainline	2.18	2.76	47.83	12.59	23175	16785	0.4275	0.3938	0.0652	0.0029	0.0526	0.1253	0.0134	0.0060	0.0023	0.3644	0.5844
21	2045	ALT2	EB	MD	Mainline	0.25	0.31	5.35	1.36	2580	1858	0.0463	0.0427	0.0074	0.0003	0.0056	0.0135	0.0015	0.0007	0.0003	0.0392	0.0609
22	2045	ALT2	EB	MD	Mainline	0.93	1.19	20.52	4.96	9710	6940	0.1643	0.1514	0.0282	0.0013	0.0199	0.0488	0.0059	0.0026	0.0009	0.1364	0.2115
23	2045	ALT2	EB	MD	Mainline	0.94	1.19	20.70	5.06	9806	7022	0.1677	0.1545	0.0283	0.0013	0.0204	0.0498	0.0059	0.0026	0.0009	0.1397	0.2190
24	2045	ALT2	EB	MD	Mainline	0.88	1.12	19.37	4.54	9088	6466	0.1488	0.1371	0.0267	0.0012	0.0180	0.0446	0.0056	0.0025	0.0009	0.1223	0.1881
25	2045	ALT2	EB	MD	Mainline	0.57	0.72	12.78	2.98	5927	4218	0.0952	0.0878	0.0171	0.0008	0.0118	0.0291	0.0036	0.0016	0.0005	0.0780	0.1248
26	2045	ALT2	EB	MD	Mainline	5.01	6.38	110.08	24.93	51242	36270	0.8077	0.7443	0.1526	0.0072	0.0973	0.2441	0.0325	0.0143	0.0047	0.6552	0.9946
27	2045	ALT2	EB	MD	Mainline	3.93	5.00	84.00	19.07	39548	27982	0.6344	0.5846	0.1198	0.0057	0.0746	0.1882	0.0256	0.0110	0.0037	0.5164	0.7543
28	2045	ALT2	EB	MD	Mainline	2.16	2.75	46.64	10.49	21829	15429	0.3448	0.3178	0.0659	0.0031	0.0409	0.1032	0.0141	0.0061	0.0020	0.2794	0.4125
29	2045	ALT2	EB	MD	Mainline	1.47	1.86	31.35	6.93	14661	10334	0.2279	0.2101	0.0448	0.0021	0.0268	0.0683	0.0096	0.0041	0.0013	0.1836	0.2666
30	2045	ALT2	EB	MD	Mainline	2.48	3.15	52.68	11.59	24654	17365	0.3822	0.3522	0.0757	0.0036	0.0448	0.1144	0.0162	0.0070	0.0022	0.3073	0.4428
31	2045	ALT2	EB	MD	Mainline	1.82	2.32	38.99	8.55	18193	12809	0.2799	0.2580	0.0557	0.0027	0.0329	0.0842	0.0120	0.0052	0.0017	0.2246	0.3257
32	2045	ALT2	EB	MD	Mainline	1.97	2.50	42.61	9.56	19884	14050	0.3120	0.2875	0.0599	0.0028	0.0372	0.0939	0.0128	0.0056	0.0018	0.2524	0.3754
33	2045	ALT2	EB	MD	Mainline	1.80	2.29	39.76	8.76	18337	12930	0.2791	0.2572	0.0549	0.0026	0.0338	0.0855	0.0117	0.0052	0.0016	0.2237	0.3399
34	2045	ALT2	EB	MD	Mainline	2.09	2.67	46.79	10.69	21688	15378	0.3423	0.3154	0.0637	0.0030	0.0419	0.1043	0.0135	0.0060	0.0020	0.2782	0.4334
35	2045	ALT2	EB	MD	Mainline	1.17	1.49	25.71	5.61	11842	8338	0.1784	0.1644	0.0356	0.0017	0.0215	0.0548	0.0076	0.0033	0.0011	0.1424	0.2153
36	2045	ALT2	EB	MD	Mainline	1.40	1.78	30.81	6.72	14186	9989	0.2137	0.1969	0.0427	0.0020	0.0258	0.0656	0.0091	0.0040	0.0013	0.1706	0.2579
37	2045	ALT2	EB	MD	Mainline	1.88	2.40	41.49	9.05	19108	13454	0.2878	0.2652	0.0575	0.0027	0.0348	0.0884	0.0123	0.0054	0.0017	0.2298	0.3474
38	2045	ALT2	EB	MD	Mainline	2.69	3.44	60.23	13.18	27602	19449	0.4141	0.3817	0.0822	0.0039	0.0506	0.1281	0.0176	0.0078	0.0024	0.3307	0.5099
39	2045	ALT2	EB	MD	Mainline	2.80	3.57	61.29	13.13	28191	19794	0.4171	0.3844	0.0858	0.0041	0.0500	0.1284	0.0185	0.0080	0.0025	0.3307	0.4919
40	2045	ALT2	EB	MD	Mainline	1.84	2.34	39.33	8.59	18338	12905	0.2811	0.2591	0.0562	0.0027	0.0331	0.0847	0.0121	0.0052	0.0017	0.2253	0.3264
41	2045	ALT2	EB	MD	Mainline	0.70	0.89	15.21	3.24	6988	4903	0.1027	0.0947	0.0213	0.0010	0.0123	0.0317	0.0046	0.0020	0.0006	0.0812	0.1206
42	2045	ALT2	EB	MD	Mainline	2.04	2.61	45.42	9.95	20870	14706	0.3145	0.2899	0.0624	0.0030	0.0382	0.0969	0.0133	0.0059	0.0019	0.2514	0.3846
43	2045	ALT2	EB	MD	Mainline	0.89	1.13	19.37	4.14	8920	6259	0.1317	0.1214	0.0272	0.0013	0.0157	0.0405	0.0059	0.0025	0.0008	0.1043	0.1542
44	2045	ALT2	EB	MD	Mainline	1.41	1.79	30.64	6.54	14104	9897	0.2083	0.1920	0.0431	0.0021	0.0249	0.0641	0.0093	0.0040	0.0012	0.1649	0.2438
45	2045	ALT2	EB	MD	Mainline	0.63	0.80	13.69	2.90	6277	4400	0.0915	0.0844	0.0192	0.0009	0.0110	0.0283	0.0041	0.0018	0.0005	0.0722	0.1072
46	2045	ALT2	EB	MD	Mainline	1.65	2.11	36.97	7.94	16863	11850	0.2473	0.2279	0.0506	0.0024	0.0302	0.0770	0.0108	0.0048	0.0015	0.1958	0.3006
47	2045	ALT2	EB	MD	Mainline	0.10	0.12	2.09	0.44	957	670	0.0138	0.0127	0.0029	0.0001	0.0017	0.0043	0.0006	0.0003	0.0001	0.0109	0.0161
48	2045	ALT2	EB	MD	Mainline	1.96	2.50	42.41	9.04	19562	13721	0.2890	0.2664	0.0600	0.0029	0.0344	0.0886	0.0129	0.0056	0.0017	0.2288	0.3350
49	2045	ALT2	EB	MD	Mainline	0.16	0.21	3.57	0.75	1626	1138	0.0232	0.0214	0.0049	0.0002	0.0028	0.0073	0.0011	0.0005	0.0001	0.0181	0.0273
50	2045	ALT2	EB	MD	Mainline	2.59	3.30	57.72	12.28	26298	18455	0.3820	0.3521	0.0792	0.0038	0.0465	0.1192	0.0170	0.0075	0.0023	0.3012	0.4596
51	2045	ALT2	EB	MD	Mainline	0.44	0.56	10.18	2.12	4542	3181	0.0630	0.0581	0.0134	0.0006	0.0079	0.0203	0.0029	0.0013	0.0004	0.0490	0.0789
52	2045	ALT2	EB	MD	Mainline	0.66	0.84	15.70	3.20	6888	4818	0.0923	0.0851	0.0201	0.0010	0.0120	0.0306	0.0043	0.0020	0.0006	0.0709	0.1194
53	2045	ALT2	EB	MD	Mainline	0.49	0.62	11.83	2.49	5195	3656	0.0720	0.0664	0.0149	0.0007	0.0096	0.0240	0.0032	0.0015	0.0004	0.0563	0.0993
54	2045	ALT2	EB	MD	Mainline	2.49	3.20	63.49	13.43	27344	19320	0.3731	0.3438	0.0756	0.0035	0.0534	0.1310	0.0158	0.0076	0.0023	0.2909	0.5717
55	2045	ALT2	EB	MD	Mainline	1.22	1.56	28.64	6.23	12840	9063	0.1872	0.1725	0.0371	0.0017	0.0242	0.0604	0.0079	0.0036	0.0011	0.1486	0.2503
56	2045	ALT2	EB	MD	Mainline	1.51	1.94	36.49	8.16	16314	11584	0.2427	0.2237	0.0459	0.0021	0.0326	0.0799	0.0096	0.0045	0.0014	0.1947	0.3491
57	2045	ALT2	EB	MD	Mainline	0.94	1.19	20.31	4.46	9428	6643	0.1444	0.1331	0.0286	0.0014	0.0172	0.0438	0.0061	0.0027	0.0009	0.1158	0.1717

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
58	2045	ALT2	EB	MD	Mainline	3.09	3.94	68.02	15.28	31581	22329	0.4930	0.4543	0.0942	0.0044	0.0594	0.1495	0.0201	0.0088	0.0029	0.3985	0.6049
59	2045	ALT2	EB	MD	Mainline	0.81	1.04	17.64	3.82	8161	5739	0.1230	0.1134	0.0249	0.0012	0.0147	0.0375	0.0053	0.0023	0.0007	0.0981	0.1449
60	2045	ALT2	EB	MD	Mainline	3.28	4.18	72.38	15.99	33427	23578	0.5107	0.4707	0.1001	0.0047	0.0617	0.1561	0.0214	0.0094	0.0030	0.4099	0.6220
61	2045	ALT2	EB	MD	Mainline	0.75	0.96	16.30	3.50	7535	5291	0.1125	0.1037	0.0231	0.0011	0.0134	0.0344	0.0050	0.0021	0.0007	0.0894	0.1310
62	2045	ALT2	EB	MD	Mainline	1.54	1.96	32.74	7.23	15337	10808	0.2388	0.2201	0.0470	0.0022	0.0280	0.0714	0.0101	0.0043	0.0014	0.1924	0.2774
63	2045	ALT2	EB	MD	Mainline	0.58	0.74	12.42	2.87	5884	4173	0.0965	0.0889	0.0178	0.0008	0.0113	0.0283	0.0038	0.0016	0.0006	0.0790	0.1150
64	2045	ALT2	EB	MD	Mainline	1.79	2.28	38.45	9.16	18298	13039	0.3092	0.2849	0.0544	0.0025	0.0365	0.0905	0.0115	0.0050	0.0018	0.2561	0.3808
65	2045	ALT2	EB	MD	Mainline	0.59	0.75	12.87	2.96	6028	4275	0.0968	0.0892	0.0179	0.0008	0.0116	0.0290	0.0038	0.0017	0.0006	0.0790	0.1193
66	2045	ALT2	EB	MD	Mainline	0.21	0.26	4.46	1.18	2183	1580	0.0410	0.0378	0.0062	0.0003	0.0049	0.0117	0.0013	0.0006	0.0002	0.0351	0.0541
67	2045	ALT2	EB	MD	Mainline	1.43	1.80	29.60	9.02	15299	11305	0.3327	0.3064	0.0421	0.0018	0.0393	0.0911	0.0085	0.0037	0.0017	0.2945	0.4535
68	2045	ALT2	EB	MD	Mainline	1.08	1.36	22.04	6.46	11307	8300	0.2404	0.2214	0.0319	0.0014	0.0277	0.0650	0.0065	0.0028	0.0013	0.2113	0.3132
69	2045	ALT2	EB	MD	Mainline	2.49	3.12	50.35	16.10	26630	19805	0.6111	0.5627	0.0730	0.0031	0.0710	0.1631	0.0146	0.0064	0.0031	0.5465	0.8256
70	2045	ALT2	EB	MD	Mainline	1.58	1.98	31.07	9.60	16414	12124	0.3747	0.3451	0.0466	0.0020	0.0414	0.0967	0.0095	0.0040	0.0019	0.3335	0.4707
71	2045	ALT2	EB	MD	Mainline	2.06	2.58	40.40	13.17	21728	16181	0.5185	0.4774	0.0604	0.0025	0.0578	0.1331	0.0121	0.0052	0.0027	0.4661	0.6688
72	2045	ALT2	EB	MD	Mainline	2.07	2.60	40.68	12.41	21425	15790	0.4847	0.4463	0.0613	0.0027	0.0532	0.1248	0.0125	0.0053	0.0025	0.4304	0.6011
73	2045	ALT2	EB	MD	Ramp	0.11	0.16	2.48	0.34	1129	755	0.0093	0.0086	0.0036	0.0002	0.0020	0.0052	0.0008	0.0006	0.0001	0.0024	0.0199
74	2045	ALT2	EB	MD	Ramp	0.07	0.10	1.31	0.24	646	444	0.0061	0.0057	0.0022	0.0001	0.0020	0.0047	0.0004	0.0003	0.0001	0.0024	0.0239
75	2045	ALT2	EB	MD	Ramp	0.15	0.22	2.57	0.32	1361	897	0.0118	0.0109	0.0050	0.0002	0.0023	0.0063	0.0011	0.0009	0.0001	0.0014	0.0219
76	2045	ALT2	EB	MD	Ramp	0.18	0.26	3.04	0.44	1573	1053	0.0140	0.0130	0.0058	0.0003	0.0039	0.0098	0.0012	0.0010	0.0001	0.0030	0.0435
77	2045	ALT2	EB	MD	Ramp	0.13	0.19	2.52	0.38	1220	823	0.0107	0.0099	0.0042	0.0002	0.0029	0.0073	0.0009	0.0007	0.0001	0.0031	0.0329
78	2045	ALT2	EB	MD	Ramp	0.14	0.21	2.12	0.35	1150	778	0.0109	0.0101	0.0045	0.0002	0.0040	0.0094	0.0009	0.0007	0.0001	0.0028	0.0470
79	2045	ALT2	EB	MD	Ramp	0.20	0.29	2.95	0.47	1611	1084	0.0151	0.0140	0.0063	0.0003	0.0052	0.0124	0.0013	0.0010	0.0002	0.0035	0.0602
80	2045	ALT2	EB	MD	Ramp	0.26	0.37	4.68	0.72	2326	1568	0.0207	0.0191	0.0082	0.0004	0.0060	0.0147	0.0017	0.0013	0.0002	0.0057	0.0676
81	2045	ALT2	EB	MD	Ramp	0.26	0.38	7.01	1.03	2907	1966	0.0237	0.0219	0.0085	0.0004	0.0047	0.0124	0.0018	0.0013	0.0002	0.0087	0.0483
82	2045	ALT2	EB	MD	Ramp	0.20	0.29	4.29	0.61	1972	1324	0.0165	0.0153	0.0064	0.0003	0.0037	0.0097	0.0014	0.0011	0.0002	0.0046	0.0391
83	2045	ALT2	EB	MD	Ramp	0.05	0.07	1.33	0.26	570	401	0.0057	0.0053	0.0016	0.0001	0.0015	0.0035	0.0003	0.0002	0.0000	0.0033	0.0177
84	2045	ALT2	EB	MD	Ramp	0.06	0.09	1.85	0.25	699	470	0.0052	0.0048	0.0020	0.0001	0.0010	0.0026	0.0004	0.0003	0.0000	0.0019	0.0096
85	2045	ALT2	EB	MD	Ramp	0.19	0.24	4.42	1.09	1973	1433	0.0236	0.0218	0.0054	0.0002	0.0067	0.0148	0.0010	0.0006	0.0002	0.0169	0.0823
86	2045	ALT2	EB	MD	Ramp	0.24	0.33	5.19	1.09	2441	1718	0.0255	0.0236	0.0074	0.0003	0.0068	0.0159	0.0015	0.0010	0.0002	0.0139	0.0809
87	2045	ALT2	EB	MD	Ramp	0.08	0.11	1.52	0.29	744	515	0.0073	0.0067	0.0025	0.0001	0.0024	0.0056	0.0005	0.0004	0.0001	0.0031	0.0288
88	2045	ALT2	EB	MD	Ramp	0.20	0.28	4.15	0.64	1934	1310	0.0169	0.0157	0.0064	0.0003	0.0043	0.0107	0.0013	0.0010	0.0002	0.0055	0.0476
89	2045	ALT2	EB	MD	Ramp	0.04	0.06	0.81	0.16	400	277	0.0039	0.0036	0.0014	0.0001	0.0013	0.0030	0.0003	0.0002	0.0000	0.0017	0.0157
90	2045	ALT2	EB	MD	Ramp	0.12	0.17	1.86	0.51	1000	723	0.0118	0.0109	0.0036	0.0001	0.0053	0.0114	0.0006	0.0004	0.0001	0.0071	0.0669
91	2045	ALT2	EB	MD	Ramp	0.15	0.21	3.32	0.72	1540	1090	0.0164	0.0151	0.0046	0.0002	0.0045	0.0104	0.0009	0.0006	0.0001	0.0094	0.0538
92	2045	ALT2	EB	MD	Ramp	0.23	0.32	3.13	0.61	1718	1181	0.0172	0.0159	0.0070	0.0003	0.0078	0.0176	0.0013	0.0010	0.0002	0.0058	0.0962
93	2045	ALT2	EB	MD	Ramp	1.14	1.47	24.36	7.31	11794	8808	0.1634	0.1506	0.0323	0.0011	0.0481	0.1040	0.0057	0.0033	0.0010	0.1281	0.6104
94	2045	ALT2	EB	MD	Ramp	0.53	0.73	11.98	2.53	5484	3872	0.0574	0.0530	0.0162	0.0007	0.0156	0.0360	0.0032	0.0022	0.0004	0.0327	0.1854
95	2045	ALT2	EB	MD	Ramp	0.27	0.37	4.08	0.82	2141	1484	0.0216	0.0199	0.0081	0.0003	0.0091	0.0206	0.0015	0.0011	0.0002	0.0088	0.1122
96	2045	ALT2	EB	MD	Ramp	0.11	0.14	3.34	0.52	1238	850	0.0104	0.0096	0.0033	0.0002	0.0022	0.0055	0.0007	0.0004	0.0001	0.0055	0.0237
97	2045	ALT2	EB	MD	Ramp	0.08	0.10	1.54	0.48	774	577	0.0105	0.0097	0.0022	0.0001	0.0033	0.0071	0.0004	0.0002	0.0001	0.0080	0.0419
98	2045	ALT2	EB	MD	Ramp	0.08	0.10	1.87	0.42	821	588	0.0091	0.0084	0.0023	0.0001	0.0025	0.0057	0.0004	0.0003	0.0001	0.0060	0.0305
99	2045	ALT2	EB	MD	Ramp	0.14	0.19	3.46	0.77	1495	1071	0.0166	0.0153	0.0041	0.0002	0.0045	0.0102	0.0008	0.0005	0.0001	0.0111	0.0550
100	2045	ALT2	EB	MD	Ramp	0.16	0.21	4.23	0.76	1725	1200	0.0161	0.0149	0.0048	0.0002	0.0039	0.0094	0.0010	0.0007	0.0001	0.0088	0.0451
101	2045	ALT2	EB	MD	Ramp	0.08	0.10	1.99	0.43	833	597	0.0094	0.0086	0.0022	0.0001	0.0024	0.0054	0.0004	0.0003	0.0001	0.0065	0.0287
102	2045	ALT2	EB	MD	Ramp	0.06	0.08	1.58	0.27	629	436	0.0057	0.0053	0.0017	0.0001	0.0014	0.0033	0.0004	0.0002	0.0000	0.0031	0.0155
103	2045	ALT2	EB	MD	Ramp	0.03	0.05	1.04	0.16	387	264	0.0032	0.0029	0.0010	0.0000	0.0007	0.0017	0.0002	0.0001	0.0000	0.0016	0.0070
104	2045	ALT2	EB	MD	Ramp	0.11	0.15	2.45	0.36	1092	736	0.0092	0.0085	0.0034	0.0002	0.0019	0.0050	0.0007	0.0006	0.0001	0.0029	0.0199
105	2045	ALT2	EB	MD	Ramp	0.06	0.08	1.66	0.25	660	450	0.0054	0.0050	0.0019	0.0001	0.0012	0.0030	0.0004	0.0003	0.0000	0.0023	0.0123

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
106	2045	ALT2	EB	MD	Ramp	0.03	0.04	0.45	0.06	229	152	0.0020	0.0018	0.0008	0.0000	0.0005	0.0012	0.0002	0.0001	0.0000	0.0004	0.0048
107	2045	ALT2	EB	MD	Ramp	0.13	0.18	3.09	0.57	1380	956	0.0132	0.0122	0.0041	0.0002	0.0032	0.0078	0.0008	0.0006	0.0001	0.0064	0.0367
108	2045	ALT2	EB	MD	Ramp	0.14	0.21	3.14	0.41	1448	964	0.0117	0.0108	0.0048	0.0002	0.0023	0.0063	0.0010	0.0008	0.0001	0.0025	0.0230
109	2045	ALT2	EB	MD	Ramp	0.10	0.14	2.61	0.45	1075	743	0.0097	0.0090	0.0031	0.0001	0.0023	0.0056	0.0006	0.0004	0.0001	0.0049	0.0263
110	2045	ALT2	EB	MD	Ramp	0.14	0.20	3.28	0.48	1460	985	0.0123	0.0114	0.0045	0.0002	0.0026	0.0067	0.0010	0.0007	0.0001	0.0040	0.0269
111	2045	ALT2	EB	MD	Ramp	0.05	0.07	1.43	0.23	546	376	0.0047	0.0044	0.0015	0.0001	0.0011	0.0026	0.0003	0.0002	0.0000	0.0025	0.0116
112	2045	ALT2	EB	MD	Ramp	0.18	0.26	4.07	0.62	1856	1255	0.0160	0.0148	0.0059	0.0003	0.0037	0.0095	0.0012	0.0010	0.0002	0.0052	0.0401
113	2045	ALT2	EB	MD	Ramp	0.11	0.16	2.85	0.41	1207	813	0.0098	0.0091	0.0036	0.0002	0.0019	0.0050	0.0008	0.0006	0.0001	0.0033	0.0185
114	2045	ALT2	EB	MD	Ramp	0.13	0.19	2.84	0.37	1294	861	0.0104	0.0096	0.0042	0.0002	0.0020	0.0056	0.0009	0.0007	0.0001	0.0023	0.0199
115	2045	ALT2	EB	MD	Ramp																	
116	2045	ALT2	EB	MD	Ramp	0.04	0.06	1.05	0.13	455	302	0.0035	0.0032	0.0014	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0008	0.0053
117	2045	ALT2	EB	MD	Ramp	0.07	0.10	1.87	0.32	802	551	0.0072	0.0067	0.0024	0.0001	0.0017	0.0041	0.0005	0.0004	0.0001	0.0033	0.0184
118	2045	ALT2	EB	MD	Ramp	0.06	0.09	1.48	0.19	633	421	0.0048	0.0045	0.0019	0.0001	0.0008	0.0022	0.0004	0.0003	0.0001	0.0011	0.0067
119	2045	ALT2	EB	MD	Ramp	0.10	0.13	2.63	0.38	1059	717	0.0085	0.0078	0.0031	0.0001	0.0017	0.0045	0.0006	0.0005	0.0001	0.0032	0.0176
120	2045	ALT2	EB	MD	Ramp	0.07	0.11	1.87	0.23	801	530	0.0060	0.0056	0.0025	0.0001	0.0009	0.0028	0.0005	0.0004	0.0001	0.0012	0.0078
121	2045	ALT2	EB	MD	Ramp	0.11	0.15	3.35	0.58	1289	897	0.0120	0.0111	0.0035	0.0002	0.0027	0.0066	0.0007	0.0004	0.0001	0.0071	0.0309
122	2045	ALT2	EB	MD	Ramp	1.43	1.98	37.66	6.74	15649	10871	0.1459	0.1348	0.0445	0.0020	0.0358	0.0857	0.0090	0.0062	0.0012	0.0771	0.4096
123	2045	ALT2	EB	MD	Ramp	1.03	1.42	28.24	4.93	11438	7931	0.1047	0.0967	0.0321	0.0014	0.0252	0.0605	0.0065	0.0044	0.0009	0.0557	0.2855
124	2045	ALT2	EB	MD	Ramp	0.18	0.27	2.23	0.31	1443	952	0.0145	0.0134	0.0060	0.0003	0.0034	0.0090	0.0012	0.0011	0.0002	0.0015	0.0369
125	2045	ALT2	EB	MD	Ramp	0.18	0.25	3.31	0.54	1621	1101	0.0147	0.0136	0.0056	0.0002	0.0044	0.0107	0.0011	0.0009	0.0001	0.0048	0.0510
126	2045	ALT2	EB	MD	Ramp	0.06	0.09	1.25	0.19	601	405	0.0052	0.0049	0.0020	0.0001	0.0014	0.0035	0.0004	0.0003	0.0001	0.0015	0.0155
127	2045	ALT2	EB	MD	Ramp	0.37	0.54	5.04	0.81	2889	1940	0.0279	0.0258	0.0118	0.0005	0.0098	0.0233	0.0024	0.0020	0.0003	0.0058	0.1145
128	2045	ALT2	EB	MD	Ramp	0.03	0.04	0.65	0.07	288	189	0.0021	0.0020	0.0009	0.0000	0.0003	0.0009	0.0002	0.0002	0.0000	0.0002	0.0018
129	2045	ALT2	EB	MD	Ramp	0.25	0.35	4.90	0.86	2350	1611	0.0220	0.0203	0.0079	0.0003	0.0065	0.0156	0.0016	0.0012	0.0002	0.0086	0.0759
130	2045	ALT2	EB	MD	Ramp	0.09	0.12	2.66	0.36	994	668	0.0073	0.0067	0.0028	0.0001	0.0014	0.0037	0.0006	0.0004	0.0001	0.0027	0.0133
131	2045	ALT2	EB	MD	Ramp	0.24	0.34	5.87	0.99	2578	1770	0.0234	0.0216	0.0077	0.0004	0.0053	0.0132	0.0016	0.0012	0.0002	0.0103	0.0588
132	2045	ALT2	EB	MD	Ramp	0.09	0.13	2.83	0.34	1044	693	0.0070	0.0065	0.0029	0.0001	0.0011	0.0033	0.0006	0.0005	0.0001	0.0019	0.0095
133	2045	ALT2	EB	MD	Ramp	0.24	0.34	5.98	0.86	2563	1727	0.0210	0.0195	0.0077	0.0004	0.0040	0.0107	0.0016	0.0012	0.0002	0.0070	0.0399
134	2045	ALT2	EB	MD	Ramp	0.45	0.62	13.28	2.04	5116	3496	0.0421	0.0389	0.0142	0.0007	0.0092	0.0230	0.0030	0.0020	0.0004	0.0197	0.0979
135	2045	ALT2	EB	MD	Ramp	0.23	0.32	5.02	0.89	2307	1588	0.0216	0.0200	0.0071	0.0003	0.0053	0.0130	0.0015	0.0011	0.0002	0.0094	0.0600
136	2045	ALT2	EB	MD	Ramp	0.04	0.06	0.91	0.11	414	274	0.0032	0.0030	0.0013	0.0001	0.0006	0.0016	0.0003	0.0002	0.0000	0.0006	0.0052
137	2045	ALT2	EB	MD	Ramp	1.77	2.28	32.10	11.41	17218	13081	0.2528	0.2330	0.0493	0.0015	0.0831	0.1770	0.0084	0.0048	0.0015	0.2013	1.0702
138	2045	ALT2	EB	MD	Ramp	0.18	0.26	2.17	0.34	1332	890	0.0133	0.0123	0.0056	0.0002	0.0045	0.0108	0.0011	0.0010	0.0001	0.0022	0.0519
139	2045	ALT2	EB	MD	Ramp	0.09	0.13	2.00	0.27	907	606	0.0074	0.0068	0.0029	0.0001	0.0015	0.0041	0.0006	0.0005	0.0001	0.0018	0.0153
140	2045	ALT2	EB	MD	Ramp	0.28	0.40	4.88	0.71	2475	1659	0.0219	0.0202	0.0090	0.0004	0.0060	0.0151	0.0018	0.0015	0.0002	0.0050	0.0669
141	2045	ALT2	EB	MD	Ramp	0.03	0.05	1.08	0.13	394	262	0.0027	0.0025	0.0011	0.0001	0.0005	0.0013	0.0002	0.0002	0.0000	0.0008	0.0040
142	2045	ALT2	EB	MD	Ramp	0.11	0.17	3.34	0.38	1310	863	0.0089	0.0082	0.0038	0.0002	0.0012	0.0038	0.0008	0.0006	0.0001	0.0016	0.0085
143	2045	ALT2	EB	MD	Ramp	0.08	0.12	2.82	0.31	998	657	0.0061	0.0056	0.0028	0.0001	0.0008	0.0027	0.0006	0.0004	0.0001	0.0012	0.0056
144	2045	ALT2	EB	MD	HOV	0.19	0.26	7.14	0.72	2316	1505	0.0108	0.0100	0.0063	0.0003	0.0012	0.0048	0.0014	0.0009	0.0001	0.0007	0.0024
145	2045	ALT2	EB	MD	HOV	0.50	0.70	18.84	1.90	6113	3974	0.0286	0.0265	0.0165	0.0009	0.0032	0.0127	0.0038	0.0024	0.0003	0.0020	0.0063
146	2045	ALT2	EB	MD	HOV	0.02	0.03	0.81	0.08	264	172	0.0012	0.0011	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0003
147	2045	ALT2	EB	MD	HOV	0.42	0.59	15.93	1.61	5170	3360	0.0242	0.0224	0.0140	0.0007	0.0027	0.0107	0.0032	0.0020	0.0003	0.0017	0.0053
148	2045	ALT2	EB	MD	HOV	0.15	0.21	5.79	0.59	1880	1222	0.0088	0.0082	0.0051	0.0003	0.0010	0.0039	0.0012	0.0007	0.0001	0.0006	0.0019
149	2045	ALT2	EB	MD	HOV	0.25	0.35	9.55	0.97	3099	2015	0.0145	0.0134	0.0084	0.0004	0.0016	0.0064	0.0019	0.0012	0.0002	0.0010	0.0032
150	2045	ALT2	EB	MD	HOV	0.27	0.37	9.58	1.02	3176	2065	0.0139	0.0129	0.0089	0.0005	0.0017	0.0068	0.0020	0.0011	0.0002	0.0011	0.0030
151	2045	ALT2	EB	MD	HOV	0.37	0.50	12.93	1.38	4287	2787	0.0188	0.0174	0.0120	0.0006	0.0023	0.0092	0.0027	0.0015	0.0002	0.0015	0.0040
152	2045	ALT2	EB	MD	HOV	0.29	0.39	10.26	1.10	3401	2211	0.0149	0.0138	0.0095	0.0005	0.0019	0.0073	0.0022	0.0012	0.0002	0.0012	0.0032
153	2045	ALT2	EB	MD	HOV	0.10	0.13	2.77	0.32	1003	652	0.0043	0.0040	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0001	0.0004	0.0008

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
154	2045	ALT2	EB	MD	HOV	0.18	0.24	5.31	0.61	1919	1247	0.0082	0.0076	0.0059	0.0003	0.0012	0.0045	0.0013	0.0007	0.0001	0.0008	0.0016
155	2045	ALT2	EB	MD	HOV	0.14	0.18	3.94	0.45	1426	927	0.0061	0.0056	0.0044	0.0002	0.0009	0.0033	0.0010	0.0005	0.0001	0.0006	0.0012
156	2045	ALT2	EB	MD	HOV	0.11	0.14	3.10	0.35	1122	729	0.0048	0.0044	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0009
157	2045	ALT2	EB	MD	HOV	0.19	0.25	5.46	0.62	1974	1283	0.0084	0.0078	0.0060	0.0003	0.0012	0.0046	0.0014	0.0007	0.0001	0.0008	0.0016
158	2045	ALT2	EB	MD	HOV	0.22	0.28	6.29	0.72	2275	1479	0.0097	0.0090	0.0069	0.0004	0.0014	0.0053	0.0016	0.0008	0.0001	0.0009	0.0019
159	2045	ALT2	EB	MD	HOV	0.12	0.16	3.60	0.41	1301	846	0.0055	0.0051	0.0040	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0011
160	2045	ALT2	EB	MD	HOV	0.23	0.30	6.71	0.77	2426	1577	0.0103	0.0096	0.0074	0.0004	0.0015	0.0057	0.0017	0.0008	0.0001	0.0010	0.0020
161	2045	ALT2	EB	MD	HOV	0.08	0.11	2.22	0.26	836	544	0.0036	0.0033	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0006
162	2045	ALT2	EB	MD	HOV	0.06	0.08	1.59	0.18	600	390	0.0026	0.0024	0.0019	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0002	0.0005
163	2045	ALT2	EB	MD	HOV	0.14	0.19	3.77	0.44	1420	923	0.0061	0.0056	0.0046	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0006	0.0011
164	2045	ALT2	EB	MD	HOV	0.01	0.02	0.38	0.04	142	93	0.0006	0.0006	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
165	2045	ALT2	EB	MD	HOV	0.07	0.09	1.76	0.20	665	432	0.0028	0.0026	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
166	2045	ALT2	EB	MD	HOV	0.08	0.11	2.18	0.25	821	534	0.0035	0.0032	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0006
167	2045	ALT2	EB	MD	HOV	0.06	0.08	1.54	0.18	580	377	0.0025	0.0023	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
168	2045	ALT2	EB	MD	HOV	0.04	0.05	1.00	0.12	377	245	0.0016	0.0015	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0003
169	2045	ALT2	EB	MD	HOV	0.34	0.45	9.09	1.05	3426	2228	0.0146	0.0136	0.0110	0.0006	0.0022	0.0084	0.0025	0.0012	0.0002	0.0014	0.0026
170	2045	ALT2	EB	MD	HOV	0.25	0.32	6.57	0.76	2476	1610	0.0106	0.0098	0.0080	0.0004	0.0016	0.0061	0.0018	0.0008	0.0001	0.0010	0.0019
171	2045	ALT2	EB	MD	HOV	0.16	0.20	4.11	0.48	1555	1011	0.0066	0.0062	0.0050	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0012
172	2045	ALT2	EB	MD	HOV	0.09	0.12	2.40	0.28	910	592	0.0039	0.0036	0.0029	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
173	2045	ALT2	EB	MD	HOV	0.16	0.21	4.27	0.50	1617	1051	0.0069	0.0064	0.0052	0.0003	0.0010	0.0040	0.0012	0.0006	0.0001	0.0007	0.0012
174	2045	ALT2	EB	MD	HOV	0.12	0.15	3.02	0.35	1144	744	0.0049	0.0045	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0009
175	2045	ALT2	EB	MD	HOV	0.14	0.18	3.61	0.42	1367	889	0.0058	0.0054	0.0044	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0011
176	2045	ALT2	EB	MD	HOV	0.12	0.16	3.16	0.37	1196	778	0.0051	0.0047	0.0039	0.0002	0.0008	0.0030	0.0009	0.0004	0.0001	0.0005	0.0009
177	2045	ALT2	EB	MD	HOV	0.16	0.21	4.30	0.50	1627	1058	0.0069	0.0064	0.0053	0.0003	0.0010	0.0040	0.0012	0.0006	0.0001	0.0007	0.0013
178	2045	ALT2	EB	MD	HOV	0.08	0.10	2.09	0.24	790	513	0.0034	0.0031	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0006
179	2045	ALT2	EB	MD	HOV	0.10	0.12	2.50	0.29	946	615	0.0040	0.0037	0.0031	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
180	2045	ALT2	EB	MD	HOV	0.13	0.17	3.37	0.39	1274	829	0.0054	0.0050	0.0041	0.0002	0.0008	0.0032	0.0009	0.0004	0.0001	0.0005	0.0010
181	2045	ALT2	EB	MD	HOV	0.20	0.27	7.20	0.75	2353	1530	0.0105	0.0098	0.0065	0.0003	0.0013	0.0050	0.0015	0.0009	0.0001	0.0008	0.0023
182	2045	ALT2	EB	MD	HOV	0.18	0.25	6.75	0.71	2206	1434	0.0099	0.0092	0.0060	0.0003	0.0012	0.0046	0.0014	0.0008	0.0001	0.0008	0.0021
183	2045	ALT2	EB	MD	HOV	0.13	0.18	4.89	0.51	1599	1039	0.0072	0.0066	0.0044	0.0002	0.0009	0.0034	0.0010	0.0006	0.0001	0.0005	0.0016
184	2045	ALT2	EB	MD	HOV	0.05	0.06	1.69	0.18	554	360	0.0025	0.0023	0.0015	0.0001	0.0003	0.0012	0.0003	0.0002	0.0000	0.0002	0.0005
185	2045	ALT2	EB	MD	HOV	0.15	0.21	5.60	0.59	1829	1189	0.0082	0.0076	0.0050	0.0003	0.0010	0.0039	0.0011	0.0007	0.0001	0.0006	0.0018
186	2045	ALT2	EB	MD	HOV	0.06	0.08	2.21	0.23	723	470	0.0032	0.0030	0.0020	0.0001	0.0004	0.0015	0.0005	0.0003	0.0000	0.0002	0.0007
187	2045	ALT2	EB	MD	HOV	0.10	0.13	3.50	0.37	1142	743	0.0051	0.0047	0.0031	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0011
188	2045	ALT2	EB	MD	HOV	0.04	0.06	1.52	0.16	498	324	0.0022	0.0021	0.0014	0.0001	0.0003	0.0010	0.0003	0.0002	0.0000	0.0002	0.0005
189	2045	ALT2	EB	MD	HOV	0.12	0.17	4.49	0.47	1467	954	0.0066	0.0061	0.0040	0.0002	0.0008	0.0031	0.0009	0.0005	0.0001	0.0005	0.0014
190	2045	ALT2	EB	MD	HOV	0.01	0.01	0.24	0.02	78	50	0.0003	0.0003	0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0001
191	2045	ALT2	EB	MD	HOV	0.19	0.25	5.42	0.62	1993	1296	0.0085	0.0079	0.0062	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0016
192	2045	ALT2	EB	MD	HOV	0.02	0.02	0.43	0.05	160	104	0.0007	0.0006	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
193	2045	ALT2	EB	MD	HOV	0.30	0.40	8.43	0.97	3099	2015	0.0132	0.0122	0.0097	0.0005	0.0019	0.0074	0.0022	0.0011	0.0002	0.0012	0.0025
194	2045	ALT2	EB	MD	HOV	0.03	0.05	0.98	0.11	361	235	0.0015	0.0014	0.0011	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
195	2045	ALT2	EB	MD	HOV	0.04	0.05	1.16	0.13	426	277	0.0018	0.0017	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
196	2045	ALT2	EB	MD	HOV	0.03	0.05	0.97	0.11	357	232	0.0015	0.0014	0.0011	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
197	2045	ALT2	EB	MD	HOV	0.20	0.27	5.65	0.65	2078	1351	0.0089	0.0082	0.0065	0.0003	0.0013	0.0050	0.0015	0.0007	0.0001	0.0008	0.0017
198	2045	ALT2	EB	MD	HOV	0.09	0.12	2.53	0.29	929	604	0.0040	0.0037	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0004	0.0007
199	2045	ALT2	EB	MD	HOV	0.18	0.25	6.08	0.66	2067	1344	0.0089	0.0082	0.0059	0.0003	0.0012	0.0045	0.0014	0.0007	0.0001	0.0008	0.0018
200	2045	ALT2	EB	MD	HOV	0.09	0.13	3.13	0.34	1064	692	0.0046	0.0042	0.0031	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0009
201	2045	ALT2	EB	MD	HOV	0.36	0.48	11.89	1.30	4045	2630	0.0174	0.0161	0.0116	0.0006	0.0023	0.0089	0.0026	0.0014	0.0002	0.0015	0.0036

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
202	2045	ALT2	EB	MD	HOV	0.08	0.11	2.76	0.30	939	611	0.0040	0.0037	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0008
203	2045	ALT2	EB	MD	HOV	0.38	0.51	12.66	1.38	4306	2800	0.0185	0.0172	0.0123	0.0007	0.0024	0.0095	0.0028	0.0015	0.0002	0.0016	0.0038
204	2045	ALT2	EB	MD	HOV	0.08	0.11	2.70	0.29	917	596	0.0039	0.0037	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0008
205	2045	ALT2	EB	MD	HOV	0.18	0.24	6.02	0.65	2043	1328	0.0088	0.0082	0.0058	0.0003	0.0011	0.0045	0.0013	0.0007	0.0001	0.0008	0.0018
206	2045	ALT2	EB	MD	HOV	0.08	0.11	2.72	0.30	922	599	0.0040	0.0037	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0008
207	2045	ALT2	EB	MD	HOV	0.30	0.40	9.89	1.08	3356	2182	0.0144	0.0134	0.0096	0.0005	0.0019	0.0074	0.0022	0.0012	0.0002	0.0012	0.0030
208	2045	ALT2	EB	MD	HOV	0.09	0.12	3.05	0.33	1035	673	0.0045	0.0041	0.0030	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0009
209	2045	ALT2	EB	MD	HOV	0.02	0.03	0.78	0.08	264	172	0.0011	0.0011	0.0008	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
210	2045	ALT2	EB	MD	HOV	0.28	0.39	10.60	1.08	3430	2229	0.0158	0.0147	0.0093	0.0005	0.0018	0.0071	0.0021	0.0013	0.0002	0.0011	0.0035
211	2045	ALT2	EB	MD	HOV	0.19	0.27	7.31	0.74	2367	1539	0.0109	0.0101	0.0064	0.0003	0.0012	0.0049	0.0015	0.0009	0.0001	0.0008	0.0024
212	2045	ALT2	EB	MD	HOV	0.52	0.72	19.58	1.99	6335	4118	0.0292	0.0271	0.0171	0.0009	0.0033	0.0131	0.0039	0.0024	0.0004	0.0021	0.0064
213	2045	ALT2	EB	MD	HOV	0.30	0.42	11.27	1.15	3645	2370	0.0168	0.0156	0.0099	0.0005	0.0019	0.0076	0.0022	0.0014	0.0002	0.0012	0.0037
214	2045	ALT2	EB	MD	HOV																	
215	2045	ALT2	EB	MD	HOV																	
1	2045	ALT2	EB	PM	Mainline	1.24	1.51	21.51	11.00	14183	11281	0.4801	0.4419	0.0341	0.0011	0.0531	0.1139	0.0060	0.0026	0.0022	0.4570	0.6707
2	2045	ALT2	EB	PM	Mainline	3.18	3.89	54.68	28.90	36678	29305	1.2718	1.1705	0.0874	0.0028	0.1398	0.2991	0.0153	0.0066	0.0059	1.2140	1.7733
3	2045	ALT2	EB	PM	Mainline	0.15	0.18	2.66	1.27	1695	1334	0.0553	0.0509	0.0042	0.0001	0.0060	0.0130	0.0008	0.0003	0.0003	0.0523	0.0749
4	2045	ALT2	EB	PM	Mainline	2.68	3.27	45.96	24.38	30886	24688	1.0737	0.9882	0.0735	0.0024	0.1179	0.2522	0.0129	0.0056	0.0050	1.0252	1.4963
5	2045	ALT2	EB	PM	Mainline	1.03	1.26	17.81	9.05	11715	9301	0.4004	0.3685	0.0285	0.0010	0.0431	0.0928	0.0051	0.0022	0.0019	0.3810	0.5429
6	2045	ALT2	EB	PM	Mainline	1.57	1.92	26.52	14.72	18256	14679	0.6596	0.6070	0.0430	0.0013	0.0712	0.1517	0.0074	0.0032	0.0031	0.6322	0.9066
7	2045	ALT2	EB	PM	Mainline	2.31	2.82	40.02	20.69	26532	21135	0.9044	0.8324	0.0636	0.0021	0.0999	0.2142	0.0112	0.0049	0.0042	0.8616	1.2643
8	2045	ALT2	EB	PM	Mainline	2.88	3.50	48.01	27.58	33669	27209	1.2373	1.1387	0.0782	0.0024	0.1345	0.2854	0.0134	0.0058	0.0057	1.1890	1.7209
9	2045	ALT2	EB	PM	Mainline	2.46	3.01	42.65	21.93	28198	22444	0.9581	0.8818	0.0678	0.0022	0.1058	0.2270	0.0120	0.0052	0.0045	0.9123	1.3376
10	2045	ALT2	EB	PM	Mainline	0.74	0.89	12.02	7.33	8705	7092	0.3329	0.3063	0.0198	0.0006	0.0359	0.0758	0.0033	0.0014	0.0015	0.3213	0.4621
11	2045	ALT2	EB	PM	Mainline	1.48	1.81	24.92	14.06	17305	13949	0.6281	0.5780	0.0404	0.0012	0.0684	0.1454	0.0069	0.0030	0.0029	0.6027	0.8739
12	2045	ALT2	EB	PM	Mainline	1.05	1.28	17.47	10.13	12310	9959	0.4561	0.4197	0.0285	0.0009	0.0493	0.1046	0.0049	0.0021	0.0021	0.4386	0.6319
13	2045	ALT2	EB	PM	Mainline	0.92	1.12	15.80	8.12	10463	8315	0.3653	0.3362	0.0255	0.0009	0.0384	0.0827	0.0046	0.0020	0.0017	0.3481	0.4827
14	2045	ALT2	EB	PM	Mainline	1.43	1.73	23.58	13.72	16649	13467	0.6285	0.5785	0.0387	0.0012	0.0661	0.1403	0.0066	0.0029	0.0029	0.6048	0.8444
15	2045	ALT2	EB	PM	Mainline	1.86	2.28	32.18	16.64	21351	17000	0.7355	0.6769	0.0514	0.0017	0.0798	0.1713	0.0091	0.0039	0.0034	0.7009	1.0077
16	2045	ALT2	EB	PM	Mainline	1.09	1.34	19.05	9.61	12477	9899	0.4217	0.3882	0.0303	0.0010	0.0459	0.0989	0.0054	0.0023	0.0020	0.4010	0.5785
17	2045	ALT2	EB	PM	Mainline	1.82	2.22	30.82	17.15	21241	17095	0.7591	0.6986	0.0497	0.0015	0.0837	0.1781	0.0086	0.0037	0.0035	0.7275	1.0688
18	2045	ALT2	EB	PM	Mainline	1.42	1.73	24.12	13.14	16446	13189	0.5881	0.5413	0.0390	0.0012	0.0633	0.1352	0.0068	0.0029	0.0027	0.5629	0.8046
19	2045	ALT2	EB	PM	Mainline	1.06	1.30	18.08	9.68	12220	9772	0.4356	0.4009	0.0292	0.0009	0.0463	0.0991	0.0051	0.0022	0.0020	0.4164	0.5858
20	2045	ALT2	EB	PM	Mainline	2.33	2.84	39.26	21.78	27028	21729	0.9800	0.9019	0.0637	0.0020	0.1051	0.2240	0.0111	0.0048	0.0045	0.9394	1.3378
21	2045	ALT2	EB	PM	Mainline	0.25	0.31	4.34	2.25	2887	2299	0.1008	0.0928	0.0070	0.0002	0.0107	0.0231	0.0012	0.0005	0.0005	0.0962	0.1354
22	2045	ALT2	EB	PM	Mainline	0.78	0.97	14.65	5.55	8416	6401	0.2322	0.2138	0.0226	0.0009	0.0250	0.0562	0.0044	0.0019	0.0011	0.2140	0.2990
23	2045	ALT2	EB	PM	Mainline	0.81	1.01	15.16	5.95	8834	6755	0.2501	0.2303	0.0234	0.0009	0.0270	0.0604	0.0045	0.0019	0.0012	0.2315	0.3258
24	2045	ALT2	EB	PM	Mainline	0.70	0.88	13.46	4.76	7501	5650	0.1940	0.1786	0.0205	0.0008	0.0212	0.0482	0.0040	0.0017	0.0010	0.1769	0.2497
25	2045	ALT2	EB	PM	Mainline	0.47	0.59	8.97	3.14	4982	3746	0.1279	0.1178	0.0137	0.0006	0.0139	0.0317	0.0027	0.0012	0.0006	0.1164	0.1634
26	2045	ALT2	EB	PM	Mainline	4.10	5.12	78.51	26.67	43172	32310	1.0862	1.0001	0.1202	0.0050	0.1172	0.2690	0.0240	0.0102	0.0055	0.9844	1.3621
27	2045	ALT2	EB	PM	Mainline	3.08	3.84	58.54	19.96	32280	24163	0.8176	0.7528	0.0900	0.0038	0.0875	0.2011	0.0180	0.0076	0.0041	0.7415	1.0169
28	2045	ALT2	EB	PM	Mainline	1.66	2.07	31.29	11.30	17658	13331	0.4706	0.4333	0.0484	0.0020	0.0502	0.1141	0.0095	0.0041	0.0023	0.4307	0.5922
29	2045	ALT2	EB	PM	Mainline	1.09	1.37	20.77	7.16	11508	8628	0.2948	0.2714	0.0320	0.0013	0.0315	0.0721	0.0064	0.0027	0.0015	0.2679	0.3665
30	2045	ALT2	EB	PM	Mainline	1.89	2.36	35.88	12.37	19880	14903	0.5092	0.4688	0.0553	0.0023	0.0543	0.1246	0.0110	0.0047	0.0026	0.4626	0.6326
31	2045	ALT2	EB	PM	Mainline	1.38	1.73	26.32	8.99	14527	10876	0.3689	0.3396	0.0405	0.0017	0.0394	0.0905	0.0081	0.0034	0.0019	0.3346	0.4580
32	2045	ALT2	EB	PM	Mainline	1.53	1.90	28.83	10.33	16210	12224	0.4287	0.3947	0.0445	0.0018	0.0458	0.1042	0.0088	0.0037	0.0021	0.3918	0.5395
33	2045	ALT2	EB	PM	Mainline	1.40	1.75	26.75	9.28	14834	11136	0.3802	0.3500	0.0410	0.0017	0.0410	0.0937	0.0082	0.0035	0.0019	0.3457	0.4791
34	2045	ALT2	EB	PM	Mainline	1.68	2.09	31.54	11.75	17994	13652	0.4895	0.4506	0.0486	0.0019	0.0528	0.1190	0.0095	0.0041	0.0024	0.4499	0.6280

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
35	2045	ALT2	EB	PM	Mainline	0.89	1.11	16.85	5.90	9379	7050	0.2427	0.2234	0.0259	0.0011	0.0261	0.0596	0.0051	0.0022	0.0012	0.2210	0.3057
36	2045	ALT2	EB	PM	Mainline	1.06	1.32	20.18	7.07	11237	8447	0.2907	0.2677	0.0310	0.0013	0.0313	0.0714	0.0062	0.0026	0.0015	0.2648	0.3662
37	2045	ALT2	EB	PM	Mainline	1.43	1.78	27.18	9.52	15133	11376	0.3915	0.3605	0.0417	0.0017	0.0421	0.0961	0.0083	0.0035	0.0020	0.3566	0.4932
38	2045	ALT2	EB	PM	Mainline	2.04	2.54	38.14	14.42	21905	16652	0.6045	0.5565	0.0590	0.0024	0.0648	0.1459	0.0115	0.0049	0.0030	0.5568	0.7736
39	2045	ALT2	EB	PM	Mainline	2.02	2.51	37.91	13.87	21504	16265	0.5793	0.5333	0.0586	0.0024	0.0618	0.1401	0.0115	0.0049	0.0029	0.5312	0.7313
40	2045	ALT2	EB	PM	Mainline	1.36	1.68	25.13	9.61	14527	11056	0.4073	0.3749	0.0392	0.0016	0.0431	0.0970	0.0076	0.0032	0.0020	0.3758	0.5143
41	2045	ALT2	EB	PM	Mainline	0.51	0.64	9.67	3.49	5454	4118	0.1453	0.1338	0.0149	0.0006	0.0155	0.0353	0.0029	0.0013	0.0007	0.1330	0.1832
42	2045	ALT2	EB	PM	Mainline	1.54	1.91	28.66	11.06	16609	12663	0.4666	0.4296	0.0444	0.0018	0.0499	0.1119	0.0086	0.0037	0.0023	0.4310	0.5980
43	2045	ALT2	EB	PM	Mainline	0.64	0.80	12.05	4.47	6878	5213	0.1877	0.1728	0.0187	0.0008	0.0200	0.0452	0.0037	0.0016	0.0009	0.1725	0.2372
44	2045	ALT2	EB	PM	Mainline	1.02	1.27	19.06	7.07	10875	8243	0.2968	0.2732	0.0295	0.0012	0.0316	0.0714	0.0058	0.0025	0.0015	0.2727	0.3751
45	2045	ALT2	EB	PM	Mainline	0.45	0.57	8.54	3.11	4831	3651	0.1295	0.1192	0.0132	0.0005	0.0138	0.0314	0.0026	0.0011	0.0006	0.1186	0.1633
46	2045	ALT2	EB	PM	Mainline	1.24	1.54	23.22	8.75	13317	10118	0.3667	0.3376	0.0359	0.0014	0.0393	0.0885	0.0070	0.0030	0.0018	0.3376	0.4685
47	2045	ALT2	EB	PM	Mainline	0.07	0.09	1.29	0.47	730	552	0.0197	0.0181	0.0020	0.0001	0.0021	0.0048	0.0004	0.0002	0.0001	0.0181	0.0249
48	2045	ALT2	EB	PM	Mainline	1.41	1.75	26.17	9.97	15100	11487	0.4215	0.3880	0.0407	0.0016	0.0447	0.1007	0.0079	0.0034	0.0021	0.3887	0.5335
49	2045	ALT2	EB	PM	Mainline	0.12	0.14	2.18	0.81	1243	941	0.0337	0.0310	0.0034	0.0001	0.0036	0.0081	0.0007	0.0003	0.0002	0.0309	0.0427
50	2045	ALT2	EB	PM	Mainline	2.03	2.52	37.85	14.52	21870	16662	0.6104	0.5620	0.0586	0.0023	0.0655	0.1470	0.0114	0.0049	0.0030	0.5634	0.7842
51	2045	ALT2	EB	PM	Mainline	0.36	0.45	6.96	2.26	3749	2788	0.0898	0.0827	0.0105	0.0004	0.0098	0.0227	0.0021	0.0009	0.0005	0.0807	0.1132
52	2045	ALT2	EB	PM	Mainline	0.56	0.70	10.99	3.42	5825	4306	0.1340	0.1234	0.0165	0.0007	0.0148	0.0344	0.0034	0.0014	0.0007	0.1194	0.1680
53	2045	ALT2	EB	PM	Mainline	0.41	0.52	8.05	2.63	4343	3234	0.1044	0.0962	0.0121	0.0005	0.0115	0.0266	0.0024	0.0010	0.0005	0.0939	0.1332
54	2045	ALT2	EB	PM	Mainline	2.33	2.91	45.88	15.09	24714	18436	0.5919	0.5450	0.0682	0.0029	0.0665	0.1527	0.0136	0.0059	0.0030	0.5327	0.7739
55	2045	ALT2	EB	PM	Mainline	1.07	1.34	20.81	6.90	11295	8429	0.2753	0.2535	0.0314	0.0013	0.0303	0.0697	0.0063	0.0027	0.0014	0.2483	0.3519
56	2045	ALT2	EB	PM	Mainline	1.35	1.69	26.11	9.19	14488	10911	0.3707	0.3413	0.0394	0.0016	0.0411	0.0932	0.0078	0.0033	0.0019	0.3376	0.4846
57	2045	ALT2	EB	PM	Mainline	0.75	0.93	14.25	4.85	7849	5874	0.1982	0.1825	0.0219	0.0009	0.0213	0.0488	0.0044	0.0019	0.0010	0.1796	0.2469
58	2045	ALT2	EB	PM	Mainline	2.61	3.25	49.48	17.42	27598	20761	0.7166	0.6598	0.0760	0.0031	0.0771	0.1758	0.0151	0.0064	0.0036	0.6532	0.9046
59	2045	ALT2	EB	PM	Mainline	0.67	0.83	12.80	4.22	6967	5191	0.1710	0.1574	0.0196	0.0008	0.0184	0.0425	0.0039	0.0017	0.0009	0.1542	0.2121
60	2045	ALT2	EB	PM	Mainline	2.85	3.56	54.72	18.30	29895	22324	0.7406	0.6819	0.0835	0.0035	0.0802	0.1845	0.0167	0.0071	0.0038	0.6693	0.9286
61	2045	ALT2	EB	PM	Mainline	0.63	0.78	12.07	3.91	6519	4844	0.1572	0.1447	0.0184	0.0008	0.0169	0.0393	0.0037	0.0016	0.0008	0.1412	0.1942
62	2045	ALT2	EB	PM	Mainline	1.27	1.58	24.15	8.18	13282	9933	0.3346	0.3081	0.0371	0.0016	0.0358	0.0824	0.0074	0.0032	0.0017	0.3031	0.4154
63	2045	ALT2	EB	PM	Mainline	0.51	0.64	9.65	3.48	5441	4107	0.1447	0.1332	0.0149	0.0006	0.0155	0.0351	0.0029	0.0013	0.0007	0.1324	0.1824
64	2045	ALT2	EB	PM	Mainline	1.66	2.06	31.01	11.82	17865	13598	0.4957	0.4564	0.0479	0.0019	0.0533	0.1197	0.0093	0.0040	0.0024	0.4571	0.6372
65	2045	ALT2	EB	PM	Mainline	0.55	0.68	10.36	3.72	5818	4392	0.1533	0.1411	0.0159	0.0006	0.0166	0.0377	0.0031	0.0013	0.0008	0.1401	0.1961
66	2045	ALT2	EB	PM	Mainline	0.17	0.21	3.20	1.14	1795	1353	0.0470	0.0433	0.0049	0.0002	0.0051	0.0115	0.0010	0.0004	0.0002	0.0429	0.0598
67	2045	ALT2	EB	PM	Mainline	1.23	1.52	22.66	9.14	13371	10264	0.3879	0.3571	0.0352	0.0014	0.0417	0.0928	0.0067	0.0029	0.0019	0.3603	0.5047
68	2045	ALT2	EB	PM	Mainline	0.90	1.12	16.70	6.43	9670	7370	0.2713	0.2497	0.0259	0.0010	0.0290	0.0650	0.0050	0.0021	0.0013	0.2505	0.3470
69	2045	ALT2	EB	PM	Mainline	2.10	2.59	37.99	16.45	23162	17961	0.7122	0.6555	0.0597	0.0022	0.0759	0.1671	0.0112	0.0048	0.0034	0.6672	0.9301
70	2045	ALT2	EB	PM	Mainline	1.26	1.55	22.73	9.59	13720	10592	0.4175	0.3843	0.0359	0.0014	0.0437	0.0969	0.0068	0.0029	0.0020	0.3901	0.5318
71	2045	ALT2	EB	PM	Mainline	1.65	2.03	29.28	13.40	18338	14327	0.5928	0.5456	0.0466	0.0017	0.0620	0.1357	0.0087	0.0037	0.0028	0.5588	0.7654
72	2045	ALT2	EB	PM	Mainline	1.59	1.96	28.51	12.30	17392	13469	0.5397	0.4968	0.0452	0.0017	0.0562	0.1242	0.0086	0.0036	0.0026	0.5056	0.6868
73	2045	ALT2	EB	PM	Ramp	0.03	0.04	0.77	0.12	306	209	0.0026	0.0024	0.0009	0.0000	0.0006	0.0014	0.0002	0.0001	0.0000	0.0012	0.0063
74	2045	ALT2	EB	PM	Ramp	0.03	0.04	0.59	0.12	282	197	0.0028	0.0026	0.0009	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0014	0.0096
75	2045	ALT2	EB	PM	Ramp	0.07	0.10	1.80	0.24	737	494	0.0057	0.0053	0.0022	0.0001	0.0010	0.0028	0.0005	0.0004	0.0001	0.0017	0.0096
76	2045	ALT2	EB	PM	Ramp	0.09	0.12	1.83	0.29	849	576	0.0075	0.0069	0.0028	0.0001	0.0019	0.0047	0.0006	0.0004	0.0001	0.0026	0.0209
77	2045	ALT2	EB	PM	Ramp	0.06	0.08	1.60	0.24	644	437	0.0053	0.0049	0.0018	0.0001	0.0011	0.0028	0.0004	0.0003	0.0000	0.0021	0.0116
78	2045	ALT2	EB	PM	Ramp	0.06	0.09	1.27	0.22	604	415	0.0057	0.0052	0.0020	0.0001	0.0016	0.0039	0.0004	0.0003	0.0001	0.0023	0.0191
79	2045	ALT2	EB	PM	Ramp	0.08	0.11	1.96	0.31	835	570	0.0073	0.0067	0.0025	0.0001	0.0016	0.0040	0.0005	0.0004	0.0001	0.0030	0.0171
80	2045	ALT2	EB	PM	Ramp	0.13	0.18	2.69	0.44	1246	850	0.0112	0.0104	0.0040	0.0002	0.0029	0.0071	0.0008	0.0006	0.0001	0.0042	0.0321
81	2045	ALT2	EB	PM	Ramp	0.15	0.21	4.34	0.67	1696	1158	0.0140	0.0130	0.0047	0.0002	0.0030	0.0077	0.0010	0.0007	0.0001	0.0064	0.0326
82	2045	ALT2	EB	PM	Ramp	0.09	0.13	2.08	0.32	930	631	0.0080	0.0074	0.0029	0.0001	0.0017	0.0045	0.0006	0.0005	0.0001	0.0029	0.0185

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
83	2045	ALT2	EB	PM	Ramp	0.03	0.04	0.55	0.18	279	211	0.0040	0.0037	0.0008	0.0000	0.0013	0.0027	0.0001	0.0001	0.0000	0.0032	0.0160
84	2045	ALT2	EB	PM	Ramp	0.03	0.04	0.93	0.14	353	241	0.0028	0.0026	0.0010	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0013	0.0063
85	2045	ALT2	EB	PM	Ramp	0.15	0.20	4.04	0.78	1628	1148	0.0166	0.0153	0.0044	0.0002	0.0041	0.0095	0.0009	0.0005	0.0001	0.0106	0.0479
86	2045	ALT2	EB	PM	Ramp	0.15	0.19	3.20	0.85	1512	1105	0.0186	0.0172	0.0043	0.0002	0.0056	0.0123	0.0008	0.0005	0.0001	0.0132	0.0694
87	2045	ALT2	EB	PM	Ramp	0.05	0.07	1.02	0.20	488	340	0.0049	0.0045	0.0016	0.0001	0.0014	0.0034	0.0003	0.0002	0.0000	0.0024	0.0170
88	2045	ALT2	EB	PM	Ramp	0.07	0.10	1.89	0.38	807	569	0.0082	0.0076	0.0023	0.0001	0.0022	0.0050	0.0005	0.0003	0.0001	0.0049	0.0255
89	2045	ALT2	EB	PM	Ramp	0.03	0.03	0.47	0.11	236	168	0.0026	0.0024	0.0008	0.0000	0.0009	0.0019	0.0001	0.0001	0.0000	0.0015	0.0105
90	2045	ALT2	EB	PM	Ramp	0.08	0.10	1.15	0.39	648	482	0.0087	0.0080	0.0022	0.0001	0.0035	0.0074	0.0004	0.0002	0.0001	0.0061	0.0444
91	2045	ALT2	EB	PM	Ramp	0.07	0.09	1.32	0.43	676	509	0.0096	0.0089	0.0019	0.0001	0.0030	0.0065	0.0003	0.0002	0.0001	0.0076	0.0390
92	2045	ALT2	EB	PM	Ramp	0.11	0.15	1.82	0.46	947	678	0.0108	0.0099	0.0033	0.0001	0.0043	0.0095	0.0006	0.0004	0.0001	0.0061	0.0543
93	2045	ALT2	EB	PM	Ramp	3.17	3.71	24.62	29.04	27691	24200	0.7052	0.6489	0.0755	0.0006	0.2402	0.4849	0.0086	0.0022	0.0032	0.6903	3.2458
94	2045	ALT2	EB	PM	Ramp	0.29	0.38	6.23	1.87	3018	2254	0.0419	0.0386	0.0083	0.0003	0.0123	0.0266	0.0015	0.0008	0.0003	0.0329	0.1561
95	2045	ALT2	EB	PM	Ramp	0.06	0.09	1.70	0.35	708	501	0.0073	0.0068	0.0020	0.0001	0.0019	0.0044	0.0004	0.0002	0.0001	0.0046	0.0228
96	2045	ALT2	EB	PM	Ramp	0.07	0.09	1.98	0.38	782	551	0.0079	0.0073	0.0021	0.0001	0.0019	0.0044	0.0004	0.0003	0.0001	0.0051	0.0219
97	2045	ALT2	EB	PM	Ramp	0.05	0.06	0.61	0.37	433	353	0.0085	0.0078	0.0012	0.0000	0.0029	0.0061	0.0002	0.0001	0.0000	0.0078	0.0392
98	2045	ALT2	EB	PM	Ramp	0.04	0.06	0.86	0.28	438	331	0.0063	0.0058	0.0012	0.0000	0.0020	0.0042	0.0002	0.0001	0.0000	0.0050	0.0253
99	2045	ALT2	EB	PM	Ramp	0.11	0.15	2.73	0.67	1202	874	0.0147	0.0135	0.0033	0.0001	0.0039	0.0088	0.0006	0.0004	0.0001	0.0108	0.0486
100	2045	ALT2	EB	PM	Ramp	0.10	0.13	2.50	0.54	1070	764	0.0116	0.0107	0.0030	0.0001	0.0031	0.0071	0.0006	0.0004	0.0001	0.0076	0.0379
101	2045	ALT2	EB	PM	Ramp	0.03	0.04	0.61	0.20	307	234	0.0048	0.0044	0.0008	0.0000	0.0013	0.0029	0.0001	0.0001	0.0000	0.0040	0.0172
102	2045	ALT2	EB	PM	Ramp	0.03	0.04	0.80	0.18	350	252	0.0040	0.0036	0.0010	0.0000	0.0011	0.0025	0.0002	0.0001	0.0000	0.0027	0.0133
103	2045	ALT2	EB	PM	Ramp	0.02	0.03	0.72	0.12	268	185	0.0023	0.0021	0.0007	0.0000	0.0005	0.0012	0.0002	0.0001	0.0000	0.0013	0.0055
104	2045	ALT2	EB	PM	Ramp	0.06	0.08	1.34	0.23	607	417	0.0056	0.0052	0.0019	0.0001	0.0013	0.0032	0.0004	0.0003	0.0001	0.0024	0.0146
105	2045	ALT2	EB	PM	Ramp	0.04	0.05	1.06	0.19	433	302	0.0041	0.0038	0.0012	0.0001	0.0010	0.0024	0.0002	0.0002	0.0000	0.0023	0.0116
106	2045	ALT2	EB	PM	Ramp	0.01	0.01	0.21	0.03	94	63	0.0008	0.0007	0.0003	0.0000	0.0002	0.0004	0.0001	0.0000	0.0000	0.0002	0.0017
107	2045	ALT2	EB	PM	Ramp	0.09	0.12	2.16	0.44	929	656	0.0095	0.0088	0.0026	0.0001	0.0025	0.0058	0.0005	0.0003	0.0001	0.0057	0.0300
108	2045	ALT2	EB	PM	Ramp	0.07	0.10	1.66	0.24	737	496	0.0061	0.0057	0.0023	0.0001	0.0013	0.0033	0.0005	0.0004	0.0001	0.0019	0.0128
109	2045	ALT2	EB	PM	Ramp	0.06	0.09	1.66	0.33	692	488	0.0070	0.0064	0.0019	0.0001	0.0018	0.0042	0.0004	0.0002	0.0001	0.0042	0.0213
110	2045	ALT2	EB	PM	Ramp	0.07	0.10	1.58	0.26	712	487	0.0064	0.0060	0.0022	0.0001	0.0015	0.0036	0.0005	0.0003	0.0001	0.0026	0.0160
111	2045	ALT2	EB	PM	Ramp	0.02	0.03	0.59	0.12	237	168	0.0025	0.0023	0.0006	0.0000	0.0006	0.0014	0.0001	0.0001	0.0000	0.0016	0.0071
112	2045	ALT2	EB	PM	Ramp	0.10	0.14	2.20	0.41	1023	708	0.0099	0.0091	0.0032	0.0001	0.0025	0.0061	0.0006	0.0005	0.0001	0.0045	0.0290
113	2045	ALT2	EB	PM	Ramp	0.07	0.09	1.86	0.30	744	510	0.0063	0.0058	0.0021	0.0001	0.0014	0.0035	0.0004	0.0003	0.0001	0.0029	0.0153
114	2045	ALT2	EB	PM	Ramp	0.07	0.09	1.52	0.23	678	459	0.0058	0.0054	0.0021	0.0001	0.0013	0.0032	0.0004	0.0003	0.0001	0.0020	0.0132
115	2045	ALT2	EB	PM	Ramp																	
116	2045	ALT2	EB	PM	Ramp	0.03	0.04	0.67	0.08	283	187	0.0021	0.0019	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0026
117	2045	ALT2	EB	PM	Ramp	0.04	0.06	1.08	0.22	464	328	0.0048	0.0044	0.0013	0.0001	0.0013	0.0029	0.0003	0.0002	0.0000	0.0029	0.0152
118	2045	ALT2	EB	PM	Ramp	0.03	0.04	0.72	0.11	317	214	0.0026	0.0024	0.0010	0.0000	0.0005	0.0014	0.0002	0.0002	0.0000	0.0009	0.0051
119	2045	ALT2	EB	PM	Ramp	0.05	0.07	1.37	0.21	531	362	0.0043	0.0040	0.0015	0.0001	0.0009	0.0024	0.0003	0.0002	0.0000	0.0020	0.0099
120	2045	ALT2	EB	PM	Ramp	0.03	0.05	0.81	0.11	349	235	0.0028	0.0026	0.0011	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0009	0.0051
121	2045	ALT2	EB	PM	Ramp	0.05	0.07	1.25	0.31	545	397	0.0068	0.0063	0.0015	0.0001	0.0018	0.0040	0.0003	0.0002	0.0000	0.0051	0.0220
122	2045	ALT2	EB	PM	Ramp	0.89	1.19	23.36	5.04	9810	7016	0.1087	0.1003	0.0266	0.0011	0.0281	0.0639	0.0052	0.0031	0.0008	0.0741	0.3389
123	2045	ALT2	EB	PM	Ramp	0.78	1.02	18.56	4.78	8357	6122	0.1062	0.0979	0.0226	0.0008	0.0291	0.0642	0.0042	0.0025	0.0007	0.0795	0.3622
124	2045	ALT2	EB	PM	Ramp	0.07	0.09	1.39	0.28	660	460	0.0066	0.0061	0.0021	0.0001	0.0018	0.0043	0.0004	0.0003	0.0001	0.0033	0.0215
125	2045	ALT2	EB	PM	Ramp	0.01	0.01	0.20	0.04	82	58	0.0008	0.0007	0.0002	0.0000	0.0002	0.0005	0.0000	0.0000	0.0000	0.0005	0.0022
126	2045	ALT2	EB	PM	Ramp	0.04	0.05	0.82	0.13	380	259	0.0034	0.0032	0.0012	0.0001	0.0009	0.0021	0.0002	0.0002	0.0000	0.0013	0.0097
127	2045	ALT2	EB	PM	Ramp	0.13	0.19	3.11	0.57	1397	966	0.0133	0.0123	0.0042	0.0002	0.0032	0.0077	0.0009	0.0006	0.0001	0.0063	0.0363
128	2045	ALT2	EB	PM	Ramp	0.02	0.02	0.40	0.05	171	113	0.0012	0.0011	0.0005	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0002	0.0011
129	2045	ALT2	EB	PM	Ramp	0.07	0.10	1.94	0.40	808	574	0.0086	0.0079	0.0022	0.0001	0.0022	0.0051	0.0004	0.0003	0.0001	0.0056	0.0265
130	2045	ALT2	EB	PM	Ramp	0.06	0.09	1.95	0.28	733	497	0.0056	0.0052	0.0020	0.0001	0.0011	0.0030	0.0004	0.0003	0.0001	0.0024	0.0116

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
131	2045	ALT2	EB	PM	Ramp	0.10	0.13	2.33	0.60	1048	766	0.0132	0.0121	0.0028	0.0001	0.0036	0.0080	0.0005	0.0003	0.0001	0.0098	0.0451
132	2045	ALT2	EB	PM	Ramp	0.06	0.08	1.77	0.23	649	435	0.0046	0.0042	0.0018	0.0001	0.0008	0.0023	0.0004	0.0003	0.0000	0.0016	0.0077
133	2045	ALT2	EB	PM	Ramp	0.13	0.18	3.62	0.68	1465	1027	0.0143	0.0132	0.0040	0.0002	0.0036	0.0084	0.0008	0.0005	0.0001	0.0086	0.0414
134	2045	ALT2	EB	PM	Ramp	0.24	0.33	6.80	1.16	2683	1858	0.0241	0.0223	0.0074	0.0003	0.0057	0.0137	0.0015	0.0010	0.0002	0.0130	0.0640
135	2045	ALT2	EB	PM	Ramp	0.09	0.13	2.48	0.51	1029	730	0.0108	0.0100	0.0028	0.0001	0.0028	0.0064	0.0006	0.0003	0.0001	0.0070	0.0333
136	2045	ALT2	EB	PM	Ramp	0.03	0.04	0.63	0.08	276	184	0.0022	0.0020	0.0009	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0005	0.0035
137	2045	ALT2	EB	PM	Ramp	0.70	0.90	13.70	4.54	7001	5288	0.1010	0.0931	0.0195	0.0006	0.0315	0.0675	0.0034	0.0019	0.0006	0.0805	0.4041
138	2045	ALT2	EB	PM	Ramp	0.03	0.05	0.87	0.14	362	249	0.0032	0.0029	0.0010	0.0000	0.0007	0.0018	0.0002	0.0002	0.0000	0.0015	0.0081
139	2045	ALT2	EB	PM	Ramp	0.06	0.09	1.43	0.19	625	418	0.0050	0.0046	0.0019	0.0001	0.0009	0.0025	0.0004	0.0003	0.0001	0.0013	0.0090
140	2045	ALT2	EB	PM	Ramp	0.11	0.16	3.05	0.43	1229	830	0.0097	0.0090	0.0036	0.0002	0.0019	0.0050	0.0008	0.0006	0.0001	0.0035	0.0191
141	2045	ALT2	EB	PM	Ramp	0.02	0.03	0.63	0.08	227	151	0.0015	0.0014	0.0006	0.0000	0.0002	0.0007	0.0001	0.0001	0.0000	0.0004	0.0021
142	2045	ALT2	EB	PM	Ramp	0.05	0.07	1.81	0.21	635	420	0.0040	0.0037	0.0017	0.0001	0.0006	0.0019	0.0004	0.0003	0.0000	0.0011	0.0048
143	2045	ALT2	EB	PM	Ramp	0.04	0.06	1.40	0.17	501	333	0.0032	0.0030	0.0014	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0009	0.0042
144	2045	ALT2	EB	PM	HOV	0.13	0.18	3.56	0.41	1340	871	0.0057	0.0053	0.0043	0.0002	0.0008	0.0033	0.0010	0.0005	0.0001	0.0005	0.0010
145	2045	ALT2	EB	PM	HOV	0.35	0.46	9.40	1.09	3538	2300	0.0151	0.0140	0.0114	0.0006	0.0022	0.0087	0.0026	0.0012	0.0002	0.0014	0.0027
146	2045	ALT2	EB	PM	HOV	0.02	0.02	0.41	0.05	153	99	0.0007	0.0006	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
147	2045	ALT2	EB	PM	HOV	0.30	0.39	7.95	0.92	2992	1945	0.0128	0.0118	0.0096	0.0005	0.0019	0.0074	0.0022	0.0010	0.0001	0.0012	0.0023
148	2045	ALT2	EB	PM	HOV	0.11	0.14	2.89	0.34	1088	707	0.0046	0.0043	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0008
149	2045	ALT2	EB	PM	HOV	0.18	0.23	4.76	0.55	1794	1166	0.0077	0.0071	0.0058	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
150	2045	ALT2	EB	PM	HOV	0.19	0.25	4.94	0.58	1896	1233	0.0081	0.0075	0.0062	0.0003	0.0012	0.0048	0.0014	0.0006	0.0001	0.0008	0.0014
151	2045	ALT2	EB	PM	HOV	0.26	0.34	6.66	0.78	2560	1664	0.0109	0.0101	0.0084	0.0005	0.0017	0.0065	0.0019	0.0009	0.0001	0.0011	0.0019
152	2045	ALT2	EB	PM	HOV	0.21	0.27	5.29	0.62	2030	1320	0.0087	0.0080	0.0067	0.0004	0.0013	0.0051	0.0015	0.0007	0.0001	0.0008	0.0015
153	2045	ALT2	EB	PM	HOV	0.07	0.09	1.65	0.19	654	425	0.0028	0.0026	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
154	2045	ALT2	EB	PM	HOV	0.13	0.17	3.16	0.36	1250	813	0.0053	0.0050	0.0043	0.0002	0.0008	0.0033	0.0010	0.0004	0.0001	0.0005	0.0009
155	2045	ALT2	EB	PM	HOV	0.10	0.13	2.35	0.27	929	604	0.0040	0.0037	0.0032	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0007
156	2045	ALT2	EB	PM	HOV	0.08	0.10	1.85	0.21	731	475	0.0031	0.0029	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0005
157	2045	ALT2	EB	PM	HOV	0.14	0.18	3.25	0.37	1286	836	0.0055	0.0051	0.0044	0.0002	0.0009	0.0034	0.0010	0.0004	0.0001	0.0005	0.0009
158	2045	ALT2	EB	PM	HOV	0.16	0.21	3.74	0.43	1483	964	0.0063	0.0059	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0011
159	2045	ALT2	EB	PM	HOV	0.09	0.12	2.14	0.25	849	552	0.0036	0.0034	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0003	0.0006
160	2045	ALT2	EB	PM	HOV	0.17	0.22	3.99	0.46	1581	1028	0.0068	0.0063	0.0054	0.0003	0.0011	0.0042	0.0012	0.0005	0.0001	0.0006	0.0011
161	2045	ALT2	EB	PM	HOV	0.06	0.08	1.40	0.16	558	363	0.0024	0.0022	0.0019	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0002	0.0004
162	2045	ALT2	EB	PM	HOV	0.04	0.06	1.01	0.12	401	261	0.0017	0.0016	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
163	2045	ALT2	EB	PM	HOV	0.10	0.13	2.38	0.27	949	617	0.0041	0.0038	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
164	2045	ALT2	EB	PM	HOV	0.01	0.01	0.24	0.03	95	61	0.0004	0.0004	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
165	2045	ALT2	EB	PM	HOV	0.05	0.06	1.12	0.13	444	289	0.0019	0.0018	0.0015	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0003
166	2045	ALT2	EB	PM	HOV	0.06	0.08	1.38	0.16	549	357	0.0023	0.0022	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
167	2045	ALT2	EB	PM	HOV	0.04	0.05	0.97	0.11	388	252	0.0017	0.0015	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
168	2045	ALT2	EB	PM	HOV	0.03	0.04	0.63	0.07	252	164	0.0011	0.0010	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
169	2045	ALT2	EB	PM	HOV	0.25	0.32	5.75	0.66	2289	1488	0.0098	0.0091	0.0079	0.0004	0.0016	0.0060	0.0018	0.0008	0.0001	0.0009	0.0016
170	2045	ALT2	EB	PM	HOV	0.18	0.23	4.16	0.48	1654	1075	0.0071	0.0066	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0012
171	2045	ALT2	EB	PM	HOV	0.10	0.13	2.31	0.26	922	599	0.0039	0.0037	0.0032	0.0002	0.0006	0.0025	0.0007	0.0003	0.0000	0.0004	0.0007
172	2045	ALT2	EB	PM	HOV	0.06	0.08	1.35	0.15	539	350	0.0023	0.0021	0.0019	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0004
173	2045	ALT2	EB	PM	HOV	0.10	0.13	2.40	0.27	958	623	0.0041	0.0038	0.0033	0.0002	0.0007	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
174	2045	ALT2	EB	PM	HOV	0.07	0.10	1.70	0.19	678	441	0.0029	0.0027	0.0024	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
175	2045	ALT2	EB	PM	HOV	0.09	0.11	2.03	0.23	811	527	0.0035	0.0032	0.0028	0.0002	0.0006	0.0022	0.0006	0.0003	0.0000	0.0003	0.0006
176	2045	ALT2	EB	PM	HOV	0.08	0.10	1.77	0.20	709	461	0.0030	0.0028	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0005
177	2045	ALT2	EB	PM	HOV	0.10	0.14	2.41	0.28	964	627	0.0041	0.0038	0.0033	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0007
178	2045	ALT2	EB	PM	HOV	0.05	0.07	1.17	0.13	468	304	0.0020	0.0019	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0003

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
179	2045	ALT2	EB	PM	HOV	0.06	0.08	1.40	0.16	560	364	0.0024	0.0022	0.0019	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0002	0.0004
180	2045	ALT2	EB	PM	HOV	0.08	0.11	1.89	0.22	755	491	0.0032	0.0030	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0005
181	2045	ALT2	EB	PM	HOV	0.11	0.15	3.98	0.43	1326	862	0.0058	0.0054	0.0037	0.0002	0.0007	0.0029	0.0008	0.0005	0.0001	0.0005	0.0012
182	2045	ALT2	EB	PM	HOV	0.11	0.15	3.73	0.40	1243	808	0.0054	0.0050	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0011
183	2045	ALT2	EB	PM	HOV	0.08	0.11	2.70	0.29	901	586	0.0039	0.0036	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0008
184	2045	ALT2	EB	PM	HOV	0.03	0.04	0.94	0.10	312	203	0.0014	0.0013	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0003
185	2045	ALT2	EB	PM	HOV	0.09	0.12	3.09	0.33	1031	670	0.0045	0.0042	0.0029	0.0002	0.0006	0.0022	0.0007	0.0004	0.0001	0.0004	0.0010
186	2045	ALT2	EB	PM	HOV	0.04	0.05	1.22	0.13	407	265	0.0018	0.0016	0.0011	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0004
187	2045	ALT2	EB	PM	HOV	0.06	0.08	1.93	0.21	644	419	0.0028	0.0026	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0006
188	2045	ALT2	EB	PM	HOV	0.02	0.03	0.84	0.09	281	183	0.0012	0.0011	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0003
189	2045	ALT2	EB	PM	HOV	0.07	0.10	2.48	0.27	827	538	0.0036	0.0033	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0008
190	2045	ALT2	EB	PM	HOV	0.00	0.01	0.13	0.01	44	29	0.0002	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
191	2045	ALT2	EB	PM	HOV	0.14	0.18	3.21	0.37	1272	827	0.0054	0.0050	0.0044	0.0002	0.0009	0.0033	0.0010	0.0004	0.0001	0.0005	0.0009
192	2045	ALT2	EB	PM	HOV	0.01	0.01	0.26	0.03	101	66	0.0004	0.0004	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
193	2045	ALT2	EB	PM	HOV	0.21	0.27	5.00	0.57	1978	1286	0.0085	0.0078	0.0068	0.0004	0.0013	0.0052	0.0016	0.0007	0.0001	0.0008	0.0014
194	2045	ALT2	EB	PM	HOV	0.02	0.03	0.58	0.07	230	149	0.0010	0.0009	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
195	2045	ALT2	EB	PM	HOV	0.03	0.04	0.69	0.08	271	176	0.0012	0.0011	0.0009	0.0001	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
196	2045	ALT2	EB	PM	HOV	0.02	0.03	0.58	0.07	228	148	0.0010	0.0009	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
197	2045	ALT2	EB	PM	HOV	0.14	0.18	3.35	0.39	1326	862	0.0057	0.0053	0.0045	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0005	0.0010
198	2045	ALT2	EB	PM	HOV	0.06	0.08	1.50	0.17	593	386	0.0025	0.0024	0.0020	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
199	2045	ALT2	EB	PM	HOV	0.14	0.18	3.51	0.41	1355	881	0.0058	0.0054	0.0045	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0010
200	2045	ALT2	EB	PM	HOV	0.07	0.09	1.81	0.21	698	454	0.0030	0.0028	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
201	2045	ALT2	EB	PM	HOV	0.27	0.36	6.87	0.80	2651	1724	0.0113	0.0105	0.0088	0.0005	0.0017	0.0067	0.0020	0.0009	0.0001	0.0011	0.0020
202	2045	ALT2	EB	PM	HOV	0.06	0.08	1.60	0.19	616	400	0.0026	0.0024	0.0020	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
203	2045	ALT2	EB	PM	HOV	0.29	0.38	7.31	0.85	2822	1835	0.0121	0.0112	0.0093	0.0005	0.0018	0.0072	0.0021	0.0010	0.0001	0.0012	0.0021
204	2045	ALT2	EB	PM	HOV	0.06	0.08	1.60	0.19	616	401	0.0026	0.0024	0.0020	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
205	2045	ALT2	EB	PM	HOV	0.14	0.18	3.57	0.42	1372	892	0.0059	0.0054	0.0045	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0006	0.0010
206	2045	ALT2	EB	PM	HOV	0.06	0.08	1.61	0.19	619	402	0.0026	0.0025	0.0020	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
207	2045	ALT2	EB	PM	HOV	0.23	0.30	5.86	0.69	2254	1466	0.0096	0.0089	0.0074	0.0004	0.0015	0.0057	0.0017	0.0008	0.0001	0.0009	0.0017
208	2045	ALT2	EB	PM	HOV	0.07	0.09	1.81	0.21	695	452	0.0030	0.0028	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
209	2045	ALT2	EB	PM	HOV	0.02	0.02	0.46	0.05	177	115	0.0008	0.0007	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
210	2045	ALT2	EB	PM	HOV	0.19	0.25	5.14	0.60	1938	1260	0.0083	0.0077	0.0062	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0015
211	2045	ALT2	EB	PM	HOV	0.13	0.18	3.55	0.41	1337	869	0.0057	0.0053	0.0043	0.0002	0.0008	0.0033	0.0010	0.0005	0.0001	0.0005	0.0010
212	2045	ALT2	EB	PM	HOV	0.36	0.47	9.50	1.10	3578	2326	0.0153	0.0142	0.0115	0.0006	0.0023	0.0088	0.0026	0.0012	0.0002	0.0015	0.0028
213	2045	ALT2	EB	PM	HOV	0.21	0.27	5.47	0.63	2059	1339	0.0088	0.0081	0.0066	0.0004	0.0013	0.0051	0.0015	0.0007	0.0001	0.0008	0.0016
214	2045	ALT2	EB	PM	HOV																	
215	2045	ALT2	EB	PM	HOV																	
1	2045	ALT2	EB	NT	Mainline	0.78	1.06	26.18	3.67	9234	6244	0.0691	0.0639	0.0247	0.0012	0.0125	0.0334	0.0053	0.0031	0.0006	0.0339	0.1187
2	2045	ALT2	EB	NT	Mainline	1.89	2.52	59.78	8.83	21809	14771	0.1754	0.1620	0.0596	0.0029	0.0284	0.0774	0.0130	0.0070	0.0014	0.0976	0.2582
3	2045	ALT2	EB	NT	Mainline	0.09	0.12	2.91	0.43	1068	722	0.0085	0.0079	0.0030	0.0001	0.0013	0.0037	0.0006	0.0003	0.0001	0.0047	0.0116
4	2045	ALT2	EB	NT	Mainline	1.65	2.22	53.94	7.85	19348	13109	0.1517	0.1401	0.0521	0.0025	0.0260	0.0700	0.0113	0.0064	0.0012	0.0809	0.2439
5	2045	ALT2	EB	NT	Mainline	0.66	0.87	19.67	2.97	7408	5014	0.0618	0.0571	0.0209	0.0010	0.0093	0.0258	0.0046	0.0023	0.0005	0.0360	0.0802
6	2045	ALT2	EB	NT	Mainline	0.96	1.28	29.66	4.49	10993	7463	0.0923	0.0852	0.0303	0.0015	0.0146	0.0396	0.0066	0.0035	0.0007	0.0537	0.1333
7	2045	ALT2	EB	NT	Mainline	1.48	2.00	49.02	7.08	17446	11844	0.1355	0.1252	0.0465	0.0022	0.0251	0.0661	0.0100	0.0059	0.0011	0.0695	0.2467
8	2045	ALT2	EB	NT	Mainline	1.80	2.38	55.19	8.49	20540	13976	0.1766	0.1630	0.0564	0.0027	0.0282	0.0757	0.0122	0.0064	0.0013	0.1051	0.2624
9	2045	ALT2	EB	NT	Mainline	1.61	2.18	53.32	7.68	19009	12904	0.1474	0.1361	0.0508	0.0024	0.0276	0.0725	0.0109	0.0065	0.0012	0.0746	0.2722
10	2045	ALT2	EB	NT	Mainline	0.47	0.61	13.52	2.15	5199	3541	0.0473	0.0436	0.0146	0.0007	0.0071	0.0192	0.0032	0.0016	0.0003	0.0295	0.0642
11	2045	ALT2	EB	NT	Mainline	0.94	1.25	29.68	4.53	10878	7407	0.0916	0.0846	0.0294	0.0014	0.0154	0.0409	0.0063	0.0035	0.0007	0.0531	0.1476

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
12	2045	ALT2	EB	NT	Mainline	0.67	0.88	19.60	3.06	7455	5070	0.0660	0.0609	0.0209	0.0010	0.0100	0.0272	0.0045	0.0023	0.0005	0.0403	0.0902
13	2045	ALT2	EB	NT	Mainline	0.67	0.87	18.39	2.89	7209	4883	0.0638	0.0589	0.0210	0.0011	0.0090	0.0253	0.0046	0.0022	0.0005	0.0389	0.0751
14	2045	ALT2	EB	NT	Mainline	1.02	1.33	28.63	4.50	11100	7533	0.0988	0.0911	0.0318	0.0016	0.0143	0.0397	0.0070	0.0034	0.0007	0.0606	0.1239
15	2045	ALT2	EB	NT	Mainline	1.26	1.68	40.24	6.10	14671	9984	0.1219	0.1126	0.0396	0.0019	0.0207	0.0549	0.0085	0.0047	0.0009	0.0696	0.1982
16	2045	ALT2	EB	NT	Mainline	0.78	1.06	25.87	3.77	9235	6276	0.0725	0.0670	0.0246	0.0012	0.0136	0.0355	0.0053	0.0031	0.0006	0.0377	0.1342
17	2045	ALT2	EB	NT	Mainline	1.38	1.88	44.73	6.59	16178	11020	0.1283	0.1186	0.0433	0.0021	0.0255	0.0655	0.0092	0.0057	0.0011	0.0647	0.2608
18	2045	ALT2	EB	NT	Mainline	1.01	1.34	31.78	4.88	11677	7957	0.0992	0.0916	0.0316	0.0015	0.0167	0.0441	0.0068	0.0037	0.0008	0.0580	0.1604
19	2045	ALT2	EB	NT	Mainline	0.80	1.06	23.89	3.73	9034	6149	0.0798	0.0737	0.0251	0.0012	0.0123	0.0331	0.0055	0.0028	0.0006	0.0488	0.1122
20	2045	ALT2	EB	NT	Mainline	1.71	2.27	54.11	8.18	19774	13446	0.1642	0.1516	0.0536	0.0026	0.0275	0.0733	0.0116	0.0063	0.0013	0.0939	0.2604
21	2045	ALT2	EB	NT	Mainline	0.19	0.25	5.83	0.88	2166	1470	0.0182	0.0168	0.0060	0.0003	0.0029	0.0078	0.0013	0.0007	0.0001	0.0107	0.0259
22	2045	ALT2	EB	NT	Mainline	0.77	1.01	22.95	3.53	8647	5873	0.0746	0.0689	0.0241	0.0012	0.0114	0.0311	0.0053	0.0027	0.0006	0.0447	0.1025
23	2045	ALT2	EB	NT	Mainline	0.81	1.07	24.59	3.71	9149	6205	0.0766	0.0707	0.0253	0.0012	0.0119	0.0325	0.0055	0.0029	0.0006	0.0446	0.1067
24	2045	ALT2	EB	NT	Mainline	0.74	0.97	21.13	3.45	8221	5616	0.0777	0.0717	0.0232	0.0011	0.0115	0.0310	0.0050	0.0025	0.0006	0.0499	0.1063
25	2045	ALT2	EB	NT	Mainline	0.46	0.61	14.57	2.29	5364	3669	0.0468	0.0432	0.0144	0.0007	0.0081	0.0211	0.0031	0.0017	0.0004	0.0279	0.0808
26	2045	ALT2	EB	NT	Mainline	4.00	5.33	127.38	19.66	46584	31808	0.3968	0.3662	0.1251	0.0060	0.0696	0.1815	0.0268	0.0149	0.0031	0.2308	0.6876
27	2045	ALT2	EB	NT	Mainline	3.26	4.27	93.55	15.12	36170	24689	0.3373	0.3112	0.1017	0.0050	0.0505	0.1357	0.0221	0.0111	0.0024	0.2145	0.4651
28	2045	ALT2	EB	NT	Mainline	1.85	2.43	54.25	8.85	20832	14260	0.1967	0.1815	0.0577	0.0028	0.0303	0.0802	0.0125	0.0063	0.0014	0.1264	0.2886
29	2045	ALT2	EB	NT	Mainline	1.25	1.65	36.86	5.94	14095	9632	0.1307	0.1206	0.0391	0.0019	0.0201	0.0535	0.0085	0.0043	0.0009	0.0829	0.1894
30	2045	ALT2	EB	NT	Mainline	2.23	2.91	60.85	10.12	24192	16524	0.2357	0.2174	0.0695	0.0034	0.0336	0.0910	0.0152	0.0074	0.0017	0.1542	0.3028
31	2045	ALT2	EB	NT	Mainline	1.58	2.07	45.65	7.42	17622	12043	0.1656	0.1528	0.0493	0.0024	0.0250	0.0668	0.0107	0.0054	0.0012	0.1059	0.2335
32	2045	ALT2	EB	NT	Mainline	1.66	2.20	50.94	8.25	19120	13117	0.1758	0.1623	0.0517	0.0025	0.0296	0.0765	0.0111	0.0059	0.0013	0.1101	0.2944
33	2045	ALT2	EB	NT	Mainline	1.54	2.02	45.89	7.48	17473	11977	0.1643	0.1516	0.0479	0.0023	0.0261	0.0685	0.0103	0.0053	0.0012	0.1052	0.2541
34	2045	ALT2	EB	NT	Mainline	1.84	2.43	55.68	9.24	21102	14523	0.2011	0.1856	0.0571	0.0027	0.0338	0.0867	0.0122	0.0065	0.0014	0.1295	0.3421
35	2045	ALT2	EB	NT	Mainline	1.01	1.32	29.20	4.82	11283	7732	0.1084	0.1000	0.0313	0.0015	0.0166	0.0438	0.0068	0.0034	0.0008	0.0705	0.1587
36	2045	ALT2	EB	NT	Mainline	1.20	1.58	34.98	5.77	13518	9264	0.1299	0.1199	0.0375	0.0018	0.0199	0.0525	0.0081	0.0041	0.0009	0.0845	0.1901
37	2045	ALT2	EB	NT	Mainline	1.62	2.13	47.12	7.77	18207	12477	0.1750	0.1614	0.0505	0.0024	0.0268	0.0707	0.0109	0.0055	0.0012	0.1138	0.2561
38	2045	ALT2	EB	NT	Mainline	2.36	3.10	69.39	11.61	26750	18389	0.2619	0.2417	0.0734	0.0035	0.0411	0.1069	0.0158	0.0081	0.0018	0.1727	0.4038
39	2045	ALT2	EB	NT	Mainline	2.52	3.28	68.23	11.68	27395	18784	0.2794	0.2577	0.0785	0.0038	0.0397	0.1061	0.0171	0.0083	0.0020	0.1883	0.3677
40	2045	ALT2	EB	NT	Mainline	1.71	2.22	43.28	7.60	17961	12319	0.1923	0.1774	0.0533	0.0026	0.0259	0.0699	0.0116	0.0054	0.0013	0.1328	0.2326
41	2045	ALT2	EB	NT	Mainline	0.63	0.81	16.76	2.86	6753	4623	0.0684	0.0631	0.0195	0.0010	0.0096	0.0258	0.0043	0.0020	0.0005	0.0458	0.0873
42	2045	ALT2	EB	NT	Mainline	1.82	2.38	51.78	8.77	20282	13937	0.2028	0.1871	0.0565	0.0027	0.0307	0.0805	0.0122	0.0061	0.0014	0.1354	0.2963
43	2045	ALT2	EB	NT	Mainline	0.81	1.05	21.01	3.64	8603	5895	0.0897	0.0828	0.0252	0.0012	0.0123	0.0332	0.0055	0.0026	0.0006	0.0611	0.1111
44	2045	ALT2	EB	NT	Mainline	1.28	1.66	33.22	5.75	13604	9322	0.1419	0.1309	0.0399	0.0020	0.0194	0.0525	0.0087	0.0041	0.0010	0.0967	0.1757
45	2045	ALT2	EB	NT	Mainline	0.56	0.73	14.66	2.53	5978	4096	0.0619	0.0571	0.0175	0.0009	0.0085	0.0230	0.0038	0.0018	0.0004	0.0420	0.0774
46	2045	ALT2	EB	NT	Mainline	1.45	1.90	41.22	6.97	16171	11104	0.1613	0.1488	0.0452	0.0022	0.0242	0.0638	0.0098	0.0049	0.0011	0.1075	0.2324
47	2045	ALT2	EB	NT	Mainline	0.09	0.11	2.29	0.39	931	637	0.0095	0.0088	0.0027	0.0001	0.0013	0.0036	0.0006	0.0003	0.0001	0.0064	0.0118
48	2045	ALT2	EB	NT	Mainline	1.86	2.40	47.04	8.14	19426	13297	0.2031	0.1874	0.0577	0.0029	0.0274	0.0745	0.0126	0.0059	0.0014	0.1384	0.2428
49	2045	ALT2	EB	NT	Mainline	0.14	0.19	3.83	0.66	1549	1061	0.0158	0.0146	0.0045	0.0002	0.0022	0.0060	0.0010	0.0005	0.0001	0.0107	0.0202
50	2045	ALT2	EB	NT	Mainline	2.28	2.96	59.25	10.36	24296	16675	0.2572	0.2373	0.0709	0.0035	0.0353	0.0949	0.0155	0.0073	0.0018	0.1769	0.3237
51	2045	ALT2	EB	NT	Mainline	0.34	0.45	9.97	1.62	3834	2622	0.0360	0.0332	0.0107	0.0005	0.0055	0.0146	0.0023	0.0012	0.0003	0.0230	0.0518
52	2045	ALT2	EB	NT	Mainline	0.48	0.63	14.66	2.38	5515	3783	0.0509	0.0470	0.0149	0.0007	0.0085	0.0220	0.0032	0.0017	0.0004	0.0320	0.0843
53	2045	ALT2	EB	NT	Mainline	0.38	0.50	11.89	1.92	4398	3025	0.0394	0.0364	0.0117	0.0005	0.0074	0.0187	0.0025	0.0014	0.0003	0.0238	0.0772
54	2045	ALT2	EB	NT	Mainline	2.56	3.52	76.27	11.91	29180	19989	0.2430	0.2245	0.0803	0.0037	0.0535	0.1335	0.0167	0.0111	0.0021	0.1185	0.5772
55	2045	ALT2	EB	NT	Mainline	0.93	1.24	28.91	4.73	10808	7431	0.0997	0.0920	0.0290	0.0014	0.0175	0.0445	0.0062	0.0034	0.0007	0.0624	0.1778
56	2045	ALT2	EB	NT	Mainline	1.38	1.88	43.61	6.86	16123	11076	0.1370	0.1265	0.0432	0.0020	0.0287	0.0717	0.0090	0.0056	0.0011	0.0748	0.3080
57	2045	ALT2	EB	NT	Mainline	0.74	0.96	20.23	3.41	8037	5504	0.0799	0.0737	0.0229	0.0011	0.0115	0.0309	0.0050	0.0024	0.0006	0.0531	0.1066
58	2045	ALT2	EB	NT	Mainline	2.43	3.21	73.25	11.98	27793	19072	0.2614	0.2412	0.0757	0.0036	0.0425	0.1105	0.0162	0.0085	0.0019	0.1670	0.4191
59	2045	ALT2	EB	NT	Mainline	0.64	0.85	18.89	3.04	7240	4946	0.0671	0.0620	0.0201	0.0010	0.0103	0.0274	0.0044	0.0022	0.0005	0.0426	0.0962

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
60	2045	ALT2	EB	NT	Mainline	2.76	3.71	89.65	13.63	32444	22169	0.2691	0.2485	0.0864	0.0041	0.0509	0.1308	0.0184	0.0107	0.0021	0.1496	0.5185
61	2045	ALT2	EB	NT	Mainline	0.62	0.81	18.77	2.92	7017	4780	0.0613	0.0566	0.0193	0.0009	0.0098	0.0261	0.0042	0.0022	0.0005	0.0370	0.0914
62	2045	ALT2	EB	NT	Mainline	1.37	1.80	38.23	6.16	14980	10196	0.1387	0.1280	0.0430	0.0021	0.0200	0.0548	0.0094	0.0046	0.0010	0.0877	0.1765
63	2045	ALT2	EB	NT	Mainline	0.53	0.69	14.10	2.39	5682	3887	0.0572	0.0527	0.0165	0.0008	0.0080	0.0216	0.0036	0.0017	0.0004	0.0382	0.0722
64	2045	ALT2	EB	NT	Mainline	1.72	2.24	47.10	7.95	18746	12837	0.1869	0.1724	0.0535	0.0026	0.0269	0.0720	0.0116	0.0057	0.0013	0.1243	0.2482
65	2045	ALT2	EB	NT	Mainline	0.54	0.72	15.96	2.57	6115	4179	0.0568	0.0524	0.0170	0.0008	0.0087	0.0232	0.0037	0.0019	0.0004	0.0361	0.0816
66	2045	ALT2	EB	NT	Mainline	0.19	0.25	5.73	0.98	2155	1495	0.0205	0.0190	0.0057	0.0003	0.0040	0.0099	0.0012	0.0007	0.0002	0.0130	0.0440
67	2045	ALT2	EB	NT	Mainline	1.39	1.85	42.24	7.54	16156	11279	0.1618	0.1493	0.0427	0.0019	0.0327	0.0789	0.0088	0.0050	0.0012	0.1066	0.3633
68	2045	ALT2	EB	NT	Mainline	0.99	1.30	28.44	5.18	11270	7842	0.1238	0.1142	0.0305	0.0014	0.0198	0.0497	0.0064	0.0033	0.0008	0.0877	0.2072
69	2045	ALT2	EB	NT	Mainline	2.44	3.21	72.22	13.33	28104	19667	0.2999	0.2765	0.0744	0.0034	0.0557	0.1351	0.0154	0.0084	0.0020	0.2077	0.6132
70	2045	ALT2	EB	NT	Mainline	1.64	2.12	41.09	7.93	17472	12148	0.2146	0.1979	0.0506	0.0024	0.0290	0.0748	0.0109	0.0051	0.0014	0.1592	0.2848
71	2045	ALT2	EB	NT	Mainline	2.04	2.65	55.76	10.68	22785	15928	0.2701	0.2491	0.0625	0.0029	0.0413	0.1029	0.0132	0.0066	0.0017	0.1986	0.4330
72	2045	ALT2	EB	NT	Mainline	2.28	2.94	56.02	10.64	23929	16580	0.2892	0.2667	0.0705	0.0034	0.0382	0.1001	0.0153	0.0070	0.0019	0.2125	0.3646
73	2045	ALT2	EB	NT	Ramp	0.11	0.17	2.18	0.26	1072	707	0.0087	0.0081	0.0037	0.0002	0.0015	0.0044	0.0008	0.0007	0.0001	0.0011	0.0138
74	2045	ALT2	EB	NT	Ramp	0.08	0.12	1.38	0.22	718	484	0.0066	0.0061	0.0027	0.0001	0.0021	0.0051	0.0005	0.0004	0.0001	0.0017	0.0245
75	2045	ALT2	EB	NT	Ramp	0.17	0.26	2.23	0.28	1410	927	0.0138	0.0128	0.0057	0.0003	0.0026	0.0073	0.0012	0.0011	0.0002	0.0012	0.0261
76	2045	ALT2	EB	NT	Ramp	0.15	0.22	2.39	0.33	1293	859	0.0116	0.0107	0.0049	0.0002	0.0029	0.0075	0.0010	0.0009	0.0001	0.0019	0.0310
77	2045	ALT2	EB	NT	Ramp	0.18	0.27	2.54	0.33	1515	998	0.0143	0.0133	0.0060	0.0003	0.0029	0.0080	0.0013	0.0011	0.0002	0.0014	0.0293
78	2045	ALT2	EB	NT	Ramp	0.13	0.19	1.74	0.28	1023	686	0.0100	0.0092	0.0042	0.0002	0.0035	0.0083	0.0008	0.0007	0.0001	0.0019	0.0404
79	2045	ALT2	EB	NT	Ramp	0.21	0.32	2.61	0.34	1698	1117	0.0170	0.0157	0.0069	0.0003	0.0035	0.0095	0.0015	0.0014	0.0002	0.0015	0.0359
80	2045	ALT2	EB	NT	Ramp	0.21	0.31	3.69	0.51	1884	1256	0.0165	0.0152	0.0068	0.0003	0.0042	0.0107	0.0014	0.0012	0.0002	0.0033	0.0450
81	2045	ALT2	EB	NT	Ramp	0.25	0.37	6.38	0.76	2738	1810	0.0204	0.0189	0.0085	0.0004	0.0031	0.0092	0.0018	0.0015	0.0002	0.0038	0.0251
82	2045	ALT2	EB	NT	Ramp	0.15	0.21	3.18	0.42	1460	973	0.0118	0.0109	0.0048	0.0002	0.0024	0.0065	0.0010	0.0008	0.0001	0.0027	0.0238
83	2045	ALT2	EB	NT	Ramp	0.03	0.05	0.98	0.14	388	263	0.0031	0.0029	0.0011	0.0001	0.0006	0.0017	0.0002	0.0002	0.0000	0.0013	0.0067
84	2045	ALT2	EB	NT	Ramp	0.08	0.12	2.41	0.31	929	621	0.0067	0.0062	0.0026	0.0001	0.0012	0.0033	0.0006	0.0004	0.0001	0.0021	0.0109
85	2045	ALT2	EB	NT	Ramp	0.15	0.21	4.50	0.57	1692	1130	0.0120	0.0111	0.0048	0.0002	0.0021	0.0058	0.0010	0.0007	0.0001	0.0037	0.0188
86	2045	ALT2	EB	NT	Ramp	0.28	0.40	5.27	0.84	2571	1742	0.0230	0.0213	0.0089	0.0004	0.0068	0.0164	0.0018	0.0014	0.0002	0.0072	0.0770
87	2045	ALT2	EB	NT	Ramp	0.12	0.18	2.21	0.29	1126	748	0.0097	0.0090	0.0041	0.0002	0.0023	0.0060	0.0009	0.0007	0.0001	0.0017	0.0239
88	2045	ALT2	EB	NT	Ramp	0.10	0.15	2.51	0.29	1071	707	0.0079	0.0073	0.0033	0.0002	0.0011	0.0035	0.0007	0.0006	0.0001	0.0014	0.0088
89	2045	ALT2	EB	NT	Ramp	0.05	0.08	0.99	0.14	494	331	0.0043	0.0040	0.0018	0.0001	0.0012	0.0029	0.0004	0.0003	0.0000	0.0010	0.0128
90	2045	ALT2	EB	NT	Ramp	0.33	0.48	4.14	0.67	2503	1678	0.0249	0.0231	0.0106	0.0005	0.0089	0.0212	0.0021	0.0018	0.0003	0.0046	0.1049
91	2045	ALT2	EB	NT	Ramp	0.07	0.10	1.78	0.31	750	518	0.0068	0.0063	0.0022	0.0001	0.0016	0.0040	0.0004	0.0003	0.0001	0.0033	0.0183
92	2045	ALT2	EB	NT	Ramp	0.25	0.38	3.10	0.47	1948	1297	0.0196	0.0181	0.0082	0.0004	0.0061	0.0148	0.0017	0.0015	0.0002	0.0028	0.0693
93	2045	ALT2	EB	NT	Ramp	0.72	1.01	22.82	3.08	8403	5656	0.0613	0.0567	0.0231	0.0011	0.0117	0.0314	0.0050	0.0034	0.0006	0.0233	0.1131
94	2045	ALT2	EB	NT	Ramp	0.54	0.76	11.34	1.81	5259	3574	0.0467	0.0432	0.0170	0.0008	0.0119	0.0294	0.0035	0.0027	0.0004	0.0165	0.1323
95	2045	ALT2	EB	NT	Ramp																	
96	2045	ALT2	EB	NT	Ramp	0.07	0.09	2.21	0.30	788	532	0.0058	0.0054	0.0021	0.0001	0.0011	0.0029	0.0005	0.0003	0.0001	0.0025	0.0108
97	2045	ALT2	EB	NT	Ramp	0.05	0.06	1.19	0.23	500	350	0.0049	0.0045	0.0014	0.0001	0.0013	0.0029	0.0003	0.0002	0.0000	0.0028	0.0147
98	2045	ALT2	EB	NT	Ramp	0.11	0.15	2.93	0.50	1207	834	0.0109	0.0101	0.0034	0.0002	0.0026	0.0063	0.0007	0.0005	0.0001	0.0055	0.0292
99	2045	ALT2	EB	NT	Ramp	0.12	0.16	3.47	0.44	1329	888	0.0096	0.0088	0.0038	0.0002	0.0017	0.0047	0.0008	0.0006	0.0001	0.0029	0.0153
100	2045	ALT2	EB	NT	Ramp	0.18	0.26	5.27	0.75	2063	1395	0.0161	0.0149	0.0059	0.0003	0.0032	0.0085	0.0012	0.0009	0.0002	0.0062	0.0328
101	2045	ALT2	EB	NT	Ramp	0.07	0.10	2.33	0.32	847	572	0.0063	0.0058	0.0023	0.0001	0.0012	0.0032	0.0005	0.0003	0.0001	0.0027	0.0121
102	2045	ALT2	EB	NT	Ramp	0.06	0.08	1.81	0.25	679	458	0.0051	0.0047	0.0019	0.0001	0.0010	0.0027	0.0004	0.0003	0.0000	0.0020	0.0100
103	2045	ALT2	EB	NT	Ramp	0.05	0.07	1.57	0.19	559	371	0.0036	0.0033	0.0015	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0010	0.0046
104	2045	ALT2	EB	NT	Ramp	0.10	0.14	2.28	0.31	1018	681	0.0083	0.0076	0.0032	0.0002	0.0016	0.0044	0.0007	0.0005	0.0001	0.0022	0.0162
105	2045	ALT2	EB	NT	Ramp	0.07	0.11	1.97	0.24	806	535	0.0059	0.0055	0.0024	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0013	0.0074
106	2045	ALT2	EB	NT	Ramp	0.03	0.05	0.45	0.06	266	176	0.0025	0.0023	0.0010	0.0001	0.0006	0.0015	0.0002	0.0002	0.0000	0.0003	0.0057
107	2045	ALT2	EB	NT	Ramp	0.16	0.23	3.38	0.44	1556	1036	0.0126	0.0117	0.0051	0.0002	0.0025	0.0069	0.0011	0.0009	0.0001	0.0027	0.0251

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
108	2045	ALT2	EB	NT	Ramp	0.10	0.15	2.27	0.28	1044	691	0.0082	0.0076	0.0034	0.0002	0.0015	0.0042	0.0007	0.0006	0.0001	0.0014	0.0135
109	2045	ALT2	EB	NT	Ramp	0.12	0.17	3.15	0.40	1306	870	0.0099	0.0092	0.0039	0.0002	0.0016	0.0046	0.0008	0.0006	0.0001	0.0025	0.0143
110	2045	ALT2	EB	NT	Ramp	0.14	0.20	3.11	0.45	1394	938	0.0116	0.0108	0.0044	0.0002	0.0025	0.0064	0.0009	0.0007	0.0001	0.0035	0.0253
111	2045	ALT2	EB	NT	Ramp	0.06	0.09	1.82	0.26	696	470	0.0053	0.0049	0.0019	0.0001	0.0011	0.0028	0.0004	0.0003	0.0000	0.0021	0.0106
112	2045	ALT2	EB	NT	Ramp	0.22	0.33	4.76	0.61	2216	1473	0.0179	0.0166	0.0073	0.0004	0.0035	0.0097	0.0016	0.0013	0.0002	0.0036	0.0347
113	2045	ALT2	EB	NT	Ramp	0.19	0.28	3.55	0.44	1762	1165	0.0146	0.0136	0.0062	0.0003	0.0029	0.0079	0.0013	0.0011	0.0002	0.0022	0.0275
114	2045	ALT2	EB	NT	Ramp	0.09	0.13	1.97	0.25	891	591	0.0070	0.0065	0.0029	0.0001	0.0013	0.0036	0.0006	0.0005	0.0001	0.0014	0.0120
115	2045	ALT2	EB	NT	Ramp																	
116	2045	ALT2	EB	NT	Ramp	0.02	0.04	0.61	0.08	265	176	0.0020	0.0019	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0028
117	2045	ALT2	EB	NT	Ramp	0.07	0.10	1.75	0.25	756	508	0.0061	0.0057	0.0023	0.0001	0.0011	0.0030	0.0005	0.0004	0.0001	0.0019	0.0109
118	2045	ALT2	EB	NT	Ramp	0.08	0.11	1.96	0.22	840	553	0.0061	0.0057	0.0026	0.0001	0.0009	0.0027	0.0006	0.0005	0.0001	0.0010	0.0065
119	2045	ALT2	EB	NT	Ramp	0.09	0.13	2.47	0.33	1020	682	0.0078	0.0072	0.0030	0.0001	0.0013	0.0038	0.0007	0.0005	0.0001	0.0022	0.0125
120	2045	ALT2	EB	NT	Ramp	0.07	0.11	1.85	0.21	795	523	0.0058	0.0054	0.0025	0.0001	0.0008	0.0025	0.0005	0.0004	0.0001	0.0009	0.0062
121	2045	ALT2	EB	NT	Ramp	0.15	0.20	4.72	0.68	1728	1173	0.0133	0.0123	0.0047	0.0002	0.0027	0.0069	0.0010	0.0006	0.0001	0.0061	0.0272
122	2045	ALT2	EB	NT	Ramp	1.26	1.81	33.55	4.53	13871	9298	0.1079	0.0998	0.0410	0.0020	0.0192	0.0530	0.0088	0.0067	0.0011	0.0327	0.1829
123	2045	ALT2	EB	NT	Ramp	0.70	0.96	19.40	3.23	7770	5355	0.0685	0.0633	0.0218	0.0010	0.0159	0.0389	0.0045	0.0031	0.0006	0.0343	0.1767
124	2045	ALT2	EB	NT	Ramp																	
125	2045	ALT2	EB	NT	Ramp	0.13	0.18	2.23	0.40	1114	764	0.0106	0.0098	0.0039	0.0002	0.0036	0.0085	0.0008	0.0006	0.0001	0.0039	0.0431
126	2045	ALT2	EB	NT	Ramp	0.07	0.11	1.34	0.17	683	451	0.0058	0.0053	0.0024	0.0001	0.0012	0.0032	0.0005	0.0004	0.0001	0.0008	0.0113
127	2045	ALT2	EB	NT	Ramp	0.23	0.33	3.26	0.50	1831	1227	0.0173	0.0160	0.0073	0.0003	0.0057	0.0137	0.0015	0.0012	0.0002	0.0035	0.0654
128	2045	ALT2	EB	NT	Ramp	0.04	0.07	0.92	0.10	452	294	0.0035	0.0033	0.0015	0.0001	0.0004	0.0013	0.0003	0.0003	0.0000	0.0002	0.0019
129	2045	ALT2	EB	NT	Ramp	0.16	0.23	3.37	0.50	1580	1065	0.0136	0.0126	0.0052	0.0002	0.0034	0.0085	0.0011	0.0009	0.0001	0.0040	0.0366
130	2045	ALT2	EB	NT	Ramp	0.11	0.16	3.52	0.40	1298	857	0.0084	0.0077	0.0037	0.0002	0.0012	0.0037	0.0008	0.0006	0.0001	0.0017	0.0088
131	2045	ALT2	EB	NT	Ramp	0.13	0.18	3.38	0.56	1418	973	0.0125	0.0116	0.0041	0.0002	0.0028	0.0071	0.0009	0.0006	0.0001	0.0056	0.0313
132	2045	ALT2	EB	NT	Ramp	0.14	0.20	4.30	0.46	1626	1067	0.0104	0.0096	0.0047	0.0002	0.0013	0.0043	0.0010	0.0008	0.0001	0.0015	0.0078
133	2045	ALT2	EB	NT	Ramp	0.17	0.24	4.15	0.58	1790	1203	0.0145	0.0134	0.0054	0.0003	0.0026	0.0072	0.0012	0.0009	0.0001	0.0044	0.0255
134	2045	ALT2	EB	NT	Ramp	0.59	0.84	19.00	2.19	6941	4588	0.0448	0.0415	0.0194	0.0010	0.0066	0.0204	0.0043	0.0031	0.0005	0.0101	0.0504
135	2045	ALT2	EB	NT	Ramp	0.18	0.26	3.81	0.57	1764	1191	0.0152	0.0141	0.0058	0.0003	0.0037	0.0094	0.0012	0.0009	0.0002	0.0047	0.0404
136	2045	ALT2	EB	NT	Ramp	0.06	0.08	1.11	0.12	551	360	0.0044	0.0041	0.0019	0.0001	0.0006	0.0018	0.0004	0.0004	0.0001	0.0003	0.0039
137	2045	ALT2	EB	NT	Ramp	1.64	2.23	35.79	8.24	16767	11969	0.1854	0.1712	0.0495	0.0020	0.0528	0.1200	0.0095	0.0065	0.0014	0.1134	0.6414
138	2045	ALT2	EB	NT	Ramp																	
139	2045	ALT2	EB	NT	Ramp	0.11	0.16	2.29	0.27	1065	701	0.0083	0.0077	0.0035	0.0002	0.0013	0.0039	0.0008	0.0006	0.0001	0.0012	0.0113
140	2045	ALT2	EB	NT	Ramp	0.27	0.41	4.16	0.50	2374	1558	0.0215	0.0199	0.0090	0.0004	0.0037	0.0106	0.0019	0.0017	0.0003	0.0019	0.0335
141	2045	ALT2	EB	NT	Ramp	0.05	0.07	1.51	0.17	546	359	0.0034	0.0031	0.0015	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0006	0.0031
142	2045	ALT2	EB	NT	Ramp	0.17	0.25	3.59	0.38	1691	1105	0.0129	0.0119	0.0056	0.0003	0.0015	0.0051	0.0012	0.0010	0.0002	0.0010	0.0091
143	2045	ALT2	EB	NT	Ramp	0.15	0.21	4.87	0.52	1753	1150	0.0106	0.0098	0.0049	0.0003	0.0013	0.0045	0.0011	0.0008	0.0001	0.0016	0.0076
144	2045	ALT2	EB	NT	HOV	0.21	0.30	6.95	0.68	2462	1600	0.0136	0.0127	0.0069	0.0004	0.0013	0.0052	0.0016	0.0011	0.0002	0.0007	0.0027
145	2045	ALT2	EB	NT	HOV	0.54	0.78	18.36	1.79	6499	4223	0.0360	0.0334	0.0182	0.0010	0.0034	0.0138	0.0041	0.0030	0.0004	0.0019	0.0072
146	2045	ALT2	EB	NT	HOV	0.02	0.03	0.79	0.08	280	182	0.0016	0.0014	0.0008	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0003
147	2045	ALT2	EB	NT	HOV	0.46	0.66	15.52	1.51	5496	3571	0.0305	0.0282	0.0154	0.0008	0.0029	0.0116	0.0035	0.0025	0.0004	0.0016	0.0061
148	2045	ALT2	EB	NT	HOV	0.17	0.24	5.65	0.55	1999	1299	0.0111	0.0103	0.0056	0.0003	0.0010	0.0042	0.0013	0.0009	0.0001	0.0006	0.0022
149	2045	ALT2	EB	NT	HOV	0.27	0.40	9.30	0.91	3294	2141	0.0183	0.0169	0.0092	0.0005	0.0017	0.0070	0.0021	0.0015	0.0002	0.0010	0.0037
150	2045	ALT2	EB	NT	HOV	0.27	0.38	10.12	1.00	3317	2156	0.0162	0.0150	0.0090	0.0005	0.0017	0.0068	0.0020	0.0013	0.0002	0.0010	0.0036
151	2045	ALT2	EB	NT	HOV	0.36	0.51	13.67	1.35	4479	2911	0.0219	0.0203	0.0121	0.0006	0.0023	0.0092	0.0027	0.0018	0.0003	0.0014	0.0048
152	2045	ALT2	EB	NT	HOV	0.29	0.41	10.84	1.07	3553	2309	0.0174	0.0161	0.0096	0.0005	0.0018	0.0073	0.0022	0.0014	0.0002	0.0011	0.0038
153	2045	ALT2	EB	NT	HOV	0.08	0.11	2.85	0.31	951	618	0.0042	0.0039	0.0027	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0009
154	2045	ALT2	EB	NT	HOV	0.16	0.21	5.46	0.59	1819	1182	0.0079	0.0074	0.0051	0.0003	0.0010	0.0039	0.0012	0.0006	0.0001	0.0007	0.0017
155	2045	ALT2	EB	NT	HOV	0.12	0.16	4.05	0.43	1351	878	0.0059	0.0055	0.0038	0.0002	0.0007	0.0029	0.0009	0.0005	0.0001	0.0005	0.0012

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
156	2045	ALT2	EB	NT	HOV	0.09	0.12	3.19	0.34	1063	691	0.0046	0.0043	0.0030	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0010
157	2045	ALT2	EB	NT	HOV	0.16	0.22	5.61	0.60	1871	1216	0.0082	0.0076	0.0052	0.0003	0.0010	0.0040	0.0012	0.0007	0.0001	0.0007	0.0017
158	2045	ALT2	EB	NT	HOV	0.19	0.25	6.47	0.69	2156	1402	0.0094	0.0087	0.0060	0.0003	0.0012	0.0046	0.0014	0.0008	0.0001	0.0008	0.0020
159	2045	ALT2	EB	NT	HOV	0.11	0.14	3.70	0.40	1234	802	0.0054	0.0050	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0011
160	2045	ALT2	EB	NT	HOV	0.20	0.27	6.90	0.74	2299	1495	0.0100	0.0093	0.0064	0.0003	0.0013	0.0050	0.0015	0.0008	0.0001	0.0008	0.0021
161	2045	ALT2	EB	NT	HOV	0.11	0.16	4.15	0.44	1362	885	0.0060	0.0056	0.0038	0.0002	0.0007	0.0029	0.0009	0.0005	0.0001	0.0005	0.0013
162	2045	ALT2	EB	NT	HOV	0.08	0.11	2.98	0.31	978	636	0.0043	0.0040	0.0027	0.0001	0.0005	0.0021	0.0006	0.0004	0.0001	0.0003	0.0009
163	2045	ALT2	EB	NT	HOV	0.20	0.27	7.05	0.74	2313	1504	0.0103	0.0095	0.0064	0.0003	0.0013	0.0049	0.0015	0.0008	0.0001	0.0008	0.0022
164	2045	ALT2	EB	NT	HOV	0.02	0.03	0.70	0.07	231	150	0.0010	0.0010	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0002
165	2045	ALT2	EB	NT	HOV	0.09	0.12	3.30	0.35	1083	704	0.0048	0.0045	0.0030	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0010
166	2045	ALT2	EB	NT	HOV	0.11	0.15	4.08	0.43	1338	870	0.0059	0.0055	0.0037	0.0002	0.0007	0.0028	0.0008	0.0005	0.0001	0.0005	0.0013
167	2045	ALT2	EB	NT	HOV	0.08	0.11	2.88	0.30	945	614	0.0042	0.0039	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0009
168	2045	ALT2	EB	NT	HOV	0.05	0.07	1.87	0.20	614	399	0.0027	0.0025	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0006
169	2045	ALT2	EB	NT	HOV	0.47	0.64	17.01	1.80	5581	3629	0.0248	0.0230	0.0154	0.0008	0.0030	0.0118	0.0035	0.0020	0.0003	0.0019	0.0054
170	2045	ALT2	EB	NT	HOV	0.34	0.46	12.29	1.30	4033	2622	0.0179	0.0166	0.0111	0.0006	0.0022	0.0085	0.0025	0.0015	0.0002	0.0014	0.0039
171	2045	ALT2	EB	NT	HOV	0.17	0.23	5.58	0.62	1928	1253	0.0083	0.0077	0.0056	0.0003	0.0011	0.0043	0.0013	0.0007	0.0001	0.0007	0.0017
172	2045	ALT2	EB	NT	HOV	0.10	0.14	3.26	0.36	1128	733	0.0048	0.0045	0.0033	0.0002	0.0006	0.0025	0.0008	0.0004	0.0001	0.0004	0.0010
173	2045	ALT2	EB	NT	HOV	0.18	0.24	5.80	0.64	2004	1303	0.0086	0.0080	0.0058	0.0003	0.0011	0.0045	0.0013	0.0007	0.0001	0.0008	0.0017
174	2045	ALT2	EB	NT	HOV	0.13	0.17	4.10	0.45	1418	922	0.0061	0.0056	0.0041	0.0002	0.0008	0.0032	0.0009	0.0005	0.0001	0.0005	0.0012
175	2045	ALT2	EB	NT	HOV	0.15	0.20	4.91	0.54	1695	1102	0.0073	0.0067	0.0049	0.0003	0.0010	0.0038	0.0011	0.0006	0.0001	0.0006	0.0015
176	2045	ALT2	EB	NT	HOV	0.13	0.18	4.29	0.47	1483	964	0.0063	0.0059	0.0043	0.0002	0.0008	0.0033	0.0010	0.0005	0.0001	0.0006	0.0013
177	2045	ALT2	EB	NT	HOV	0.18	0.24	5.84	0.64	2017	1311	0.0086	0.0080	0.0059	0.0003	0.0012	0.0045	0.0013	0.0007	0.0001	0.0008	0.0017
178	2045	ALT2	EB	NT	HOV	0.09	0.12	2.83	0.31	979	636	0.0042	0.0039	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0004	0.0008
179	2045	ALT2	EB	NT	HOV	0.11	0.14	3.39	0.37	1173	762	0.0050	0.0047	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0010
180	2045	ALT2	EB	NT	HOV	0.14	0.19	4.57	0.50	1579	1027	0.0068	0.0063	0.0046	0.0002	0.0009	0.0035	0.0011	0.0005	0.0001	0.0006	0.0014
181	2045	ALT2	EB	NT	HOV	0.23	0.32	8.69	0.88	2819	1833	0.0132	0.0122	0.0076	0.0004	0.0015	0.0058	0.0017	0.0011	0.0002	0.0009	0.0029
182	2045	ALT2	EB	NT	HOV	0.22	0.30	8.14	0.82	2642	1717	0.0124	0.0115	0.0071	0.0004	0.0014	0.0055	0.0016	0.0010	0.0001	0.0009	0.0027
183	2045	ALT2	EB	NT	HOV	0.16	0.22	5.91	0.60	1916	1246	0.0090	0.0083	0.0052	0.0003	0.0010	0.0040	0.0012	0.0007	0.0001	0.0006	0.0020
184	2045	ALT2	EB	NT	HOV	0.05	0.08	2.04	0.21	663	431	0.0031	0.0029	0.0018	0.0001	0.0003	0.0014	0.0004	0.0003	0.0000	0.0002	0.0007
185	2045	ALT2	EB	NT	HOV	0.18	0.25	6.75	0.68	2191	1424	0.0103	0.0095	0.0059	0.0003	0.0011	0.0045	0.0013	0.0008	0.0001	0.0007	0.0023
186	2045	ALT2	EB	NT	HOV	0.07	0.10	2.67	0.27	865	562	0.0041	0.0038	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0009
187	2045	ALT2	EB	NT	HOV	0.11	0.16	4.22	0.43	1369	890	0.0064	0.0059	0.0037	0.0002	0.0007	0.0028	0.0008	0.0005	0.0001	0.0004	0.0014
188	2045	ALT2	EB	NT	HOV	0.05	0.07	1.84	0.19	596	388	0.0028	0.0026	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0006
189	2045	ALT2	EB	NT	HOV	0.14	0.20	5.42	0.55	1758	1143	0.0082	0.0076	0.0048	0.0003	0.0009	0.0036	0.0011	0.0007	0.0001	0.0006	0.0018
190	2045	ALT2	EB	NT	HOV	0.01	0.01	0.29	0.03	94	61	0.0004	0.0004	0.0003	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
191	2045	ALT2	EB	NT	HOV	0.17	0.23	5.37	0.59	1866	1213	0.0080	0.0074	0.0055	0.0003	0.0011	0.0042	0.0013	0.0006	0.0001	0.0007	0.0016
192	2045	ALT2	EB	NT	HOV	0.01	0.02	0.43	0.05	149	97	0.0006	0.0006	0.0004	0.0000	0.0001	0.0003	0.0001	0.0001	0.0000	0.0001	0.0001
193	2045	ALT2	EB	NT	HOV	0.26	0.35	8.35	0.92	2902	1886	0.0124	0.0115	0.0085	0.0005	0.0017	0.0065	0.0019	0.0010	0.0001	0.0011	0.0025
194	2045	ALT2	EB	NT	HOV	0.03	0.04	0.97	0.11	338	220	0.0014	0.0013	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
195	2045	ALT2	EB	NT	HOV	0.04	0.05	1.15	0.13	399	259	0.0017	0.0016	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0003
196	2045	ALT2	EB	NT	HOV	0.03	0.04	0.96	0.11	335	218	0.0014	0.0013	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
197	2045	ALT2	EB	NT	HOV	0.18	0.24	5.60	0.62	1946	1265	0.0083	0.0077	0.0057	0.0003	0.0011	0.0044	0.0013	0.0007	0.0001	0.0007	0.0017
198	2045	ALT2	EB	NT	HOV	0.08	0.11	2.50	0.28	870	566	0.0037	0.0035	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0007
199	2045	ALT2	EB	NT	HOV	0.16	0.22	6.05	0.63	1967	1279	0.0089	0.0083	0.0054	0.0003	0.0010	0.0041	0.0012	0.0007	0.0001	0.0007	0.0019
200	2045	ALT2	EB	NT	HOV	0.08	0.12	3.11	0.32	1013	659	0.0046	0.0043	0.0028	0.0001	0.0005	0.0021	0.0006	0.0004	0.0001	0.0003	0.0010
201	2045	ALT2	EB	NT	HOV	0.32	0.44	11.83	1.22	3848	2501	0.0174	0.0162	0.0105	0.0006	0.0020	0.0080	0.0024	0.0014	0.0002	0.0013	0.0038
202	2045	ALT2	EB	NT	HOV	0.07	0.10	2.75	0.28	893	581	0.0040	0.0038	0.0024	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0009
203	2045	ALT2	EB	NT	HOV	0.34	0.47	12.59	1.30	4096	2663	0.0186	0.0172	0.0112	0.0006	0.0022	0.0086	0.0025	0.0015	0.0002	0.0014	0.0041

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
204	2045	ALT2	EB	NT	HOV	0.07	0.10	2.69	0.28	874	568	0.0040	0.0037	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0009
205	2045	ALT2	EB	NT	HOV	0.16	0.22	6.00	0.62	1947	1266	0.0089	0.0082	0.0053	0.0003	0.0010	0.0041	0.0012	0.0007	0.0001	0.0007	0.0019
206	2045	ALT2	EB	NT	HOV	0.07	0.10	2.70	0.28	878	571	0.0040	0.0037	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0009
207	2045	ALT2	EB	NT	HOV	0.26	0.37	9.85	1.01	3198	2079	0.0145	0.0135	0.0087	0.0005	0.0017	0.0067	0.0020	0.0012	0.0002	0.0011	0.0032
208	2045	ALT2	EB	NT	HOV	0.08	0.11	3.04	0.31	987	641	0.0045	0.0042	0.0027	0.0001	0.0005	0.0021	0.0006	0.0004	0.0001	0.0003	0.0010
209	2045	ALT2	EB	NT	HOV	0.02	0.03	0.77	0.08	251	163	0.0011	0.0011	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0003
210	2045	ALT2	EB	NT	HOV	0.30	0.43	10.43	1.02	3602	2341	0.0193	0.0179	0.0100	0.0005	0.0019	0.0076	0.0023	0.0016	0.0002	0.0011	0.0040
211	2045	ALT2	EB	NT	HOV	0.20	0.29	7.20	0.70	2485	1615	0.0133	0.0123	0.0069	0.0004	0.0013	0.0052	0.0016	0.0011	0.0002	0.0007	0.0028
212	2045	ALT2	EB	NT	HOV	0.55	0.79	19.27	1.89	6651	4322	0.0356	0.0330	0.0184	0.0010	0.0035	0.0139	0.0042	0.0030	0.0004	0.0020	0.0074
213	2045	ALT2	EB	NT	HOV	0.32	0.45	11.09	1.09	3827	2487	0.0205	0.0190	0.0106	0.0006	0.0020	0.0080	0.0024	0.0017	0.0002	0.0011	0.0042
214	2045	ALT2	EB	NT	HOV																	
215	2045	ALT2	EB	NT	HOV																	
216	2045	ALT2	WB	AM	Mainline	0.98	1.28	27.04	4.74	10820	7458	0.1142	0.1054	0.0304	0.0015	0.0168	0.0438	0.0065	0.0032	0.0008	0.0788	0.1634
217	2045	ALT2	WB	AM	Mainline	1.72	2.24	48.95	8.68	19333	13386	0.2057	0.1898	0.0530	0.0025	0.0320	0.0817	0.0113	0.0057	0.0014	0.1429	0.3251
218	2045	ALT2	WB	AM	Mainline	1.24	1.61	33.41	5.90	13494	9299	0.1441	0.1329	0.0383	0.0019	0.0207	0.0544	0.0083	0.0040	0.0010	0.0999	0.1993
219	2045	ALT2	WB	AM	Mainline	1.72	2.29	53.38	8.91	19973	13807	0.1865	0.1721	0.0531	0.0025	0.0358	0.0888	0.0111	0.0063	0.0014	0.1166	0.3816
220	2045	ALT2	WB	AM	Mainline	0.93	1.22	27.28	4.62	10560	7271	0.1051	0.0970	0.0289	0.0014	0.0165	0.0428	0.0062	0.0032	0.0007	0.0701	0.1639
221	2045	ALT2	WB	AM	Mainline	0.84	1.12	26.27	4.35	9798	6766	0.0905	0.0835	0.0260	0.0012	0.0174	0.0433	0.0055	0.0031	0.0007	0.0560	0.1848
222	2045	ALT2	WB	AM	Mainline	0.93	1.23	27.73	4.65	10627	7315	0.1036	0.0956	0.0289	0.0014	0.0168	0.0433	0.0062	0.0032	0.0007	0.0680	0.1683
223	2045	ALT2	WB	AM	Mainline	0.44	0.59	13.76	2.25	5131	3530	0.0472	0.0435	0.0137	0.0006	0.0084	0.0213	0.0029	0.0016	0.0003	0.0294	0.0862
224	2045	ALT2	WB	AM	Mainline	0.53	0.70	15.60	2.29	5874	3955	0.0465	0.0429	0.0168	0.0008	0.0068	0.0195	0.0037	0.0019	0.0004	0.0257	0.0550
225	2045	ALT2	WB	AM	Mainline	0.34	0.45	9.83	1.47	3756	2531	0.0304	0.0281	0.0109	0.0005	0.0044	0.0126	0.0024	0.0012	0.0002	0.0172	0.0351
226	2045	ALT2	WB	AM	Mainline	1.67	2.17	42.02	6.49	17018	11459	0.1463	0.1350	0.0526	0.0027	0.0196	0.0579	0.0117	0.0054	0.0011	0.0866	0.1450
227	2045	ALT2	WB	AM	Mainline	0.66	0.86	16.51	2.48	6668	4473	0.0545	0.0503	0.0208	0.0011	0.0073	0.0221	0.0047	0.0021	0.0004	0.0308	0.0509
228	2045	ALT2	WB	AM	Mainline	0.36	0.46	8.92	1.34	3608	2420	0.0295	0.0272	0.0113	0.0006	0.0040	0.0119	0.0025	0.0011	0.0002	0.0167	0.0275
229	2045	ALT2	WB	AM	Mainline	1.91	2.54	59.16	8.50	21701	14617	0.1674	0.1547	0.0605	0.0030	0.0255	0.0723	0.0133	0.0069	0.0013	0.0902	0.2139
230	2045	ALT2	WB	AM	Mainline	0.50	0.65	13.73	2.07	5333	3591	0.0438	0.0404	0.0157	0.0008	0.0061	0.0178	0.0035	0.0017	0.0003	0.0250	0.0478
231	2045	ALT2	WB	AM	Mainline	0.50	0.66	14.68	2.19	5531	3735	0.0452	0.0418	0.0157	0.0008	0.0067	0.0189	0.0034	0.0017	0.0003	0.0258	0.0565
232	2045	ALT2	WB	AM	Mainline	0.54	0.70	14.06	2.20	5630	3804	0.0497	0.0459	0.0170	0.0009	0.0068	0.0195	0.0038	0.0018	0.0004	0.0301	0.0535
233	2045	ALT2	WB	AM	Mainline	1.58	2.10	50.71	7.56	18352	12465	0.1488	0.1374	0.0495	0.0024	0.0253	0.0676	0.0107	0.0059	0.0012	0.0827	0.2399
234	2045	ALT2	WB	AM	Mainline	0.26	0.34	7.50	1.15	2851	1933	0.0245	0.0226	0.0081	0.0004	0.0036	0.0101	0.0018	0.0009	0.0002	0.0146	0.0319
235	2045	ALT2	WB	AM	Mainline	0.97	1.29	30.58	4.63	11227	7632	0.0937	0.0865	0.0306	0.0015	0.0154	0.0413	0.0066	0.0036	0.0007	0.0540	0.1447
236	2045	ALT2	WB	AM	Mainline	0.66	0.87	20.18	3.04	7487	5076	0.0623	0.0575	0.0207	0.0010	0.0097	0.0266	0.0045	0.0024	0.0005	0.0360	0.0873
237	2045	ALT2	WB	AM	Mainline	1.18	1.52	29.35	4.95	12141	8272	0.1219	0.1125	0.0368	0.0018	0.0162	0.0451	0.0081	0.0037	0.0009	0.0809	0.1367
238	2045	ALT2	WB	AM	Mainline	0.36	0.47	9.26	1.55	3789	2581	0.0375	0.0346	0.0114	0.0006	0.0050	0.0140	0.0025	0.0012	0.0003	0.0246	0.0430
239	2045	ALT2	WB	AM	Mainline	0.32	0.42	8.28	1.38	3372	2296	0.0330	0.0304	0.0101	0.0005	0.0045	0.0124	0.0022	0.0010	0.0002	0.0215	0.0382
240	2045	ALT2	WB	AM	Mainline	0.40	0.52	10.42	1.68	4201	2850	0.0392	0.0361	0.0125	0.0006	0.0054	0.0151	0.0028	0.0013	0.0003	0.0248	0.0443
241	2045	ALT2	WB	AM	Mainline	1.41	1.83	37.48	6.16	15020	10227	0.1438	0.1327	0.0440	0.0022	0.0200	0.0551	0.0097	0.0046	0.0010	0.0929	0.1730
242	2045	ALT2	WB	AM	Mainline	0.10	0.13	2.53	0.42	1045	710	0.0102	0.0094	0.0032	0.0002	0.0014	0.0038	0.0007	0.0003	0.0001	0.0067	0.0112
243	2045	ALT2	WB	AM	Mainline	1.20	1.56	32.03	5.29	12848	8755	0.1240	0.1144	0.0376	0.0019	0.0172	0.0474	0.0082	0.0039	0.0009	0.0805	0.1504
244	2045	ALT2	WB	AM	Mainline	0.19	0.25	4.76	0.79	1972	1341	0.0195	0.0180	0.0060	0.0003	0.0026	0.0072	0.0013	0.0006	0.0001	0.0128	0.0212
245	2045	ALT2	WB	AM	Mainline	1.14	1.48	30.20	5.02	12133	8273	0.1181	0.1089	0.0354	0.0018	0.0164	0.0450	0.0078	0.0037	0.0008	0.0771	0.1441
246	2045	ALT2	WB	AM	Mainline	0.92	1.19	23.03	3.83	9495	6457	0.0932	0.0860	0.0289	0.0015	0.0124	0.0348	0.0064	0.0029	0.0007	0.0609	0.1027
247	2045	ALT2	WB	AM	Mainline	1.16	1.50	30.66	5.10	12328	8407	0.1203	0.1109	0.0361	0.0018	0.0167	0.0458	0.0079	0.0038	0.0009	0.0786	0.1465
248	2045	ALT2	WB	AM	Mainline	0.39	0.50	9.93	1.61	4027	2733	0.0379	0.0350	0.0121	0.0006	0.0051	0.0145	0.0027	0.0012	0.0003	0.0241	0.0422
249	2045	ALT2	WB	AM	Mainline	1.26	1.63	31.21	5.17	12915	8776	0.1263	0.1166	0.0395	0.0020	0.0167	0.0471	0.0087	0.0040	0.0009	0.0823	0.1365
250	2045	ALT2	WB	AM	Mainline	1.96	2.54	50.84	8.29	20552	13963	0.1946	0.1796	0.0613	0.0031	0.0266	0.0744	0.0135	0.0064	0.0014	0.1245	0.2222
251	2045	ALT2	WB	AM	Mainline	1.45	1.89	40.31	6.47	15781	10735	0.1452	0.1340	0.0453	0.0023	0.0209	0.0574	0.0099	0.0049	0.0011	0.0913	0.1836

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
252	2045	ALT2	WB	AM	Mainline	1.22	1.58	32.50	5.19	12929	8768	0.1179	0.1088	0.0381	0.0019	0.0164	0.0460	0.0084	0.0040	0.0009	0.0735	0.1365
253	2045	ALT2	WB	AM	Mainline	0.87	1.13	23.28	3.72	9259	6279	0.0844	0.0779	0.0273	0.0014	0.0117	0.0329	0.0060	0.0029	0.0006	0.0526	0.0977
254	2045	ALT2	WB	AM	Mainline	0.84	1.09	22.44	3.59	8926	6054	0.0814	0.0751	0.0263	0.0013	0.0113	0.0318	0.0058	0.0028	0.0006	0.0507	0.0942
255	2045	ALT2	WB	AM	Mainline	1.39	1.81	38.82	6.25	15157	10319	0.1401	0.1292	0.0433	0.0021	0.0203	0.0556	0.0095	0.0047	0.0010	0.0884	0.1808
256	2045	ALT2	WB	AM	Mainline	0.91	1.18	24.34	3.88	9654	6546	0.0876	0.0808	0.0284	0.0014	0.0122	0.0343	0.0063	0.0030	0.0007	0.0544	0.1018
257	2045	ALT2	WB	AM	Mainline	1.10	1.45	32.34	5.02	12283	8344	0.1073	0.0991	0.0345	0.0017	0.0162	0.0443	0.0075	0.0038	0.0008	0.0650	0.1448
258	2045	ALT2	WB	AM	Mainline	1.09	1.42	28.58	4.51	11444	7740	0.1021	0.0943	0.0343	0.0017	0.0140	0.0400	0.0076	0.0036	0.0008	0.0625	0.1116
259	2045	ALT2	WB	AM	Mainline	1.64	2.12	41.65	6.60	16878	11411	0.1524	0.1406	0.0514	0.0026	0.0205	0.0591	0.0114	0.0053	0.0011	0.0939	0.1612
260	2045	ALT2	WB	AM	Mainline	1.03	1.34	27.98	4.36	10992	7433	0.0958	0.0884	0.0323	0.0016	0.0134	0.0381	0.0071	0.0034	0.0007	0.0577	0.1093
261	2045	ALT2	WB	AM	Mainline	1.23	1.61	34.29	5.34	13334	9030	0.1165	0.1075	0.0386	0.0019	0.0166	0.0467	0.0085	0.0042	0.0009	0.0704	0.1398
262	2045	ALT2	WB	AM	Mainline	3.32	4.32	88.12	13.82	35006	23672	0.3092	0.2853	0.1041	0.0053	0.0427	0.1219	0.0230	0.0109	0.0023	0.1879	0.3437
263	2045	ALT2	WB	AM	Mainline	1.52	2.01	45.16	6.81	17006	11509	0.1419	0.1310	0.0479	0.0024	0.0213	0.0592	0.0105	0.0053	0.0011	0.0825	0.1838
264	2045	ALT2	WB	AM	Mainline	0.58	0.79	19.44	2.80	6910	4689	0.0535	0.0494	0.0184	0.0009	0.0099	0.0260	0.0040	0.0023	0.0004	0.0274	0.0963
265	2045	ALT2	WB	AM	Mainline	0.31	0.41	9.37	1.42	3498	2373	0.0295	0.0272	0.0097	0.0005	0.0046	0.0125	0.0021	0.0011	0.0002	0.0173	0.0408
266	2045	ALT2	WB	AM	Mainline	1.10	1.45	32.19	4.99	12256	8323	0.1071	0.0988	0.0345	0.0017	0.0160	0.0440	0.0075	0.0038	0.0008	0.0648	0.1423
267	2045	ALT2	WB	AM	Mainline	0.32	0.42	10.20	1.49	3691	2499	0.0293	0.0271	0.0100	0.0005	0.0048	0.0131	0.0022	0.0012	0.0002	0.0160	0.0443
268	2045	ALT2	WB	AM	Mainline	0.07	0.08	1.68	0.26	675	456	0.0060	0.0055	0.0020	0.0001	0.0008	0.0023	0.0005	0.0002	0.0000	0.0036	0.0063
269	2045	ALT2	WB	AM	Mainline	1.39	1.85	44.13	6.51	16039	10867	0.1286	0.1188	0.0437	0.0021	0.0211	0.0573	0.0095	0.0052	0.0010	0.0711	0.1936
270	2045	ALT2	WB	AM	Mainline	0.59	0.79	18.31	2.81	6794	4622	0.0580	0.0536	0.0186	0.0009	0.0093	0.0250	0.0040	0.0021	0.0004	0.0343	0.0871
271	2045	ALT2	WB	AM	Mainline	0.86	1.14	27.22	4.17	9958	6787	0.0841	0.0777	0.0269	0.0013	0.0144	0.0378	0.0058	0.0032	0.0006	0.0488	0.1389
272	2045	ALT2	WB	AM	Mainline	0.62	0.82	19.73	3.01	7186	4901	0.0603	0.0557	0.0193	0.0009	0.0106	0.0277	0.0041	0.0023	0.0005	0.0346	0.1041
273	2045	ALT2	WB	AM	Mainline	0.63	0.83	18.17	2.90	7009	4775	0.0641	0.0591	0.0198	0.0010	0.0095	0.0259	0.0043	0.0022	0.0005	0.0402	0.0864
274	2045	ALT2	WB	AM	Mainline	0.73	0.96	20.17	3.30	7967	5431	0.0755	0.0697	0.0229	0.0011	0.0108	0.0295	0.0050	0.0024	0.0005	0.0485	0.0960
275	2045	ALT2	WB	AM	Mainline	1.38	1.79	35.15	5.75	14313	9721	0.1365	0.1260	0.0431	0.0022	0.0184	0.0518	0.0095	0.0044	0.0010	0.0876	0.1525
276	2045	ALT2	WB	AM	Mainline	0.38	0.50	9.32	1.54	3885	2637	0.0379	0.0350	0.0120	0.0006	0.0050	0.0141	0.0027	0.0012	0.0003	0.0247	0.0397
277	2045	ALT2	WB	AM	Mainline	0.79	1.03	19.99	3.34	8215	5592	0.0811	0.0748	0.0248	0.0012	0.0109	0.0303	0.0055	0.0025	0.0006	0.0532	0.0914
278	2045	ALT2	WB	AM	Mainline	0.41	0.53	10.08	1.75	4223	2888	0.0447	0.0412	0.0128	0.0006	0.0059	0.0161	0.0028	0.0013	0.0003	0.0306	0.0508
279	2045	ALT2	WB	AM	Mainline	0.73	0.95	19.83	3.35	7914	5419	0.0792	0.0731	0.0226	0.0011	0.0113	0.0304	0.0049	0.0024	0.0006	0.0528	0.1043
280	2045	ALT2	WB	AM	Mainline	0.76	0.99	20.47	3.45	8214	5615	0.0816	0.0753	0.0237	0.0012	0.0115	0.0310	0.0052	0.0025	0.0006	0.0541	0.1032
281	2045	ALT2	WB	AM	Mainline	0.54	0.71	16.28	2.57	6133	4185	0.0549	0.0507	0.0169	0.0008	0.0087	0.0231	0.0036	0.0019	0.0004	0.0338	0.0818
282	2045	ALT2	WB	AM	Mainline	0.81	1.06	23.08	3.74	8967	6119	0.0840	0.0775	0.0253	0.0012	0.0124	0.0336	0.0055	0.0027	0.0006	0.0536	0.1139
283	2045	ALT2	WB	AM	Mainline	0.74	0.98	22.15	3.50	8379	5714	0.0752	0.0694	0.0231	0.0011	0.0117	0.0313	0.0050	0.0026	0.0005	0.0466	0.1090
284	2045	ALT2	WB	AM	Mainline	0.91	1.22	29.13	4.43	10615	7230	0.0886	0.0818	0.0286	0.0014	0.0152	0.0401	0.0061	0.0034	0.0007	0.0508	0.1470
285	2045	ALT2	WB	AM	Mainline	0.67	0.88	19.83	3.06	7493	5090	0.0651	0.0601	0.0209	0.0010	0.0099	0.0270	0.0046	0.0023	0.0005	0.0392	0.0890
286	2045	ALT2	WB	AM	Mainline	0.57	0.75	17.41	2.66	6482	4405	0.0552	0.0510	0.0179	0.0009	0.0087	0.0235	0.0039	0.0020	0.0004	0.0326	0.0798
287	2045	ALT2	WB	AM	Mainline	1.06	1.38	29.87	4.73	11584	7871	0.1043	0.0962	0.0331	0.0016	0.0152	0.0418	0.0072	0.0036	0.0008	0.0645	0.1331
288	2045	ALT2	WB	AM	Mainline	0.12	0.16	3.33	0.51	1289	872	0.0111	0.0102	0.0037	0.0002	0.0016	0.0045	0.0008	0.0004	0.0001	0.0066	0.0132
289	2045	ALT2	WB	AM	Mainline	1.16	1.54	36.09	5.35	13274	8988	0.1078	0.0995	0.0366	0.0018	0.0170	0.0467	0.0080	0.0042	0.0008	0.0608	0.1524
290	2045	ALT2	WB	AM	Ramp	0.10	0.14	3.48	0.38	1196	786	0.0069	0.0064	0.0033	0.0002	0.0009	0.0031	0.0007	0.0005	0.0001	0.0013	0.0058
291	2045	ALT2	WB	AM	Ramp	0.06	0.08	1.79	0.19	670	439	0.0042	0.0039	0.0019	0.0001	0.0005	0.0018	0.0004	0.0003	0.0000	0.0006	0.0032
292	2045	ALT2	WB	AM	Ramp	0.02	0.02	0.54	0.06	186	122	0.0011	0.0010	0.0005	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0002	0.0009
293	2045	ALT2	WB	AM	Ramp	0.14	0.22	2.26	0.27	1276	838	0.0114	0.0106	0.0048	0.0002	0.0019	0.0056	0.0010	0.0009	0.0001	0.0010	0.0176
294	2045	ALT2	WB	AM	Ramp	0.06	0.08	1.47	0.17	613	403	0.0044	0.0040	0.0019	0.0001	0.0006	0.0018	0.0004	0.0003	0.0000	0.0007	0.0038
295	2045	ALT2	WB	AM	Ramp	0.09	0.13	1.58	0.20	809	535	0.0069	0.0064	0.0029	0.0001	0.0014	0.0039	0.0006	0.0005	0.0001	0.0010	0.0140
296	2045	ALT2	WB	AM	Ramp	0.04	0.06	0.91	0.12	429	285	0.0035	0.0032	0.0014	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0007	0.0067
297	2045	ALT2	WB	AM	Ramp	1.00	1.35	21.27	5.16	10106	7267	0.1157	0.1067	0.0298	0.0012	0.0339	0.0761	0.0056	0.0038	0.0008	0.0738	0.4157
298	2045	ALT2	WB	AM	Ramp	0.01	0.01	0.17	0.02	61	40	0.0004	0.0003	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002
299	2045	ALT2	WB	AM	Ramp	0.04	0.06	1.30	0.14	463	304	0.0028	0.0026	0.0013	0.0001	0.0004	0.0012	0.0003	0.0002	0.0000	0.0005	0.0022

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
300	2045	ALT2	WB	AM	Ramp	0.37	0.53	12.34	1.33	4386	2880	0.0262	0.0243	0.0122	0.0006	0.0034	0.0113	0.0027	0.0019	0.0003	0.0044	0.0206
301	2045	ALT2	WB	AM	Ramp	0.09	0.13	1.94	0.26	903	603	0.0074	0.0069	0.0030	0.0001	0.0016	0.0043	0.0006	0.0005	0.0001	0.0018	0.0166
302	2045	ALT2	WB	AM	Ramp	0.06	0.09	1.26	0.15	599	394	0.0047	0.0044	0.0020	0.0001	0.0007	0.0022	0.0004	0.0004	0.0001	0.0006	0.0062
303	2045	ALT2	WB	AM	Ramp	0.02	0.02	0.45	0.08	185	128	0.0017	0.0016	0.0005	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0009	0.0047
304	2045	ALT2	WB	AM	Ramp	0.08	0.12	1.37	0.16	738	484	0.0064	0.0059	0.0027	0.0001	0.0010	0.0030	0.0006	0.0005	0.0001	0.0006	0.0089
305	2045	ALT2	WB	AM	Ramp	0.04	0.06	1.13	0.16	452	305	0.0036	0.0033	0.0013	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0013	0.0070
306	2045	ALT2	WB	AM	Ramp	0.08	0.13	1.69	0.18	831	542	0.0065	0.0060	0.0028	0.0001	0.0007	0.0025	0.0006	0.0005	0.0001	0.0004	0.0039
307	2045	ALT2	WB	AM	Ramp	0.04	0.06	0.75	0.10	365	242	0.0030	0.0028	0.0013	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0005	0.0065
308	2045	ALT2	WB	AM	Ramp	0.12	0.18	2.08	0.26	1088	718	0.0094	0.0087	0.0040	0.0002	0.0019	0.0052	0.0008	0.0007	0.0001	0.0013	0.0185
309	2045	ALT2	WB	AM	Ramp	0.03	0.05	0.61	0.11	304	209	0.0029	0.0027	0.0011	0.0000	0.0010	0.0023	0.0002	0.0002	0.0000	0.0011	0.0116
310	2045	ALT2	WB	AM	Ramp	0.31	0.45	7.62	0.98	3314	2205	0.0258	0.0238	0.0103	0.0005	0.0044	0.0125	0.0022	0.0017	0.0003	0.0060	0.0405
311	2045	ALT2	WB	AM	Ramp	0.07	0.10	1.37	0.19	647	434	0.0055	0.0050	0.0022	0.0001	0.0013	0.0033	0.0005	0.0004	0.0001	0.0014	0.0136
312	2045	ALT2	WB	AM	Ramp	0.03	0.04	0.79	0.09	302	200	0.0021	0.0019	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0023
313	2045	ALT2	WB	AM	Ramp	0.18	0.26	5.99	0.76	2158	1442	0.0148	0.0137	0.0059	0.0003	0.0026	0.0073	0.0013	0.0009	0.0001	0.0049	0.0233
314	2045	ALT2	WB	AM	Ramp	0.08	0.12	1.78	0.19	809	529	0.0060	0.0056	0.0026	0.0001	0.0007	0.0024	0.0006	0.0005	0.0001	0.0006	0.0047
315	2045	ALT2	WB	AM	Ramp	0.07	0.10	1.61	0.20	707	470	0.0055	0.0051	0.0022	0.0001	0.0010	0.0027	0.0005	0.0004	0.0001	0.0012	0.0087
316	2045	ALT2	WB	AM	Ramp	0.03	0.04	0.75	0.09	294	195	0.0021	0.0019	0.0009	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0005	0.0028
317	2045	ALT2	WB	AM	Ramp	0.04	0.06	0.97	0.13	437	293	0.0036	0.0033	0.0014	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0009	0.0075
318	2045	ALT2	WB	AM	Ramp	0.02	0.03	0.72	0.08	270	178	0.0017	0.0016	0.0008	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0003	0.0016
319	2045	ALT2	WB	AM	Ramp	0.07	0.11	1.83	0.22	794	525	0.0060	0.0055	0.0025	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0011	0.0075
320	2045	ALT2	WB	AM	Ramp	0.03	0.05	0.88	0.11	365	242	0.0027	0.0025	0.0011	0.0001	0.0004	0.0012	0.0002	0.0002	0.0000	0.0006	0.0031
321	2045	ALT2	WB	AM	Ramp	0.09	0.14	2.00	0.23	931	613	0.0072	0.0067	0.0031	0.0002	0.0011	0.0034	0.0007	0.0006	0.0001	0.0010	0.0096
322	2045	ALT2	WB	AM	Ramp	0.07	0.10	1.11	0.15	604	400	0.0054	0.0050	0.0023	0.0001	0.0013	0.0033	0.0005	0.0004	0.0001	0.0008	0.0132
323	2045	ALT2	WB	AM	Ramp	0.10	0.14	2.94	0.39	1115	749	0.0082	0.0076	0.0031	0.0002	0.0015	0.0042	0.0007	0.0005	0.0001	0.0029	0.0146
324	2045	ALT2	WB	AM	Ramp	0.03	0.04	0.74	0.11	285	193	0.0022	0.0021	0.0008	0.0000	0.0005	0.0012	0.0002	0.0001	0.0000	0.0009	0.0046
325	2045	ALT2	WB	AM	Ramp	0.23	0.34	4.95	0.60	2290	1515	0.0181	0.0167	0.0075	0.0004	0.0032	0.0092	0.0016	0.0013	0.0002	0.0031	0.0296
326	2045	ALT2	WB	AM	Ramp	0.05	0.07	1.42	0.17	566	375	0.0040	0.0037	0.0017	0.0001	0.0006	0.0018	0.0004	0.0003	0.0000	0.0009	0.0048
327	2045	ALT2	WB	AM	Ramp	0.15	0.22	2.78	0.34	1384	913	0.0114	0.0106	0.0048	0.0002	0.0021	0.0059	0.0010	0.0009	0.0001	0.0015	0.0193
328	2045	ALT2	WB	AM	Ramp	0.03	0.04	0.79	0.09	294	194	0.0019	0.0018	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0022
329	2045	ALT2	WB	AM	Ramp	0.07	0.11	1.77	0.21	775	511	0.0058	0.0054	0.0024	0.0001	0.0009	0.0026	0.0005	0.0004	0.0001	0.0009	0.0068
330	2045	ALT2	WB	AM	Ramp	0.02	0.02	0.49	0.06	185	124	0.0013	0.0012	0.0005	0.0000	0.0002	0.0007	0.0001	0.0001	0.0000	0.0004	0.0022
331	2045	ALT2	WB	AM	Ramp	0.11	0.15	3.37	0.41	1258	836	0.0086	0.0079	0.0035	0.0002	0.0014	0.0040	0.0008	0.0006	0.0001	0.0023	0.0117
332	2045	ALT2	WB	AM	Ramp	0.03	0.04	0.88	0.12	313	211	0.0022	0.0021	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0009	0.0040
333	2045	ALT2	WB	AM	Ramp	0.07	0.10	2.26	0.29	834	557	0.0058	0.0054	0.0023	0.0001	0.0010	0.0029	0.0005	0.0004	0.0001	0.0018	0.0091
334	2045	ALT2	WB	AM	Ramp	0.05	0.07	1.55	0.20	588	394	0.0042	0.0039	0.0017	0.0001	0.0008	0.0021	0.0004	0.0003	0.0000	0.0014	0.0071
335	2045	ALT2	WB	AM	Ramp	0.12	0.17	3.54	0.44	1341	894	0.0094	0.0087	0.0038	0.0002	0.0016	0.0045	0.0008	0.0006	0.0001	0.0027	0.0138
336	2045	ALT2	WB	AM	Ramp	0.11	0.15	2.86	0.44	1180	802	0.0098	0.0091	0.0034	0.0002	0.0021	0.0053	0.0007	0.0005	0.0001	0.0040	0.0219
337	2045	ALT2	WB	AM	Ramp	0.02	0.03	0.57	0.10	229	160	0.0022	0.0020	0.0006	0.0000	0.0005	0.0013	0.0001	0.0001	0.0000	0.0013	0.0061
338	2045	ALT2	WB	AM	Ramp	0.03	0.04	0.94	0.14	364	248	0.0029	0.0027	0.0010	0.0000	0.0006	0.0016	0.0002	0.0001	0.0000	0.0013	0.0066
339	2045	ALT2	WB	AM	Ramp	0.12	0.16	3.99	0.55	1406	949	0.0104	0.0096	0.0038	0.0002	0.0018	0.0049	0.0008	0.0005	0.0001	0.0051	0.0166
340	2045	ALT2	WB	AM	Ramp	0.49	0.70	14.74	1.83	5614	3739	0.0394	0.0365	0.0159	0.0008	0.0065	0.0188	0.0035	0.0025	0.0004	0.0109	0.0574
341	2045	ALT2	WB	AM	Ramp	0.42	0.60	11.22	1.56	4642	3121	0.0367	0.0339	0.0137	0.0007	0.0068	0.0184	0.0029	0.0022	0.0004	0.0119	0.0663
342	2045	ALT2	WB	AM	Ramp	0.10	0.14	2.46	0.33	1054	705	0.0083	0.0077	0.0032	0.0002	0.0014	0.0040	0.0007	0.0005	0.0001	0.0023	0.0131
343	2045	ALT2	WB	AM	Ramp	0.04	0.06	0.65	0.15	340	241	0.0037	0.0034	0.0012	0.0000	0.0015	0.0034	0.0002	0.0002	0.0000	0.0020	0.0192
344	2045	ALT2	WB	AM	Ramp	0.08	0.12	2.11	0.28	899	601	0.0070	0.0065	0.0027	0.0001	0.0012	0.0033	0.0006	0.0005	0.0001	0.0019	0.0110
345	2045	ALT2	WB	AM	Ramp	0.01	0.01	0.21	0.04	100	69	0.0009	0.0009	0.0003	0.0000	0.0003	0.0006	0.0001	0.0000	0.0000	0.0004	0.0031
346	2045	ALT2	WB	AM	Ramp	0.03	0.04	0.54	0.09	254	173	0.0023	0.0021	0.0008	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0008	0.0071
347	2045	ALT2	WB	AM	Ramp	0.05	0.07	1.06	0.13	481	319	0.0038	0.0035	0.0016	0.0001	0.0007	0.0020	0.0003	0.0003	0.0000	0.0008	0.0066

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
348	2045	ALT2	WB	AM	Ramp	0.36	0.51	9.32	1.29	3916	2630	0.0311	0.0288	0.0117	0.0006	0.0057	0.0154	0.0025	0.0019	0.0003	0.0097	0.0549
349	2045	ALT2	WB	AM	Ramp	0.04	0.05	1.09	0.17	436	297	0.0036	0.0033	0.0012	0.0001	0.0008	0.0020	0.0003	0.0002	0.0000	0.0016	0.0083
350	2045	ALT2	WB	AM	Ramp	0.06	0.09	2.15	0.26	760	505	0.0050	0.0046	0.0021	0.0001	0.0008	0.0024	0.0005	0.0003	0.0000	0.0015	0.0069
351	2045	ALT2	WB	AM	Ramp	0.02	0.03	0.36	0.09	183	131	0.0021	0.0019	0.0006	0.0000	0.0008	0.0017	0.0001	0.0001	0.0000	0.0012	0.0094
352	2045	ALT2	WB	AM	Ramp	0.02	0.03	0.57	0.07	242	161	0.0018	0.0017	0.0007	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0004	0.0024
353	2045	ALT2	WB	AM	Ramp	0.06	0.08	1.78	0.23	681	456	0.0050	0.0046	0.0019	0.0001	0.0009	0.0025	0.0004	0.0003	0.0000	0.0016	0.0086
354	2045	ALT2	WB	AM	Ramp	0.19	0.28	3.70	0.47	1795	1191	0.0148	0.0137	0.0062	0.0003	0.0030	0.0083	0.0013	0.0011	0.0002	0.0026	0.0302
355	2045	ALT2	WB	AM	Ramp	0.05	0.07	1.22	0.16	536	358	0.0043	0.0040	0.0017	0.0001	0.0008	0.0022	0.0004	0.0003	0.0000	0.0011	0.0077
356	2045	ALT2	WB	AM	Ramp	0.08	0.13	1.70	0.20	829	546	0.0067	0.0062	0.0028	0.0001	0.0011	0.0032	0.0006	0.0005	0.0001	0.0008	0.0095
357	2045	ALT2	WB	AM	Ramp	0.18	0.27	3.25	0.40	1681	1108	0.0143	0.0132	0.0060	0.0003	0.0027	0.0075	0.0013	0.0011	0.0002	0.0018	0.0251
358	2045	ALT2	WB	AM	Ramp	0.12	0.16	1.49	0.28	847	578	0.0085	0.0078	0.0036	0.0001	0.0038	0.0087	0.0007	0.0005	0.0001	0.0025	0.0467
359	2045	ALT2	WB	AM	Ramp	0.14	0.21	2.19	0.27	1241	815	0.0112	0.0104	0.0047	0.0002	0.0020	0.0056	0.0010	0.0009	0.0001	0.0010	0.0181
360	2045	ALT2	WB	AM	Ramp	0.08	0.12	1.28	0.18	680	454	0.0061	0.0057	0.0026	0.0001	0.0017	0.0042	0.0005	0.0004	0.0001	0.0012	0.0185
361	2045	ALT2	WB	AM	Ramp	0.08	0.11	1.21	0.16	661	437	0.0059	0.0055	0.0025	0.0001	0.0013	0.0035	0.0005	0.0005	0.0001	0.0008	0.0132
362	2045	ALT2	WB	AM	Ramp	0.04	0.06	1.12	0.16	479	323	0.0040	0.0037	0.0014	0.0001	0.0008	0.0020	0.0003	0.0002	0.0000	0.0013	0.0076
363	2045	ALT2	WB	AM	Ramp	0.12	0.18	2.40	0.28	1171	770	0.0094	0.0088	0.0040	0.0002	0.0015	0.0046	0.0009	0.0007	0.0001	0.0011	0.0135
364	2045	ALT2	WB	AM	HOV																	
365	2045	ALT2	WB	AM	HOV																	
366	2045	ALT2	WB	AM	HOV	0.13	0.17	4.51	0.48	1499	975	0.0066	0.0061	0.0042	0.0002	0.0008	0.0032	0.0010	0.0005	0.0001	0.0005	0.0014
367	2045	ALT2	WB	AM	HOV	0.19	0.26	6.79	0.73	2254	1465	0.0099	0.0092	0.0063	0.0003	0.0012	0.0048	0.0014	0.0008	0.0001	0.0008	0.0021
368	2045	ALT2	WB	AM	HOV	0.10	0.13	3.44	0.37	1142	742	0.0050	0.0046	0.0032	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0011
369	2045	ALT2	WB	AM	HOV	0.09	0.13	3.26	0.35	1082	704	0.0047	0.0044	0.0030	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0010
370	2045	ALT2	WB	AM	HOV	0.10	0.13	3.44	0.37	1139	741	0.0050	0.0046	0.0032	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0011
371	2045	ALT2	WB	AM	HOV	0.04	0.06	1.58	0.17	525	341	0.0023	0.0021	0.0015	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0005
372	2045	ALT2	WB	AM	HOV	0.07	0.09	2.44	0.26	810	527	0.0036	0.0033	0.0023	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0008
373	2045	ALT2	WB	AM	HOV	0.05	0.06	1.60	0.17	531	345	0.0023	0.0022	0.0015	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0005
374	2045	ALT2	WB	AM	HOV	0.20	0.28	7.18	0.77	2381	1548	0.0105	0.0097	0.0066	0.0004	0.0013	0.0051	0.0015	0.0008	0.0001	0.0008	0.0022
375	2045	ALT2	WB	AM	HOV	0.07	0.09	2.40	0.26	794	516	0.0035	0.0032	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0007
376	2045	ALT2	WB	AM	HOV	0.03	0.04	1.12	0.12	370	241	0.0016	0.0015	0.0010	0.0001	0.0002	0.0008	0.0002	0.0001	0.0000	0.0001	0.0003
377	2045	ALT2	WB	AM	HOV	0.22	0.30	7.91	0.84	2621	1704	0.0115	0.0107	0.0073	0.0004	0.0014	0.0056	0.0017	0.0009	0.0001	0.0009	0.0025
378	2045	ALT2	WB	AM	HOV	0.05	0.07	1.76	0.19	585	380	0.0026	0.0024	0.0016	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
379	2045	ALT2	WB	AM	HOV	0.07	0.09	2.56	0.26	830	540	0.0038	0.0035	0.0023	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0008
380	2045	ALT2	WB	AM	HOV	0.06	0.09	2.38	0.24	771	501	0.0035	0.0033	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0008
381	2045	ALT2	WB	AM	HOV	0.23	0.32	8.71	0.90	2826	1837	0.0129	0.0119	0.0077	0.0004	0.0015	0.0059	0.0018	0.0011	0.0002	0.0009	0.0028
382	2045	ALT2	WB	AM	HOV	0.03	0.05	1.28	0.13	416	271	0.0019	0.0018	0.0011	0.0001	0.0002	0.0009	0.0003	0.0002	0.0000	0.0001	0.0004
383	2045	ALT2	WB	AM	HOV	0.15	0.20	5.47	0.56	1776	1154	0.0081	0.0075	0.0048	0.0003	0.0009	0.0037	0.0011	0.0007	0.0001	0.0006	0.0018
384	2045	ALT2	WB	AM	HOV	0.09	0.12	3.24	0.33	1052	684	0.0048	0.0044	0.0029	0.0002	0.0006	0.0022	0.0007	0.0004	0.0001	0.0004	0.0010
385	2045	ALT2	WB	AM	HOV	0.22	0.30	8.07	0.83	2621	1704	0.0119	0.0111	0.0071	0.0004	0.0014	0.0055	0.0016	0.0010	0.0001	0.0009	0.0026
386	2045	ALT2	WB	AM	HOV	0.06	0.09	2.40	0.25	780	507	0.0035	0.0033	0.0021	0.0001	0.0004	0.0016	0.0005	0.0003	0.0000	0.0003	0.0008
387	2045	ALT2	WB	AM	HOV	0.06	0.08	2.10	0.22	683	444	0.0031	0.0029	0.0019	0.0001	0.0004	0.0014	0.0004	0.0003	0.0000	0.0002	0.0007
388	2045	ALT2	WB	AM	HOV	0.06	0.08	2.13	0.22	691	449	0.0031	0.0029	0.0019	0.0001	0.0004	0.0014	0.0004	0.0003	0.0000	0.0002	0.0007
389	2045	ALT2	WB	AM	HOV	0.22	0.31	8.35	0.86	2710	1762	0.0123	0.0114	0.0074	0.0004	0.0014	0.0057	0.0017	0.0010	0.0001	0.0009	0.0027
390	2045	ALT2	WB	AM	HOV	0.01	0.01	0.32	0.04	112	73	0.0005	0.0004	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
391	2045	ALT2	WB	AM	HOV	0.13	0.18	4.36	0.48	1499	974	0.0064	0.0060	0.0043	0.0002	0.0009	0.0033	0.0010	0.0005	0.0001	0.0006	0.0013
392	2045	ALT2	WB	AM	HOV	0.02	0.03	0.62	0.07	213	138	0.0009	0.0008	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0002
393	2045	ALT2	WB	AM	HOV	0.13	0.17	4.11	0.45	1413	919	0.0061	0.0056	0.0041	0.0002	0.0008	0.0031	0.0009	0.0005	0.0001	0.0005	0.0012
394	2045	ALT2	WB	AM	HOV	0.09	0.12	2.93	0.32	1008	655	0.0043	0.0040	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0004	0.0009
395	2045	ALT2	WB	AM	HOV	0.13	0.17	4.18	0.46	1439	935	0.0062	0.0057	0.0042	0.0002	0.0008	0.0032	0.0010	0.0005	0.0001	0.0005	0.0012

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
396	2045	ALT2	WB	AM	HOV	0.04	0.05	1.20	0.13	412	268	0.0018	0.0016	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0004
397	2045	ALT2	WB	AM	HOV	0.13	0.17	4.15	0.46	1428	928	0.0061	0.0057	0.0041	0.0002	0.0008	0.0032	0.0009	0.0005	0.0001	0.0005	0.0012
398	2045	ALT2	WB	AM	HOV	0.18	0.25	6.00	0.66	2063	1341	0.0088	0.0082	0.0060	0.0003	0.0012	0.0046	0.0014	0.0007	0.0001	0.0008	0.0018
399	2045	ALT2	WB	AM	HOV	0.16	0.21	5.11	0.56	1758	1143	0.0075	0.0070	0.0051	0.0003	0.0010	0.0039	0.0012	0.0006	0.0001	0.0007	0.0015
400	2045	ALT2	WB	AM	HOV	0.11	0.15	3.68	0.40	1267	824	0.0054	0.0050	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0011
401	2045	ALT2	WB	AM	HOV	0.08	0.11	2.64	0.29	908	590	0.0039	0.0036	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0008
402	2045	ALT2	WB	AM	HOV	0.08	0.10	2.54	0.28	875	569	0.0037	0.0035	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0008
403	2045	ALT2	WB	AM	HOV	0.16	0.22	5.51	0.60	1860	1209	0.0080	0.0075	0.0053	0.0003	0.0010	0.0041	0.0012	0.0006	0.0001	0.0007	0.0017
404	2045	ALT2	WB	AM	HOV	0.09	0.12	3.11	0.34	1050	683	0.0045	0.0042	0.0030	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0009
405	2045	ALT2	WB	AM	HOV	0.13	0.17	4.30	0.47	1453	945	0.0063	0.0058	0.0041	0.0002	0.0008	0.0032	0.0009	0.0005	0.0001	0.0005	0.0013
406	2045	ALT2	WB	AM	HOV	0.10	0.13	3.34	0.36	1128	733	0.0049	0.0045	0.0032	0.0002	0.0006	0.0025	0.0007	0.0004	0.0001	0.0004	0.0010
407	2045	ALT2	WB	AM	HOV	0.15	0.20	5.03	0.55	1700	1105	0.0073	0.0068	0.0048	0.0003	0.0009	0.0037	0.0011	0.0006	0.0001	0.0006	0.0015
408	2045	ALT2	WB	AM	HOV	0.09	0.13	3.15	0.34	1063	691	0.0046	0.0043	0.0030	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0010
409	2045	ALT2	WB	AM	HOV	0.13	0.17	4.39	0.48	1483	964	0.0064	0.0059	0.0042	0.0002	0.0008	0.0032	0.0010	0.0005	0.0001	0.0005	0.0013
410	2045	ALT2	WB	AM	HOV	0.27	0.36	8.69	0.96	3003	1952	0.0129	0.0119	0.0088	0.0005	0.0017	0.0067	0.0020	0.0010	0.0001	0.0011	0.0026
411	2045	ALT2	WB	AM	HOV	0.14	0.19	4.65	0.51	1608	1046	0.0069	0.0064	0.0047	0.0003	0.0009	0.0036	0.0011	0.0006	0.0001	0.0006	0.0014
412	2045	ALT2	WB	AM	HOV	0.06	0.07	1.78	0.20	616	401	0.0026	0.0024	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
413	2045	ALT2	WB	AM	HOV	0.03	0.04	0.91	0.10	315	205	0.0013	0.0013	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0003
414	2045	ALT2	WB	AM	HOV	0.12	0.16	3.89	0.43	1343	873	0.0058	0.0053	0.0039	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0012
415	2045	ALT2	WB	AM	HOV	0.03	0.04	0.91	0.10	315	205	0.0013	0.0013	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0003
416	2045	ALT2	WB	AM	HOV	0.00	0.01	0.14	0.02	49	32	0.0002	0.0002	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
417	2045	ALT2	WB	AM	HOV	0.12	0.17	3.98	0.44	1374	894	0.0059	0.0055	0.0040	0.0002	0.0008	0.0031	0.0009	0.0005	0.0001	0.0005	0.0012
418	2045	ALT2	WB	AM	HOV	0.05	0.07	1.71	0.19	591	384	0.0025	0.0023	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
419	2045	ALT2	WB	AM	HOV	0.09	0.12	2.82	0.31	974	633	0.0042	0.0039	0.0028	0.0002	0.0006	0.0022	0.0006	0.0003	0.0000	0.0004	0.0008
420	2045	ALT2	WB	AM	HOV	0.10	0.14	3.64	0.39	1209	786	0.0053	0.0049	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0011
421	2045	ALT2	WB	AM	HOV	0.10	0.13	3.44	0.37	1144	744	0.0050	0.0046	0.0032	0.0002	0.0006	0.0025	0.0007	0.0004	0.0001	0.0004	0.0011
422	2045	ALT2	WB	AM	HOV	0.12	0.16	4.09	0.44	1358	883	0.0059	0.0055	0.0038	0.0002	0.0007	0.0029	0.0009	0.0005	0.0001	0.0005	0.0013
423	2045	ALT2	WB	AM	HOV	0.22	0.30	7.88	0.84	2619	1703	0.0115	0.0106	0.0073	0.0004	0.0014	0.0056	0.0017	0.0009	0.0001	0.0009	0.0024
424	2045	ALT2	WB	AM	HOV	0.05	0.07	1.93	0.21	641	416	0.0028	0.0026	0.0018	0.0001	0.0004	0.0014	0.0004	0.0002	0.0000	0.0002	0.0006
425	2045	ALT2	WB	AM	HOV	0.13	0.18	4.55	0.49	1514	984	0.0066	0.0061	0.0042	0.0002	0.0008	0.0033	0.0010	0.0005	0.0001	0.0005	0.0014
426	2045	ALT2	WB	AM	HOV	0.07	0.09	2.40	0.26	797	518	0.0035	0.0032	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0007
427	2045	ALT2	WB	AM	HOV	0.13	0.18	4.58	0.49	1523	990	0.0067	0.0062	0.0043	0.0002	0.0008	0.0033	0.0010	0.0005	0.0001	0.0005	0.0014
428	2045	ALT2	WB	AM	HOV	0.14	0.19	4.89	0.52	1626	1057	0.0071	0.0066	0.0045	0.0002	0.0009	0.0035	0.0010	0.0006	0.0001	0.0006	0.0015
429	2045	ALT2	WB	AM	HOV	0.09	0.13	3.26	0.35	1085	705	0.0047	0.0044	0.0030	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0010
430	2045	ALT2	WB	AM	HOV	0.09	0.13	3.00	0.33	1041	677	0.0045	0.0041	0.0030	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0009
431	2045	ALT2	WB	AM	HOV	0.08	0.11	2.70	0.30	939	610	0.0040	0.0037	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0004	0.0008
432	2045	ALT2	WB	AM	HOV	0.10	0.13	3.19	0.35	1106	719	0.0047	0.0044	0.0032	0.0002	0.0006	0.0025	0.0007	0.0004	0.0001	0.0004	0.0009
433	2045	ALT2	WB	AM	HOV	0.12	0.17	4.59	0.46	1489	968	0.0070	0.0065	0.0040	0.0002	0.0008	0.0031	0.0009	0.0006	0.0001	0.0005	0.0015
434	2045	ALT2	WB	AM	HOV	0.10	0.14	3.86	0.39	1251	813	0.0059	0.0054	0.0034	0.0002	0.0007	0.0026	0.0008	0.0005	0.0001	0.0004	0.0013
435	2045	ALT2	WB	AM	HOV	0.20	0.27	7.40	0.75	2401	1561	0.0113	0.0104	0.0065	0.0003	0.0013	0.0050	0.0015	0.0009	0.0001	0.0008	0.0025
436	2045	ALT2	WB	AM	HOV	0.02	0.03	0.71	0.07	231	150	0.0011	0.0010	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0002
437	2045	ALT2	WB	AM	HOV	0.21	0.29	7.87	0.79	2554	1660	0.0120	0.0111	0.0069	0.0004	0.0013	0.0053	0.0016	0.0010	0.0001	0.0008	0.0026
216	2045	ALT2	WB	MD	Mainline	1.54	1.94	31.54	8.90	15983	11663	0.3280	0.3021	0.0458	0.0020	0.0376	0.0892	0.0094	0.0041	0.0017	0.2858	0.4188
217	2045	ALT2	WB	MD	Mainline	2.75	3.47	56.83	16.72	29097	21377	0.6165	0.5678	0.0816	0.0035	0.0719	0.1682	0.0166	0.0073	0.0032	0.5419	0.8160
218	2045	ALT2	WB	MD	Mainline	1.95	2.46	40.10	11.19	20254	14756	0.4115	0.3790	0.0583	0.0026	0.0471	0.1122	0.0120	0.0052	0.0022	0.3575	0.5225
219	2045	ALT2	WB	MD	Mainline	2.63	3.32	56.59	16.18	28287	20739	0.5683	0.5234	0.0779	0.0034	0.0699	0.1630	0.0158	0.0071	0.0030	0.4952	0.7981
220	2045	ALT2	WB	MD	Mainline	1.54	1.95	32.87	8.82	16186	11740	0.3093	0.2849	0.0461	0.0021	0.0369	0.0879	0.0095	0.0042	0.0017	0.2655	0.4075
221	2045	ALT2	WB	MD	Mainline	1.33	1.68	28.94	8.00	14259	10406	0.2762	0.2544	0.0395	0.0017	0.0342	0.0803	0.0081	0.0036	0.0015	0.2386	0.3875

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
222	2045	ALT2	WB	MD	Mainline	1.57	1.99	34.17	8.88	16569	11968	0.3041	0.2801	0.0472	0.0021	0.0367	0.0881	0.0098	0.0043	0.0017	0.2585	0.4032
223	2045	ALT2	WB	MD	Mainline	0.76	0.96	16.74	4.25	8004	5765	0.1419	0.1307	0.0227	0.0010	0.0175	0.0420	0.0047	0.0021	0.0008	0.1196	0.1911
224	2045	ALT2	WB	MD	Mainline	0.86	1.09	19.24	4.20	8798	6197	0.1312	0.1209	0.0262	0.0012	0.0161	0.0407	0.0056	0.0025	0.0008	0.1046	0.1620
225	2045	ALT2	WB	MD	Mainline	0.54	0.69	12.05	2.68	5563	3928	0.0853	0.0787	0.0166	0.0008	0.0104	0.0261	0.0035	0.0016	0.0005	0.0686	0.1051
226	2045	ALT2	WB	MD	Mainline	2.49	3.17	52.99	11.90	24926	17607	0.3958	0.3647	0.0760	0.0036	0.0464	0.1176	0.0163	0.0070	0.0023	0.3209	0.4646
227	2045	ALT2	WB	MD	Mainline	0.97	1.23	20.59	4.37	9547	6689	0.1413	0.1302	0.0296	0.0014	0.0166	0.0430	0.0064	0.0027	0.0008	0.1117	0.1600
228	2045	ALT2	WB	MD	Mainline	0.56	0.72	12.13	2.44	5529	3846	0.0759	0.0700	0.0173	0.0008	0.0090	0.0239	0.0038	0.0016	0.0005	0.0584	0.0840
229	2045	ALT2	WB	MD	Mainline	3.48	4.45	78.94	16.31	35489	24809	0.4928	0.4542	0.1069	0.0051	0.0608	0.1571	0.0230	0.0102	0.0030	0.3824	0.5919
230	2045	ALT2	WB	MD	Mainline	0.94	1.21	21.66	4.21	9555	6624	0.1217	0.1122	0.0291	0.0014	0.0152	0.0402	0.0063	0.0028	0.0008	0.0911	0.1411
231	2045	ALT2	WB	MD	Mainline	0.96	1.23	22.48	4.50	9892	6893	0.1301	0.1199	0.0294	0.0014	0.0165	0.0429	0.0063	0.0029	0.0008	0.0990	0.1604
232	2045	ALT2	WB	MD	Mainline	0.94	1.20	20.67	4.37	9462	6631	0.1373	0.1266	0.0289	0.0014	0.0165	0.0426	0.0062	0.0027	0.0008	0.1081	0.1611
233	2045	ALT2	WB	MD	Mainline	2.83	3.64	69.23	14.92	30506	21551	0.4332	0.3992	0.0862	0.0040	0.0586	0.1449	0.0182	0.0085	0.0026	0.3417	0.6167
234	2045	ALT2	WB	MD	Mainline	0.47	0.60	11.07	2.35	4933	3468	0.0698	0.0643	0.0144	0.0007	0.0090	0.0226	0.0031	0.0014	0.0004	0.0547	0.0910
235	2045	ALT2	WB	MD	Mainline	1.78	2.29	43.76	9.36	19215	13562	0.2700	0.2489	0.0543	0.0025	0.0366	0.0908	0.0115	0.0054	0.0016	0.2122	0.3848
236	2045	ALT2	WB	MD	Mainline	1.29	1.66	33.19	6.44	13967	9735	0.1713	0.1579	0.0396	0.0019	0.0239	0.0609	0.0085	0.0040	0.0011	0.1274	0.2408
237	2045	ALT2	WB	MD	Mainline	2.06	2.63	46.94	9.59	20983	14647	0.2861	0.2637	0.0631	0.0030	0.0355	0.0920	0.0136	0.0061	0.0018	0.2205	0.3436
238	2045	ALT2	WB	MD	Mainline	0.65	0.83	15.05	3.03	6655	4639	0.0884	0.0815	0.0199	0.0010	0.0111	0.0289	0.0043	0.0019	0.0005	0.0675	0.1075
239	2045	ALT2	WB	MD	Mainline	0.57	0.74	13.42	2.69	5918	4123	0.0779	0.0719	0.0177	0.0009	0.0099	0.0256	0.0038	0.0017	0.0005	0.0593	0.0952
240	2045	ALT2	WB	MD	Mainline	0.73	0.93	17.12	3.29	7453	5163	0.0926	0.0854	0.0224	0.0011	0.0118	0.0311	0.0049	0.0022	0.0006	0.0688	0.1104
241	2045	ALT2	WB	MD	Mainline	2.56	3.28	60.27	12.06	26491	18459	0.3477	0.3205	0.0787	0.0038	0.0443	0.1148	0.0170	0.0077	0.0022	0.2644	0.4299
242	2045	ALT2	WB	MD	Mainline	0.17	0.22	3.79	0.78	1717	1200	0.0241	0.0222	0.0052	0.0003	0.0029	0.0076	0.0011	0.0005	0.0001	0.0187	0.0282
243	2045	ALT2	WB	MD	Mainline	2.05	2.63	46.98	9.91	21159	14839	0.3005	0.2770	0.0629	0.0030	0.0373	0.0954	0.0135	0.0060	0.0018	0.2355	0.3703
244	2045	ALT2	WB	MD	Mainline	0.32	0.41	7.11	1.48	3234	2261	0.0458	0.0422	0.0099	0.0005	0.0055	0.0144	0.0021	0.0009	0.0003	0.0357	0.0537
245	2045	ALT2	WB	MD	Mainline	1.94	2.49	44.42	9.44	20047	14073	0.2872	0.2647	0.0595	0.0028	0.0356	0.0909	0.0128	0.0057	0.0017	0.2258	0.3555
246	2045	ALT2	WB	MD	Mainline	1.54	1.96	34.08	7.11	15496	10843	0.2203	0.2031	0.0472	0.0023	0.0267	0.0691	0.0102	0.0044	0.0013	0.1723	0.2594
247	2045	ALT2	WB	MD	Mainline	1.95	2.49	44.10	9.50	20035	14090	0.2933	0.2703	0.0595	0.0028	0.0362	0.0919	0.0127	0.0057	0.0017	0.2323	0.3627
248	2045	ALT2	WB	MD	Mainline	0.69	0.88	15.82	3.10	6985	4849	0.0900	0.0830	0.0212	0.0010	0.0112	0.0296	0.0046	0.0020	0.0006	0.0677	0.1056
249	2045	ALT2	WB	MD	Mainline	2.23	2.85	49.80	9.93	22327	15526	0.2980	0.2748	0.0686	0.0033	0.0365	0.0959	0.0149	0.0065	0.0019	0.2273	0.3427
250	2045	ALT2	WB	MD	Mainline	3.50	4.49	81.09	15.98	35755	24839	0.4621	0.4261	0.1079	0.0053	0.0579	0.1520	0.0234	0.0104	0.0029	0.3486	0.5480
251	2045	ALT2	WB	MD	Mainline	2.66	3.42	63.60	12.66	27750	19338	0.3601	0.3320	0.0818	0.0039	0.0466	0.1204	0.0176	0.0080	0.0023	0.2729	0.4552
252	2045	ALT2	WB	MD	Mainline	2.18	2.79	50.62	10.02	22308	15508	0.2896	0.2670	0.0671	0.0033	0.0364	0.0952	0.0145	0.0065	0.0018	0.2189	0.3463
253	2045	ALT2	WB	MD	Mainline	1.56	2.00	36.25	7.18	15977	11107	0.2074	0.1912	0.0480	0.0023	0.0260	0.0682	0.0104	0.0047	0.0013	0.1568	0.2480
254	2045	ALT2	WB	MD	Mainline	1.50	1.93	34.95	6.92	15402	10707	0.1999	0.1843	0.0463	0.0022	0.0251	0.0657	0.0100	0.0045	0.0012	0.1511	0.2391
255	2045	ALT2	WB	MD	Mainline	2.29	2.92	51.62	11.58	23738	16790	0.3652	0.3366	0.0698	0.0033	0.0449	0.1125	0.0148	0.0066	0.0021	0.2944	0.4615
256	2045	ALT2	WB	MD	Mainline	1.61	2.06	37.00	7.51	16466	11486	0.2220	0.2046	0.0494	0.0024	0.0277	0.0718	0.0107	0.0048	0.0014	0.1704	0.2679
257	2045	ALT2	WB	MD	Mainline	1.99	2.55	47.21	9.71	20809	14568	0.2823	0.2602	0.0609	0.0029	0.0364	0.0930	0.0131	0.0060	0.0017	0.2179	0.3640
258	2045	ALT2	WB	MD	Mainline	1.92	2.46	42.78	8.54	19224	13370	0.2577	0.2376	0.0592	0.0029	0.0314	0.0827	0.0129	0.0056	0.0016	0.1968	0.2950
259	2045	ALT2	WB	MD	Mainline	2.81	3.59	62.05	12.43	27991	19472	0.3782	0.3487	0.0866	0.0042	0.0458	0.1207	0.0188	0.0082	0.0023	0.2896	0.4298
260	2045	ALT2	WB	MD	Mainline	1.88	2.40	42.19	8.42	18878	13131	0.2516	0.2320	0.0578	0.0028	0.0309	0.0812	0.0125	0.0055	0.0016	0.1919	0.2915
261	2045	ALT2	WB	MD	Mainline	2.21	2.83	50.08	10.33	22520	15739	0.3123	0.2879	0.0679	0.0033	0.0385	0.0996	0.0146	0.0065	0.0019	0.2422	0.3741
262	2045	ALT2	WB	MD	Mainline	5.72	7.29	124.83	26.78	57474	40361	0.8524	0.7856	0.1750	0.0084	0.1021	0.2620	0.0376	0.0164	0.0051	0.6762	1.0041
263	2045	ALT2	WB	MD	Mainline	2.72	3.47	60.74	13.25	27836	19604	0.4164	0.3838	0.0831	0.0039	0.0508	0.1288	0.0178	0.0078	0.0025	0.3321	0.5102
264	2045	ALT2	WB	MD	Mainline	0.99	1.27	24.18	5.38	10745	7630	0.1582	0.1457	0.0300	0.0014	0.0216	0.0527	0.0063	0.0030	0.0009	0.1266	0.2321
265	2045	ALT2	WB	MD	Mainline	0.56	0.72	12.99	2.88	5886	4163	0.0883	0.0813	0.0170	0.0008	0.0112	0.0280	0.0036	0.0016	0.0005	0.0707	0.1168
266	2045	ALT2	WB	MD	Mainline	1.86	2.37	41.99	10.05	19620	14020	0.3243	0.2988	0.0562	0.0026	0.0405	0.0987	0.0118	0.0053	0.0018	0.2679	0.4332
267	2045	ALT2	WB	MD	Mainline	0.58	0.74	13.32	3.14	6142	4385	0.0988	0.0910	0.0175	0.0008	0.0127	0.0309	0.0037	0.0017	0.0006	0.0811	0.1363
268	2045	ALT2	WB	MD	Mainline	0.11	0.14	2.42	0.56	1133	804	0.0183	0.0169	0.0034	0.0002	0.0022	0.0055	0.0007	0.0003	0.0001	0.0149	0.0225
269	2045	ALT2	WB	MD	Mainline	2.57	3.27	59.67	14.00	27394	19553	0.4365	0.4022	0.0775	0.0035	0.0566	0.1378	0.0162	0.0074	0.0025	0.3575	0.6103

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
270	2045	ALT2	WB	MD	Mainline	1.10	1.40	25.16	6.23	11804	8489	0.2006	0.1848	0.0331	0.0015	0.0258	0.0619	0.0069	0.0031	0.0011	0.1676	0.2833
271	2045	ALT2	WB	MD	Mainline	1.61	2.05	38.10	9.43	17596	12692	0.2923	0.2692	0.0480	0.0021	0.0400	0.0947	0.0098	0.0046	0.0017	0.2435	0.4496
272	2045	ALT2	WB	MD	Mainline	1.16	1.48	28.15	6.86	12819	9239	0.2066	0.1903	0.0347	0.0015	0.0293	0.0691	0.0071	0.0034	0.0012	0.1709	0.3307
273	2045	ALT2	WB	MD	Mainline	1.23	1.56	28.35	6.93	13198	9480	0.2202	0.2029	0.0369	0.0017	0.0287	0.0688	0.0077	0.0035	0.0012	0.1830	0.3151
274	2045	ALT2	WB	MD	Mainline	1.41	1.79	31.99	7.95	15060	10831	0.2578	0.2375	0.0424	0.0019	0.0328	0.0788	0.0088	0.0040	0.0014	0.2157	0.3601
275	2045	ALT2	WB	MD	Mainline	2.71	3.45	61.17	14.31	28397	20219	0.4576	0.4216	0.0820	0.0038	0.0569	0.1399	0.0173	0.0078	0.0026	0.3750	0.6008
276	2045	ALT2	WB	MD	Mainline	0.77	0.97	16.92	3.97	7929	5641	0.1295	0.1193	0.0232	0.0011	0.0157	0.0389	0.0049	0.0022	0.0007	0.1063	0.1643
277	2045	ALT2	WB	MD	Mainline	1.59	2.02	35.66	8.74	16804	12047	0.2854	0.2630	0.0479	0.0022	0.0355	0.0861	0.0100	0.0045	0.0016	0.2378	0.3839
278	2045	ALT2	WB	MD	Mainline	0.80	1.02	17.32	4.63	8491	6158	0.1608	0.1481	0.0240	0.0011	0.0194	0.0461	0.0050	0.0022	0.0009	0.1378	0.2145
279	2045	ALT2	WB	MD	Mainline	1.49	1.89	34.24	8.85	16193	11738	0.2848	0.2624	0.0444	0.0019	0.0379	0.0892	0.0091	0.0042	0.0016	0.2409	0.4279
280	2045	ALT2	WB	MD	Mainline	1.59	2.02	37.13	9.26	17281	12465	0.2914	0.2685	0.0475	0.0021	0.0391	0.0927	0.0098	0.0045	0.0016	0.2435	0.4370
281	2045	ALT2	WB	MD	Mainline	1.13	1.45	28.23	6.63	12562	9024	0.1920	0.1769	0.0338	0.0015	0.0284	0.0672	0.0069	0.0033	0.0011	0.1564	0.3211
282	2045	ALT2	WB	MD	Mainline	1.66	2.12	39.85	9.76	18287	13176	0.2991	0.2755	0.0498	0.0022	0.0414	0.0980	0.0102	0.0048	0.0017	0.2482	0.4646
283	2045	ALT2	WB	MD	Mainline	1.53	1.96	37.43	8.98	16920	12171	0.2676	0.2466	0.0458	0.0020	0.0382	0.0904	0.0094	0.0045	0.0015	0.2202	0.4298
284	2045	ALT2	WB	MD	Mainline	1.87	2.40	47.78	11.00	20952	15031	0.3099	0.2855	0.0560	0.0024	0.0476	0.1122	0.0114	0.0056	0.0018	0.2501	0.5385
285	2045	ALT2	WB	MD	Mainline	1.36	1.74	32.87	7.93	14976	10768	0.2404	0.2215	0.0408	0.0018	0.0334	0.0793	0.0084	0.0040	0.0014	0.1984	0.3734
286	2045	ALT2	WB	MD	Mainline	1.14	1.45	26.76	6.68	12421	8966	0.2087	0.1923	0.0340	0.0015	0.0284	0.0671	0.0070	0.0033	0.0012	0.1744	0.3187
287	2045	ALT2	WB	MD	Mainline	2.06	2.62	46.39	12.18	22239	16133	0.4029	0.3711	0.0615	0.0027	0.0518	0.1223	0.0126	0.0057	0.0022	0.3427	0.5821
288	2045	ALT2	WB	MD	Mainline	0.24	0.31	5.70	1.31	2589	1845	0.0402	0.0370	0.0073	0.0003	0.0053	0.0129	0.0015	0.0007	0.0002	0.0327	0.0569
289	2045	ALT2	WB	MD	Mainline	2.39	3.06	59.66	13.71	26447	18920	0.3970	0.3658	0.0718	0.0032	0.0575	0.1373	0.0148	0.0071	0.0023	0.3211	0.6399
290	2045	ALT2	WB	MD	Ramp	0.09	0.12	3.06	0.36	1054	698	0.0065	0.0060	0.0029	0.0001	0.0010	0.0031	0.0006	0.0004	0.0001	0.0018	0.0078
291	2045	ALT2	WB	MD	Ramp	0.07	0.10	2.26	0.28	846	563	0.0058	0.0054	0.0024	0.0001	0.0010	0.0028	0.0005	0.0004	0.0001	0.0016	0.0083
292	2045	ALT2	WB	MD	Ramp	0.02	0.03	0.81	0.10	285	190	0.0019	0.0017	0.0008	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0006	0.0026
293	2045	ALT2	WB	MD	Ramp	0.24	0.34	3.80	0.55	2023	1351	0.0183	0.0169	0.0076	0.0003	0.0051	0.0128	0.0016	0.0013	0.0002	0.0036	0.0568
294	2045	ALT2	WB	MD	Ramp	0.07	0.09	1.86	0.25	744	498	0.0056	0.0052	0.0022	0.0001	0.0010	0.0028	0.0005	0.0003	0.0001	0.0017	0.0095
295	2045	ALT2	WB	MD	Ramp	0.22	0.32	3.59	0.47	1913	1266	0.0168	0.0156	0.0071	0.0003	0.0038	0.0101	0.0015	0.0013	0.0002	0.0025	0.0389
296	2045	ALT2	WB	MD	Ramp	0.08	0.12	1.62	0.25	780	528	0.0069	0.0064	0.0027	0.0001	0.0019	0.0048	0.0005	0.0004	0.0001	0.0022	0.0219
297	2045	ALT2	WB	MD	Ramp	1.57	2.02	28.51	10.00	15240	11553	0.2213	0.2040	0.0438	0.0014	0.0729	0.1556	0.0075	0.0043	0.0013	0.1748	0.9380
298	2045	ALT2	WB	MD	Ramp	0.01	0.01	0.31	0.04	116	76	0.0008	0.0007	0.0003	0.0000	0.0001	0.0003	0.0001	0.0001	0.0000	0.0002	0.0009
299	2045	ALT2	WB	MD	Ramp	0.04	0.05	1.25	0.15	437	290	0.0028	0.0026	0.0012	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0008	0.0036
300	2045	ALT2	WB	MD	Ramp	0.41	0.58	13.39	1.65	4855	3234	0.0327	0.0303	0.0134	0.0007	0.0055	0.0158	0.0029	0.0020	0.0003	0.0098	0.0478
301	2045	ALT2	WB	MD	Ramp	0.19	0.28	3.90	0.58	1843	1242	0.0159	0.0147	0.0062	0.0003	0.0040	0.0102	0.0013	0.0010	0.0002	0.0046	0.0442
302	2045	ALT2	WB	MD	Ramp	0.03	0.04	0.88	0.11	322	214	0.0022	0.0020	0.0009	0.0000	0.0004	0.0010	0.0002	0.0001	0.0000	0.0006	0.0031
303	2045	ALT2	WB	MD	Ramp	0.05	0.07	1.33	0.22	540	371	0.0047	0.0044	0.0015	0.0001	0.0011	0.0027	0.0003	0.0002	0.0000	0.0022	0.0119
304	2045	ALT2	WB	MD	Ramp	0.08	0.11	1.87	0.23	823	545	0.0063	0.0058	0.0026	0.0001	0.0010	0.0030	0.0006	0.0004	0.0001	0.0012	0.0089
305	2045	ALT2	WB	MD	Ramp	0.10	0.14	2.62	0.40	1097	747	0.0093	0.0086	0.0032	0.0002	0.0020	0.0050	0.0007	0.0005	0.0001	0.0037	0.0209
306	2045	ALT2	WB	MD	Ramp	0.06	0.09	1.71	0.19	693	455	0.0048	0.0044	0.0021	0.0001	0.0006	0.0019	0.0005	0.0004	0.0001	0.0007	0.0038
307	2045	ALT2	WB	MD	Ramp	0.13	0.19	2.12	0.29	1136	755	0.0102	0.0094	0.0043	0.0002	0.0026	0.0066	0.0009	0.0007	0.0001	0.0017	0.0273
308	2045	ALT2	WB	MD	Ramp	0.11	0.16	2.49	0.38	1128	762	0.0097	0.0089	0.0036	0.0002	0.0022	0.0056	0.0007	0.0006	0.0001	0.0032	0.0233
309	2045	ALT2	WB	MD	Ramp	0.12	0.17	1.84	0.31	961	653	0.0091	0.0084	0.0036	0.0002	0.0033	0.0077	0.0007	0.0006	0.0001	0.0027	0.0391
310	2045	ALT2	WB	MD	Ramp	0.54	0.76	13.24	2.24	5738	3943	0.0519	0.0480	0.0170	0.0008	0.0119	0.0294	0.0035	0.0026	0.0005	0.0232	0.1317
311	2045	ALT2	WB	MD	Ramp	0.15	0.22	2.98	0.45	1432	967	0.0126	0.0116	0.0049	0.0002	0.0034	0.0084	0.0010	0.0008	0.0001	0.0037	0.0379
312	2045	ALT2	WB	MD	Ramp	0.04	0.06	1.11	0.15	438	295	0.0033	0.0031	0.0013	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0011	0.0061
313	2045	ALT2	WB	MD	Ramp	0.32	0.45	10.10	1.45	3739	2537	0.0289	0.0267	0.0102	0.0005	0.0058	0.0152	0.0022	0.0014	0.0003	0.0127	0.0597
314	2045	ALT2	WB	MD	Ramp	0.16	0.24	3.69	0.40	1692	1108	0.0127	0.0118	0.0055	0.0003	0.0016	0.0053	0.0012	0.0010	0.0001	0.0013	0.0113
315	2045	ALT2	WB	MD	Ramp	0.13	0.19	3.09	0.42	1374	920	0.0111	0.0103	0.0043	0.0002	0.0022	0.0059	0.0009	0.0007	0.0001	0.0030	0.0216
316	2045	ALT2	WB	MD	Ramp	0.05	0.07	1.35	0.18	537	361	0.0041	0.0038	0.0015	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0014	0.0074
317	2045	ALT2	WB	MD	Ramp	0.08	0.11	1.71	0.26	783	530	0.0068	0.0063	0.0025	0.0001	0.0016	0.0041	0.0005	0.0004	0.0001	0.0022	0.0177

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
318	2045	ALT2	WB	MD	Ramp	0.04	0.05	1.17	0.13	434	287	0.0029	0.0026	0.0012	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0006	0.0032
319	2045	ALT2	WB	MD	Ramp	0.12	0.18	2.91	0.39	1277	854	0.0102	0.0095	0.0040	0.0002	0.0019	0.0052	0.0009	0.0007	0.0001	0.0027	0.0184
320	2045	ALT2	WB	MD	Ramp	0.06	0.09	1.69	0.22	703	468	0.0053	0.0049	0.0021	0.0001	0.0009	0.0025	0.0005	0.0003	0.0001	0.0014	0.0077
321	2045	ALT2	WB	MD	Ramp	0.12	0.18	2.65	0.36	1214	811	0.0099	0.0092	0.0040	0.0002	0.0021	0.0056	0.0008	0.0007	0.0001	0.0024	0.0214
322	2045	ALT2	WB	MD	Ramp	0.09	0.13	1.70	0.26	833	561	0.0073	0.0068	0.0029	0.0001	0.0020	0.0050	0.0006	0.0005	0.0001	0.0020	0.0225
323	2045	ALT2	WB	MD	Ramp	0.17	0.23	4.83	0.75	1888	1290	0.0157	0.0145	0.0053	0.0002	0.0034	0.0086	0.0011	0.0008	0.0001	0.0072	0.0367
324	2045	ALT2	WB	MD	Ramp	0.04	0.06	1.19	0.17	458	310	0.0035	0.0033	0.0013	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0014	0.0072
325	2045	ALT2	WB	MD	Ramp	0.28	0.40	5.95	0.94	2745	1864	0.0242	0.0224	0.0089	0.0004	0.0060	0.0150	0.0018	0.0014	0.0002	0.0084	0.0663
326	2045	ALT2	WB	MD	Ramp	0.12	0.17	3.22	0.39	1318	874	0.0096	0.0089	0.0039	0.0002	0.0014	0.0043	0.0009	0.0007	0.0001	0.0022	0.0120
327	2045	ALT2	WB	MD	Ramp	0.23	0.32	4.09	0.70	2022	1382	0.0188	0.0174	0.0071	0.0003	0.0061	0.0144	0.0014	0.0011	0.0002	0.0067	0.0714
328	2045	ALT2	WB	MD	Ramp	0.04	0.06	1.32	0.17	497	332	0.0035	0.0032	0.0014	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0011	0.0055
329	2045	ALT2	WB	MD	Ramp	0.11	0.15	2.46	0.35	1095	736	0.0090	0.0084	0.0034	0.0002	0.0018	0.0049	0.0007	0.0006	0.0001	0.0027	0.0188
330	2045	ALT2	WB	MD	Ramp	0.03	0.04	0.96	0.13	365	246	0.0028	0.0026	0.0010	0.0000	0.0005	0.0014	0.0002	0.0002	0.0000	0.0011	0.0055
331	2045	ALT2	WB	MD	Ramp	0.14	0.20	4.20	0.62	1621	1102	0.0130	0.0120	0.0045	0.0002	0.0027	0.0070	0.0010	0.0007	0.0001	0.0056	0.0286
332	2045	ALT2	WB	MD	Ramp	0.05	0.06	1.45	0.24	549	378	0.0048	0.0044	0.0015	0.0001	0.0010	0.0026	0.0003	0.0002	0.0000	0.0026	0.0115
333	2045	ALT2	WB	MD	Ramp	0.14	0.19	3.84	0.66	1541	1068	0.0140	0.0129	0.0043	0.0002	0.0033	0.0080	0.0009	0.0006	0.0001	0.0075	0.0377
334	2045	ALT2	WB	MD	Ramp	0.08	0.12	2.52	0.36	955	648	0.0075	0.0069	0.0027	0.0001	0.0015	0.0040	0.0006	0.0004	0.0001	0.0032	0.0158
335	2045	ALT2	WB	MD	Ramp	0.23	0.32	6.12	1.09	2527	1755	0.0235	0.0217	0.0072	0.0003	0.0058	0.0138	0.0015	0.0010	0.0002	0.0125	0.0657
336	2045	ALT2	WB	MD	Ramp	0.20	0.28	5.32	0.88	2213	1521	0.0196	0.0181	0.0064	0.0003	0.0045	0.0111	0.0013	0.0009	0.0002	0.0091	0.0500
337	2045	ALT2	WB	MD	Ramp	0.08	0.11	1.86	0.47	859	625	0.0103	0.0095	0.0024	0.0001	0.0030	0.0067	0.0004	0.0003	0.0001	0.0073	0.0375
338	2045	ALT2	WB	MD	Ramp	0.06	0.09	1.86	0.26	704	476	0.0053	0.0049	0.0020	0.0001	0.0011	0.0028	0.0004	0.0003	0.0000	0.0021	0.0105
339	2045	ALT2	WB	MD	Ramp	0.23	0.30	7.18	1.13	2638	1808	0.0230	0.0212	0.0070	0.0003	0.0042	0.0108	0.0015	0.0008	0.0002	0.0136	0.0430
340	2045	ALT2	WB	MD	Ramp	0.84	1.13	21.22	4.44	9042	6420	0.0953	0.0879	0.0252	0.0010	0.0254	0.0583	0.0049	0.0032	0.0007	0.0601	0.3044
341	2045	ALT2	WB	MD	Ramp	0.78	1.08	19.60	3.42	8353	5772	0.0768	0.0709	0.0243	0.0011	0.0184	0.0446	0.0050	0.0035	0.0007	0.0373	0.2072
342	2045	ALT2	WB	MD	Ramp	0.12	0.17	3.13	0.54	1320	910	0.0119	0.0110	0.0038	0.0002	0.0028	0.0069	0.0008	0.0006	0.0001	0.0057	0.0316
343	2045	ALT2	WB	MD	Ramp	0.21	0.28	2.63	0.61	1461	1027	0.0157	0.0145	0.0061	0.0002	0.0085	0.0185	0.0011	0.0008	0.0001	0.0069	0.1072
344	2045	ALT2	WB	MD	Ramp	0.07	0.10	1.72	0.36	749	530	0.0078	0.0072	0.0021	0.0001	0.0021	0.0048	0.0004	0.0003	0.0001	0.0047	0.0250
345	2045	ALT2	WB	MD	Ramp	0.05	0.07	0.90	0.16	447	306	0.0042	0.0039	0.0016	0.0001	0.0014	0.0033	0.0003	0.0002	0.0000	0.0015	0.0165
346	2045	ALT2	WB	MD	Ramp	0.11	0.15	1.78	0.38	916	641	0.0095	0.0087	0.0033	0.0001	0.0038	0.0085	0.0006	0.0005	0.0001	0.0044	0.0466
347	2045	ALT2	WB	MD	Ramp	0.06	0.09	1.45	0.25	646	443	0.0059	0.0054	0.0019	0.0001	0.0013	0.0033	0.0004	0.0003	0.0001	0.0025	0.0147
348	2045	ALT2	WB	MD	Ramp	0.51	0.70	13.43	2.41	5564	3868	0.0520	0.0481	0.0158	0.0007	0.0128	0.0306	0.0032	0.0022	0.0004	0.0278	0.1465
349	2045	ALT2	WB	MD	Ramp	0.13	0.18	2.98	0.66	1365	971	0.0147	0.0136	0.0040	0.0002	0.0041	0.0094	0.0008	0.0005	0.0001	0.0089	0.0498
350	2045	ALT2	WB	MD	Ramp	0.13	0.18	4.33	0.55	1553	1039	0.0107	0.0099	0.0042	0.0002	0.0019	0.0053	0.0009	0.0006	0.0001	0.0037	0.0171
351	2045	ALT2	WB	MD	Ramp	0.10	0.14	1.63	0.37	846	597	0.0091	0.0084	0.0031	0.0001	0.0038	0.0084	0.0006	0.0004	0.0001	0.0045	0.0472
352	2045	ALT2	WB	MD	Ramp	0.06	0.08	1.41	0.17	600	396	0.0044	0.0041	0.0018	0.0001	0.0006	0.0020	0.0004	0.0003	0.0000	0.0008	0.0052
353	2045	ALT2	WB	MD	Ramp	0.14	0.19	3.95	0.56	1553	1049	0.0121	0.0112	0.0044	0.0002	0.0024	0.0063	0.0009	0.0007	0.0001	0.0046	0.0243
354	2045	ALT2	WB	MD	Ramp	0.27	0.39	5.50	0.85	2609	1765	0.0229	0.0212	0.0087	0.0004	0.0061	0.0151	0.0018	0.0014	0.0002	0.0072	0.0677
355	2045	ALT2	WB	MD	Ramp	0.12	0.18	2.68	0.39	1229	826	0.0103	0.0096	0.0040	0.0002	0.0024	0.0061	0.0008	0.0007	0.0001	0.0029	0.0248
356	2045	ALT2	WB	MD	Ramp	0.08	0.12	1.78	0.24	811	542	0.0066	0.0061	0.0026	0.0001	0.0014	0.0037	0.0006	0.0004	0.0001	0.0016	0.0138
357	2045	ALT2	WB	MD	Ramp	0.26	0.37	4.90	0.71	2398	1609	0.0208	0.0192	0.0083	0.0004	0.0055	0.0137	0.0017	0.0014	0.0002	0.0052	0.0598
358	2045	ALT2	WB	MD	Ramp	0.22	0.31	2.92	0.54	1644	1120	0.0163	0.0151	0.0068	0.0003	0.0071	0.0162	0.0013	0.0010	0.0002	0.0047	0.0862
359	2045	ALT2	WB	MD	Ramp	0.23	0.34	3.78	0.49	2011	1330	0.0176	0.0163	0.0075	0.0004	0.0039	0.0104	0.0016	0.0013	0.0002	0.0025	0.0396
360	2045	ALT2	WB	MD	Ramp	0.13	0.19	2.32	0.35	1180	792	0.0105	0.0097	0.0043	0.0002	0.0030	0.0075	0.0009	0.0007	0.0001	0.0025	0.0338
361	2045	ALT2	WB	MD	Ramp	0.14	0.20	2.18	0.32	1164	779	0.0106	0.0098	0.0044	0.0002	0.0032	0.0078	0.0009	0.0007	0.0001	0.0022	0.0355
362	2045	ALT2	WB	MD	Ramp	0.08	0.12	1.99	0.33	870	597	0.0078	0.0073	0.0026	0.0001	0.0018	0.0044	0.0005	0.0004	0.0001	0.0034	0.0195
363	2045	ALT2	WB	MD	Ramp	0.19	0.28	4.01	0.50	1892	1253	0.0152	0.0141	0.0063	0.0003	0.0029	0.0080	0.0014	0.0011	0.0002	0.0026	0.0273
364	2045	ALT2	WB	MD	HOV																	
365	2045	ALT2	WB	MD	HOV																	

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
366	2045	ALT2	WB	MD	HOV	0.27	0.36	9.62	1.02	3163	2056	0.0140	0.0130	0.0087	0.0005	0.0017	0.0067	0.0020	0.0011	0.0002	0.0011	0.0030
367	2045	ALT2	WB	MD	HOV	0.40	0.55	14.45	1.53	4754	3091	0.0210	0.0195	0.0131	0.0007	0.0026	0.0101	0.0030	0.0017	0.0002	0.0017	0.0045
368	2045	ALT2	WB	MD	HOV	0.20	0.28	7.32	0.78	2409	1566	0.0106	0.0099	0.0067	0.0004	0.0013	0.0051	0.0015	0.0009	0.0001	0.0008	0.0023
369	2045	ALT2	WB	MD	HOV	0.19	0.26	6.94	0.74	2283	1484	0.0101	0.0093	0.0063	0.0003	0.0012	0.0048	0.0014	0.0008	0.0001	0.0008	0.0022
370	2045	ALT2	WB	MD	HOV	0.20	0.28	7.33	0.78	2410	1567	0.0107	0.0099	0.0067	0.0004	0.0013	0.0051	0.0015	0.0009	0.0001	0.0008	0.0023
371	2045	ALT2	WB	MD	HOV	0.09	0.13	3.38	0.36	1110	721	0.0049	0.0046	0.0031	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0011
372	2045	ALT2	WB	MD	HOV	0.14	0.20	5.22	0.55	1715	1115	0.0076	0.0070	0.0047	0.0003	0.0009	0.0036	0.0011	0.0006	0.0001	0.0006	0.0016
373	2045	ALT2	WB	MD	HOV	0.09	0.13	3.42	0.36	1122	730	0.0050	0.0046	0.0031	0.0002	0.0006	0.0024	0.0007	0.0004	0.0001	0.0004	0.0011
374	2045	ALT2	WB	MD	HOV	0.43	0.58	15.33	1.62	5037	3275	0.0223	0.0207	0.0139	0.0007	0.0027	0.0107	0.0032	0.0018	0.0003	0.0018	0.0048
375	2045	ALT2	WB	MD	HOV	0.14	0.19	5.11	0.54	1680	1092	0.0074	0.0069	0.0046	0.0002	0.0009	0.0036	0.0011	0.0006	0.0001	0.0006	0.0016
376	2045	ALT2	WB	MD	HOV	0.07	0.09	2.38	0.25	783	509	0.0035	0.0032	0.0022	0.0001	0.0004	0.0017	0.0005	0.0003	0.0000	0.0003	0.0007
377	2045	ALT2	WB	MD	HOV	0.47	0.64	16.88	1.79	5546	3606	0.0246	0.0228	0.0153	0.0008	0.0030	0.0118	0.0035	0.0020	0.0003	0.0019	0.0053
378	2045	ALT2	WB	MD	HOV	0.10	0.14	3.77	0.40	1239	805	0.0055	0.0051	0.0034	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0012
379	2045	ALT2	WB	MD	HOV	0.16	0.22	6.03	0.61	1962	1275	0.0093	0.0086	0.0053	0.0003	0.0010	0.0041	0.0012	0.0008	0.0001	0.0006	0.0020
380	2045	ALT2	WB	MD	HOV	0.15	0.21	5.60	0.56	1823	1185	0.0087	0.0080	0.0049	0.0003	0.0010	0.0038	0.0011	0.0007	0.0001	0.0006	0.0019
381	2045	ALT2	WB	MD	HOV	0.55	0.76	20.53	2.06	6681	4343	0.0317	0.0294	0.0180	0.0010	0.0035	0.0138	0.0041	0.0026	0.0004	0.0021	0.0070
382	2045	ALT2	WB	MD	HOV	0.08	0.11	3.02	0.30	983	639	0.0047	0.0043	0.0027	0.0001	0.0005	0.0020	0.0006	0.0004	0.0001	0.0003	0.0010
383	2045	ALT2	WB	MD	HOV	0.34	0.48	12.90	1.29	4196	2727	0.0199	0.0185	0.0113	0.0006	0.0022	0.0087	0.0026	0.0016	0.0002	0.0013	0.0044
384	2045	ALT2	WB	MD	HOV	0.20	0.28	7.64	0.77	2485	1615	0.0118	0.0109	0.0067	0.0004	0.0013	0.0051	0.0015	0.0010	0.0001	0.0008	0.0026
385	2045	ALT2	WB	MD	HOV	0.51	0.71	19.04	1.91	6196	4028	0.0294	0.0273	0.0167	0.0009	0.0032	0.0128	0.0038	0.0024	0.0004	0.0020	0.0065
386	2045	ALT2	WB	MD	HOV	0.15	0.21	5.67	0.57	1846	1200	0.0088	0.0081	0.0050	0.0003	0.0010	0.0038	0.0011	0.0007	0.0001	0.0006	0.0019
387	2045	ALT2	WB	MD	HOV	0.13	0.18	4.96	0.50	1613	1049	0.0077	0.0071	0.0044	0.0002	0.0008	0.0033	0.0010	0.0006	0.0001	0.0005	0.0017
388	2045	ALT2	WB	MD	HOV	0.13	0.19	5.02	0.50	1634	1062	0.0078	0.0072	0.0044	0.0002	0.0009	0.0034	0.0010	0.0006	0.0001	0.0005	0.0017
389	2045	ALT2	WB	MD	HOV	0.52	0.73	19.69	1.98	6406	4164	0.0304	0.0282	0.0173	0.0009	0.0033	0.0132	0.0039	0.0025	0.0004	0.0020	0.0067
390	2045	ALT2	WB	MD	HOV	0.02	0.03	0.86	0.09	285	185	0.0013	0.0012	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0003
391	2045	ALT2	WB	MD	HOV	0.32	0.44	11.50	1.23	3805	2474	0.0167	0.0155	0.0106	0.0006	0.0021	0.0081	0.0024	0.0014	0.0002	0.0013	0.0036
392	2045	ALT2	WB	MD	HOV	0.05	0.06	1.64	0.17	541	352	0.0024	0.0022	0.0015	0.0001	0.0003	0.0012	0.0003	0.0002	0.0000	0.0002	0.0005
393	2045	ALT2	WB	MD	HOV	0.31	0.42	10.84	1.16	3588	2333	0.0158	0.0146	0.0100	0.0005	0.0020	0.0077	0.0023	0.0013	0.0002	0.0013	0.0034
394	2045	ALT2	WB	MD	HOV	0.22	0.30	7.73	0.83	2559	1664	0.0112	0.0104	0.0071	0.0004	0.0014	0.0055	0.0016	0.0009	0.0001	0.0009	0.0024
395	2045	ALT2	WB	MD	HOV	0.31	0.42	11.04	1.18	3652	2374	0.0161	0.0149	0.0102	0.0005	0.0020	0.0078	0.0023	0.0013	0.0002	0.0013	0.0034
396	2045	ALT2	WB	MD	HOV	0.09	0.12	3.16	0.34	1046	680	0.0046	0.0043	0.0029	0.0002	0.0006	0.0022	0.0007	0.0004	0.0001	0.0004	0.0010
397	2045	ALT2	WB	MD	HOV	0.31	0.42	10.96	1.17	3625	2357	0.0159	0.0148	0.0101	0.0005	0.0020	0.0077	0.0023	0.0013	0.0002	0.0013	0.0034
398	2045	ALT2	WB	MD	HOV	0.45	0.61	15.83	1.69	5237	3405	0.0230	0.0213	0.0146	0.0008	0.0029	0.0112	0.0033	0.0019	0.0003	0.0019	0.0049
399	2045	ALT2	WB	MD	HOV	0.38	0.52	13.49	1.44	4462	2901	0.0196	0.0182	0.0124	0.0007	0.0024	0.0095	0.0028	0.0016	0.0002	0.0016	0.0042
400	2045	ALT2	WB	MD	HOV	0.27	0.37	9.73	1.04	3218	2092	0.0141	0.0131	0.0090	0.0005	0.0018	0.0069	0.0020	0.0011	0.0002	0.0011	0.0030
401	2045	ALT2	WB	MD	HOV	0.20	0.27	6.97	0.74	2305	1498	0.0101	0.0094	0.0064	0.0003	0.0013	0.0049	0.0015	0.0008	0.0001	0.0008	0.0022
402	2045	ALT2	WB	MD	HOV	0.19	0.26	6.72	0.72	2222	1445	0.0098	0.0091	0.0062	0.0003	0.0012	0.0047	0.0014	0.0008	0.0001	0.0008	0.0021
403	2045	ALT2	WB	MD	HOV	0.41	0.56	14.90	1.55	4860	3159	0.0219	0.0203	0.0133	0.0007	0.0026	0.0102	0.0030	0.0018	0.0003	0.0017	0.0048
404	2045	ALT2	WB	MD	HOV	0.23	0.31	8.41	0.88	2745	1785	0.0124	0.0115	0.0075	0.0004	0.0015	0.0058	0.0017	0.0010	0.0001	0.0009	0.0027
405	2045	ALT2	WB	MD	HOV	0.32	0.44	11.64	1.21	3797	2469	0.0171	0.0158	0.0104	0.0006	0.0020	0.0080	0.0024	0.0014	0.0002	0.0013	0.0037
406	2045	ALT2	WB	MD	HOV	0.25	0.34	9.03	0.94	2946	1915	0.0133	0.0123	0.0081	0.0004	0.0016	0.0062	0.0018	0.0011	0.0002	0.0010	0.0029
407	2045	ALT2	WB	MD	HOV	0.37	0.51	13.61	1.42	4442	2888	0.0200	0.0185	0.0122	0.0007	0.0024	0.0093	0.0028	0.0016	0.0002	0.0015	0.0044
408	2045	ALT2	WB	MD	HOV	0.23	0.32	8.52	0.89	2779	1807	0.0125	0.0116	0.0076	0.0004	0.0015	0.0058	0.0017	0.0010	0.0001	0.0009	0.0027
409	2045	ALT2	WB	MD	HOV	0.32	0.44	11.89	1.24	3878	2521	0.0175	0.0162	0.0106	0.0006	0.0021	0.0081	0.0024	0.0014	0.0002	0.0013	0.0038
410	2045	ALT2	WB	MD	HOV	0.58	0.78	19.33	2.10	6567	4270	0.0282	0.0262	0.0188	0.0010	0.0037	0.0144	0.0043	0.0023	0.0003	0.0024	0.0058
411	2045	ALT2	WB	MD	HOV	0.31	0.42	10.35	1.13	3517	2287	0.0151	0.0140	0.0101	0.0005	0.0020	0.0077	0.0023	0.0012	0.0002	0.0013	0.0031
412	2045	ALT2	WB	MD	HOV	0.12	0.16	3.97	0.43	1348	876	0.0058	0.0054	0.0039	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0012
413	2045	ALT2	WB	MD	HOV	0.06	0.08	2.03	0.22	690	448	0.0030	0.0028	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0003	0.0006

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
414	2045	ALT2	WB	MD	HOV	0.26	0.35	8.65	0.94	2938	1910	0.0126	0.0117	0.0084	0.0004	0.0016	0.0065	0.0019	0.0010	0.0001	0.0011	0.0026
415	2045	ALT2	WB	MD	HOV	0.06	0.08	2.03	0.22	689	448	0.0030	0.0027	0.0020	0.0001	0.0004	0.0015	0.0005	0.0002	0.0000	0.0003	0.0006
416	2045	ALT2	WB	MD	HOV	0.01	0.01	0.32	0.03	107	70	0.0005	0.0004	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
417	2045	ALT2	WB	MD	HOV	0.26	0.36	8.85	0.96	3006	1954	0.0129	0.0120	0.0086	0.0005	0.0017	0.0066	0.0020	0.0010	0.0001	0.0011	0.0027
418	2045	ALT2	WB	MD	HOV	0.11	0.15	3.81	0.41	1293	841	0.0056	0.0052	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0011
419	2045	ALT2	WB	MD	HOV	0.19	0.25	6.27	0.68	2130	1385	0.0092	0.0085	0.0061	0.0003	0.0012	0.0047	0.0014	0.0007	0.0001	0.0008	0.0019
420	2045	ALT2	WB	MD	HOV	0.24	0.33	8.86	0.91	2875	1869	0.0131	0.0121	0.0078	0.0004	0.0015	0.0060	0.0018	0.0011	0.0002	0.0010	0.0029
421	2045	ALT2	WB	MD	HOV	0.22	0.31	8.39	0.86	2722	1769	0.0124	0.0115	0.0074	0.0004	0.0014	0.0057	0.0017	0.0010	0.0001	0.0009	0.0027
422	2045	ALT2	WB	MD	HOV	0.27	0.37	9.96	1.02	3231	2100	0.0147	0.0137	0.0088	0.0005	0.0017	0.0067	0.0020	0.0012	0.0002	0.0011	0.0032
423	2045	ALT2	WB	MD	HOV	0.51	0.71	19.21	1.97	6230	4050	0.0284	0.0263	0.0169	0.0009	0.0033	0.0130	0.0039	0.0023	0.0003	0.0021	0.0062
424	2045	ALT2	WB	MD	HOV	0.13	0.17	4.70	0.48	1524	991	0.0069	0.0064	0.0041	0.0002	0.0008	0.0032	0.0009	0.0006	0.0001	0.0005	0.0015
425	2045	ALT2	WB	MD	HOV	0.30	0.41	11.10	1.14	3600	2340	0.0164	0.0152	0.0098	0.0005	0.0019	0.0075	0.0022	0.0013	0.0002	0.0012	0.0036
426	2045	ALT2	WB	MD	HOV	0.16	0.22	5.84	0.60	1894	1232	0.0086	0.0080	0.0051	0.0003	0.0010	0.0039	0.0012	0.0007	0.0001	0.0006	0.0019
427	2045	ALT2	WB	MD	HOV	0.30	0.41	11.17	1.15	3624	2356	0.0165	0.0153	0.0098	0.0005	0.0019	0.0075	0.0022	0.0014	0.0002	0.0012	0.0036
428	2045	ALT2	WB	MD	HOV	0.32	0.44	11.93	1.23	3869	2515	0.0176	0.0164	0.0105	0.0006	0.0020	0.0081	0.0024	0.0014	0.0002	0.0013	0.0039
429	2045	ALT2	WB	MD	HOV	0.21	0.29	7.95	0.82	2579	1677	0.0118	0.0109	0.0070	0.0004	0.0014	0.0054	0.0016	0.0010	0.0001	0.0009	0.0026
430	2045	ALT2	WB	MD	HOV	0.17	0.22	5.06	0.57	1807	1175	0.0077	0.0071	0.0054	0.0003	0.0011	0.0042	0.0012	0.0006	0.0001	0.0007	0.0015
431	2045	ALT2	WB	MD	HOV	0.15	0.20	4.56	0.52	1629	1059	0.0069	0.0064	0.0049	0.0003	0.0010	0.0038	0.0011	0.0006	0.0001	0.0006	0.0013
432	2045	ALT2	WB	MD	HOV	0.18	0.24	5.37	0.61	1918	1247	0.0082	0.0076	0.0058	0.0003	0.0011	0.0044	0.0013	0.0007	0.0001	0.0007	0.0016
433	2045	ALT2	WB	MD	HOV	0.28	0.40	10.60	1.05	3491	2269	0.0172	0.0160	0.0094	0.0005	0.0018	0.0072	0.0021	0.0014	0.0002	0.0011	0.0038
434	2045	ALT2	WB	MD	HOV	0.24	0.34	8.91	0.88	2934	1907	0.0145	0.0134	0.0079	0.0004	0.0015	0.0061	0.0018	0.0012	0.0002	0.0009	0.0032
435	2045	ALT2	WB	MD	HOV	0.46	0.65	17.10	1.69	5630	3659	0.0278	0.0258	0.0152	0.0008	0.0029	0.0116	0.0035	0.0023	0.0003	0.0017	0.0061
436	2045	ALT2	WB	MD	HOV	0.04	0.06	1.64	0.16	539	351	0.0027	0.0025	0.0015	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0002	0.0006
437	2045	ALT2	WB	MD	HOV	0.49	0.69	18.19	1.80	5989	3893	0.0296	0.0274	0.0162	0.0009	0.0031	0.0124	0.0037	0.0024	0.0004	0.0018	0.0064
216	2045	ALT2	WB	PM	Mainline	1.02	1.25	17.86	8.57	11438	8997	0.3829	0.3524	0.0286	0.0010	0.0399	0.0868	0.0052	0.0022	0.0018	0.3626	0.4961
217	2045	ALT2	WB	PM	Mainline	1.90	2.33	32.81	16.54	21523	17052	0.7443	0.6850	0.0528	0.0018	0.0777	0.1679	0.0095	0.0041	0.0035	0.7081	0.9740
218	2045	ALT2	WB	PM	Mainline	1.27	1.56	22.21	10.68	14243	11207	0.4781	0.4400	0.0356	0.0013	0.0497	0.1081	0.0065	0.0028	0.0023	0.4529	0.6185
219	2045	ALT2	WB	PM	Mainline	1.85	2.27	32.30	15.89	20927	16529	0.7070	0.6507	0.0516	0.0018	0.0748	0.1619	0.0094	0.0040	0.0033	0.6710	0.9355
220	2045	ALT2	WB	PM	Mainline	1.07	1.32	19.33	8.33	11768	9117	0.3623	0.3335	0.0304	0.0011	0.0383	0.0844	0.0057	0.0025	0.0017	0.3393	0.4683
221	2045	ALT2	WB	PM	Mainline	0.96	1.18	17.11	7.75	10653	8314	0.3389	0.3119	0.0270	0.0010	0.0360	0.0788	0.0050	0.0022	0.0016	0.3190	0.4447
222	2045	ALT2	WB	PM	Mainline	1.10	1.36	20.13	8.31	12020	9255	0.3575	0.3291	0.0315	0.0012	0.0379	0.0842	0.0060	0.0026	0.0017	0.3331	0.4606
223	2045	ALT2	WB	PM	Mainline	0.52	0.65	9.59	3.88	5674	4356	0.1660	0.1528	0.0150	0.0006	0.0177	0.0393	0.0029	0.0012	0.0008	0.1543	0.2137
224	2045	ALT2	WB	PM	Mainline	0.69	0.86	12.58	5.35	7606	5882	0.2306	0.2122	0.0197	0.0007	0.0246	0.0543	0.0037	0.0016	0.0011	0.2156	0.3003
225	2045	ALT2	WB	PM	Mainline	0.44	0.55	8.03	3.48	4900	3801	0.1510	0.1390	0.0126	0.0005	0.0161	0.0354	0.0024	0.0010	0.0007	0.1415	0.1969
226	2045	ALT2	WB	PM	Mainline	1.97	2.43	35.31	15.61	21764	16919	0.6855	0.6310	0.0559	0.0021	0.0718	0.1580	0.0105	0.0045	0.0033	0.6438	0.8819
227	2045	ALT2	WB	PM	Mainline	0.73	0.90	13.26	5.34	7843	6015	0.2301	0.2118	0.0208	0.0008	0.0242	0.0540	0.0040	0.0017	0.0011	0.2138	0.2916
228	2045	ALT2	WB	PM	Mainline	0.43	0.53	8.04	2.80	4475	3359	0.1157	0.1066	0.0124	0.0005	0.0123	0.0282	0.0025	0.0010	0.0006	0.1053	0.1437
229	2045	ALT2	WB	PM	Mainline	2.89	3.60	54.81	19.49	30692	23124	0.8041	0.7403	0.0842	0.0035	0.0865	0.1968	0.0167	0.0071	0.0040	0.7340	1.0174
230	2045	ALT2	WB	PM	Mainline	0.77	0.96	14.85	4.70	7948	5888	0.1874	0.1726	0.0226	0.0010	0.0203	0.0473	0.0046	0.0019	0.0010	0.1677	0.2316
231	2045	ALT2	WB	PM	Mainline	0.82	1.02	15.73	5.24	8577	6403	0.2115	0.1948	0.0239	0.0010	0.0230	0.0529	0.0048	0.0020	0.0011	0.1911	0.2662
232	2045	ALT2	WB	PM	Mainline	0.76	0.94	14.29	5.06	7999	6022	0.2096	0.1929	0.0220	0.0009	0.0224	0.0511	0.0044	0.0019	0.0010	0.1912	0.2630
233	2045	ALT2	WB	PM	Mainline	2.59	3.23	49.60	18.11	27948	21161	0.7379	0.6793	0.0751	0.0030	0.0816	0.1840	0.0147	0.0063	0.0037	0.6758	0.9719
234	2045	ALT2	WB	PM	Mainline	0.42	0.53	8.16	2.80	4485	3363	0.1127	0.1038	0.0124	0.0005	0.0124	0.0283	0.0025	0.0011	0.0006	0.1022	0.1448
235	2045	ALT2	WB	PM	Mainline	1.69	2.11	32.76	11.52	18156	13674	0.4631	0.4264	0.0493	0.0020	0.0516	0.1170	0.0097	0.0042	0.0023	0.4216	0.6093
236	2045	ALT2	WB	PM	Mainline	1.19	1.49	23.63	7.33	12469	9218	0.2840	0.2615	0.0352	0.0015	0.0317	0.0739	0.0071	0.0031	0.0015	0.2529	0.3622
237	2045	ALT2	WB	PM	Mainline	1.85	2.31	35.26	12.58	19727	14876	0.5148	0.4739	0.0538	0.0022	0.0561	0.1273	0.0106	0.0045	0.0026	0.4700	0.6618
238	2045	ALT2	WB	PM	Mainline	0.58	0.73	11.21	3.87	6185	4642	0.1564	0.1440	0.0170	0.0007	0.0171	0.0391	0.0034	0.0014	0.0008	0.1420	0.2009
239	2045	ALT2	WB	PM	Mainline	0.51	0.64	9.91	3.40	5452	4089	0.1371	0.1263	0.0150	0.0006	0.0150	0.0344	0.0030	0.0013	0.0007	0.1244	0.1761

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
240	2045	ALT2	WB	PM	Mainline	0.62	0.78	12.21	3.83	6489	4803	0.1505	0.1386	0.0184	0.0008	0.0166	0.0386	0.0037	0.0016	0.0008	0.1344	0.1889
241	2045	ALT2	WB	PM	Mainline	2.27	2.84	44.13	14.64	23960	17880	0.5848	0.5384	0.0667	0.0028	0.0642	0.1478	0.0134	0.0057	0.0030	0.5275	0.7450
242	2045	ALT2	WB	PM	Mainline	0.14	0.18	2.69	0.94	1496	1124	0.0387	0.0356	0.0041	0.0002	0.0042	0.0095	0.0008	0.0003	0.0002	0.0352	0.0488
243	2045	ALT2	WB	PM	Mainline	1.80	2.25	34.25	12.31	19230	14516	0.5057	0.4656	0.0524	0.0021	0.0549	0.1246	0.0103	0.0044	0.0025	0.4623	0.6492
244	2045	ALT2	WB	PM	Mainline	0.27	0.34	5.15	1.80	2866	2154	0.0740	0.0681	0.0079	0.0003	0.0080	0.0182	0.0016	0.0007	0.0004	0.0674	0.0935
245	2045	ALT2	WB	PM	Mainline	1.73	2.16	33.01	11.81	18497	13955	0.4844	0.4460	0.0504	0.0021	0.0527	0.1196	0.0099	0.0043	0.0024	0.4425	0.6222
246	2045	ALT2	WB	PM	Mainline	1.30	1.61	24.64	8.62	13707	10303	0.3537	0.3257	0.0378	0.0016	0.0381	0.0871	0.0075	0.0032	0.0018	0.3221	0.4470
247	2045	ALT2	WB	PM	Mainline	1.72	2.14	32.47	11.94	18409	13943	0.4941	0.4549	0.0498	0.0020	0.0535	0.1209	0.0098	0.0042	0.0025	0.4532	0.6360
248	2045	ALT2	WB	PM	Mainline	0.59	0.74	11.45	3.62	6113	4528	0.1433	0.1319	0.0173	0.0007	0.0157	0.0365	0.0035	0.0015	0.0007	0.1281	0.1789
249	2045	ALT2	WB	PM	Mainline	1.87	2.34	35.96	11.94	19599	14618	0.4828	0.4445	0.0549	0.0023	0.0522	0.1203	0.0110	0.0047	0.0025	0.4357	0.6028
250	2045	ALT2	WB	PM	Mainline	2.97	3.72	57.86	18.37	30941	22936	0.7278	0.6702	0.0875	0.0038	0.0796	0.1851	0.0177	0.0076	0.0037	0.6514	0.9101
251	2045	ALT2	WB	PM	Mainline	2.37	2.96	46.06	15.15	24915	18572	0.6028	0.5550	0.0694	0.0029	0.0664	0.1530	0.0139	0.0060	0.0031	0.5429	0.7691
252	2045	ALT2	WB	PM	Mainline	1.85	2.32	36.02	11.50	19297	14316	0.4561	0.4199	0.0545	0.0023	0.0499	0.1158	0.0110	0.0047	0.0023	0.4086	0.5712
253	2045	ALT2	WB	PM	Mainline	1.32	1.66	25.80	8.23	13820	10252	0.3266	0.3008	0.0390	0.0017	0.0357	0.0830	0.0079	0.0034	0.0017	0.2926	0.4091
254	2045	ALT2	WB	PM	Mainline	1.28	1.60	24.87	7.94	13323	9884	0.3149	0.2899	0.0376	0.0016	0.0344	0.0800	0.0076	0.0032	0.0016	0.2821	0.3944
255	2045	ALT2	WB	PM	Mainline	2.02	2.51	37.75	14.59	21861	16679	0.6120	0.5635	0.0582	0.0023	0.0661	0.1480	0.0113	0.0048	0.0030	0.5654	0.7937
256	2045	ALT2	WB	PM	Mainline	1.35	1.69	26.08	8.68	14206	10602	0.3494	0.3217	0.0397	0.0017	0.0380	0.0876	0.0079	0.0034	0.0018	0.3154	0.4403
257	2045	ALT2	WB	PM	Mainline	1.74	2.17	33.43	11.60	18482	13884	0.4699	0.4326	0.0507	0.0021	0.0515	0.1174	0.0101	0.0043	0.0024	0.4271	0.6043
258	2045	ALT2	WB	PM	Mainline	1.51	1.88	28.94	9.55	15751	11737	0.3869	0.3563	0.0443	0.0019	0.0416	0.0962	0.0089	0.0038	0.0020	0.3490	0.4799
259	2045	ALT2	WB	PM	Mainline	2.19	2.73	41.74	14.05	22901	17112	0.5731	0.5277	0.0641	0.0027	0.0615	0.1416	0.0128	0.0055	0.0029	0.5187	0.7123
260	2045	ALT2	WB	PM	Mainline	1.46	1.82	28.03	9.24	15249	11361	0.3740	0.3443	0.0429	0.0018	0.0403	0.0931	0.0086	0.0037	0.0019	0.3372	0.4642
261	2045	ALT2	WB	PM	Mainline	1.82	2.27	34.60	12.06	19219	14436	0.4945	0.4553	0.0531	0.0022	0.0533	0.1217	0.0105	0.0045	0.0025	0.4499	0.6233
262	2045	ALT2	WB	PM	Mainline	4.43	5.51	82.87	30.50	47133	35680	1.2779	1.1765	0.1284	0.0052	0.1360	0.3079	0.0252	0.0107	0.0063	1.1729	1.6099
263	2045	ALT2	WB	PM	Mainline	2.20	2.73	41.02	15.61	23634	17981	0.6570	0.6049	0.0636	0.0025	0.0702	0.1578	0.0124	0.0053	0.0032	0.6058	0.8379
264	2045	ALT2	WB	PM	Mainline	0.87	1.08	16.35	6.34	9457	7223	0.2631	0.2422	0.0250	0.0010	0.0289	0.0645	0.0048	0.0021	0.0013	0.2431	0.3484
265	2045	ALT2	WB	PM	Mainline	0.46	0.57	8.64	3.30	4975	3789	0.1378	0.1268	0.0133	0.0005	0.0149	0.0334	0.0026	0.0011	0.0007	0.1270	0.1785
266	2045	ALT2	WB	PM	Mainline	1.53	1.88	27.47	12.25	16963	13213	0.5312	0.4889	0.0432	0.0016	0.0569	0.1248	0.0080	0.0035	0.0025	0.4992	0.7022
267	2045	ALT2	WB	PM	Mainline	0.49	0.61	9.00	3.78	5405	4175	0.1615	0.1487	0.0140	0.0005	0.0174	0.0385	0.0027	0.0011	0.0008	0.1508	0.2126
268	2045	ALT2	WB	PM	Mainline	0.09	0.11	1.63	0.63	946	722	0.0264	0.0243	0.0025	0.0001	0.0029	0.0064	0.0005	0.0002	0.0001	0.0244	0.0345
269	2045	ALT2	WB	PM	Mainline	2.33	2.89	43.46	17.05	25295	19346	0.7131	0.6565	0.0668	0.0026	0.0777	0.1733	0.0129	0.0055	0.0035	0.6598	0.9372
270	2045	ALT2	WB	PM	Mainline	1.01	1.24	18.45	7.73	11063	8543	0.3289	0.3028	0.0286	0.0011	0.0357	0.0788	0.0054	0.0023	0.0016	0.3069	0.4357
271	2045	ALT2	WB	PM	Mainline	1.55	1.91	28.43	12.15	17172	13307	0.5138	0.4730	0.0439	0.0016	0.0566	0.1245	0.0082	0.0036	0.0025	0.4804	0.6961
272	2045	ALT2	WB	PM	Mainline	1.12	1.39	20.70	8.77	12443	9631	0.3689	0.3396	0.0319	0.0012	0.0408	0.0898	0.0060	0.0026	0.0018	0.3445	0.5013
273	2045	ALT2	WB	PM	Mainline	1.14	1.41	20.93	8.64	12460	9601	0.3656	0.3366	0.0324	0.0012	0.0398	0.0880	0.0062	0.0026	0.0018	0.3405	0.4847
274	2045	ALT2	WB	PM	Mainline	1.29	1.60	23.58	10.05	14248	11029	0.4295	0.3954	0.0367	0.0014	0.0465	0.1024	0.0069	0.0030	0.0021	0.4016	0.5693
275	2045	ALT2	WB	PM	Mainline	2.43	3.01	44.85	17.98	26409	20250	0.7637	0.7030	0.0697	0.0027	0.0818	0.1823	0.0134	0.0057	0.0037	0.7089	0.9889
276	2045	ALT2	WB	PM	Mainline	0.68	0.84	12.73	4.69	7232	5476	0.1954	0.1799	0.0196	0.0008	0.0210	0.0474	0.0039	0.0016	0.0010	0.1793	0.2485
277	2045	ALT2	WB	PM	Mainline	1.48	1.84	27.51	10.76	16021	12242	0.4534	0.4174	0.0426	0.0017	0.0488	0.1091	0.0082	0.0035	0.0022	0.4195	0.5873
278	2045	ALT2	WB	PM	Mainline	0.75	0.92	13.52	5.84	8233	6383	0.2527	0.2326	0.0212	0.0008	0.0269	0.0593	0.0040	0.0017	0.0012	0.2367	0.3301
279	2045	ALT2	WB	PM	Mainline	1.46	1.80	26.85	11.28	16094	12438	0.4766	0.4387	0.0415	0.0016	0.0523	0.1153	0.0078	0.0034	0.0023	0.4447	0.6398
280	2045	ALT2	WB	PM	Mainline	1.59	1.97	29.68	11.87	17393	13347	0.4946	0.4553	0.0455	0.0017	0.0545	0.1211	0.0087	0.0037	0.0024	0.4587	0.6621
281	2045	ALT2	WB	PM	Mainline	1.16	1.44	22.19	8.27	12582	9560	0.3356	0.3089	0.0334	0.0013	0.0376	0.0843	0.0065	0.0028	0.0017	0.3081	0.4508
282	2045	ALT2	WB	PM	Mainline	1.70	2.10	31.97	12.45	18506	14149	0.5139	0.4731	0.0487	0.0019	0.0570	0.1271	0.0093	0.0040	0.0025	0.4749	0.6892
283	2045	ALT2	WB	PM	Mainline	1.58	1.96	29.96	11.40	17155	13073	0.4663	0.4293	0.0453	0.0018	0.0520	0.1163	0.0088	0.0038	0.0023	0.4295	0.6263
284	2045	ALT2	WB	PM	Mainline	1.94	2.42	37.50	13.69	21066	15961	0.5511	0.5074	0.0562	0.0022	0.0620	0.1396	0.0109	0.0047	0.0027	0.5045	0.7415
285	2045	ALT2	WB	PM	Mainline	1.39	1.73	26.22	10.21	15175	11601	0.4211	0.3877	0.0399	0.0015	0.0467	0.1042	0.0077	0.0033	0.0021	0.3891	0.5649
286	2045	ALT2	WB	PM	Mainline	1.13	1.40	20.98	8.68	12484	9626	0.3645	0.3356	0.0323	0.0012	0.0401	0.0887	0.0061	0.0026	0.0018	0.3395	0.4903
287	2045	ALT2	WB	PM	Mainline	2.05	2.53	37.34	16.25	22766	17681	0.6938	0.6387	0.0581	0.0021	0.0757	0.1662	0.0109	0.0047	0.0033	0.6501	0.9320

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
288	2045	ALT2	WB	PM	Mainline	0.23	0.29	4.46	1.63	2520	1908	0.0669	0.0616	0.0068	0.0003	0.0073	0.0166	0.0013	0.0006	0.0003	0.0613	0.0873
289	2045	ALT2	WB	PM	Mainline	2.46	3.06	47.03	17.63	26751	20343	0.7179	0.6610	0.0710	0.0028	0.0802	0.1798	0.0138	0.0060	0.0036	0.6599	0.9628
290	2045	ALT2	WB	PM	Ramp	0.04	0.06	1.38	0.17	479	320	0.0031	0.0029	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0011	0.0045
291	2045	ALT2	WB	PM	Ramp	0.03	0.04	1.01	0.13	373	250	0.0027	0.0025	0.0010	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0010	0.0047
292	2045	ALT2	WB	PM	Ramp	0.01	0.01	0.32	0.04	116	78	0.0008	0.0008	0.0003	0.0000	0.0002	0.0004	0.0001	0.0000	0.0000	0.0004	0.0015
293	2045	ALT2	WB	PM	Ramp	0.11	0.16	2.40	0.35	1103	743	0.0094	0.0087	0.0036	0.0002	0.0022	0.0056	0.0008	0.0006	0.0001	0.0028	0.0235
294	2045	ALT2	WB	PM	Ramp	0.04	0.05	1.03	0.15	399	272	0.0032	0.0030	0.0011	0.0001	0.0007	0.0018	0.0002	0.0002	0.0000	0.0014	0.0073
295	2045	ALT2	WB	PM	Ramp	0.08	0.12	1.83	0.26	828	556	0.0069	0.0064	0.0027	0.0001	0.0015	0.0039	0.0006	0.0004	0.0001	0.0019	0.0154
296	2045	ALT2	WB	PM	Ramp	0.02	0.03	0.42	0.08	198	138	0.0020	0.0018	0.0006	0.0000	0.0005	0.0013	0.0001	0.0001	0.0000	0.0010	0.0062
297	2045	ALT2	WB	PM	Ramp	0.39	0.51	8.40	2.42	4026	2984	0.0532	0.0491	0.0112	0.0004	0.0160	0.0347	0.0020	0.0012	0.0003	0.0403	0.2015
298	2045	ALT2	WB	PM	Ramp	0.00	0.00	0.10	0.01	36	24	0.0003	0.0002	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0005
299	2045	ALT2	WB	PM	Ramp	0.02	0.02	0.50	0.07	180	122	0.0014	0.0013	0.0005	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0007	0.0028
300	2045	ALT2	WB	PM	Ramp	0.21	0.29	6.65	0.88	2439	1638	0.0175	0.0162	0.0067	0.0003	0.0033	0.0089	0.0014	0.0010	0.0002	0.0064	0.0309
301	2045	ALT2	WB	PM	Ramp	0.09	0.12	2.31	0.40	956	662	0.0088	0.0081	0.0027	0.0001	0.0021	0.0051	0.0006	0.0004	0.0001	0.0045	0.0241
302	2045	ALT2	WB	PM	Ramp	0.01	0.01	0.31	0.04	112	76	0.0009	0.0008	0.0003	0.0000	0.0002	0.0005	0.0001	0.0000	0.0000	0.0004	0.0018
303	2045	ALT2	WB	PM	Ramp	0.03	0.05	0.87	0.17	364	257	0.0037	0.0034	0.0010	0.0000	0.0010	0.0022	0.0002	0.0001	0.0000	0.0022	0.0113
304	2045	ALT2	WB	PM	Ramp	0.03	0.04	0.85	0.12	311	210	0.0023	0.0021	0.0009	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0009	0.0043
305	2045	ALT2	WB	PM	Ramp	0.05	0.07	1.32	0.25	548	384	0.0053	0.0049	0.0015	0.0001	0.0014	0.0032	0.0003	0.0002	0.0000	0.0031	0.0158
306	2045	ALT2	WB	PM	Ramp	0.02	0.03	0.65	0.08	241	160	0.0016	0.0015	0.0007	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0005	0.0024
307	2045	ALT2	WB	PM	Ramp	0.08	0.11	1.59	0.24	755	510	0.0066	0.0061	0.0025	0.0001	0.0017	0.0043	0.0005	0.0004	0.0001	0.0020	0.0189
308	2045	ALT2	WB	PM	Ramp	0.04	0.06	1.15	0.21	483	337	0.0046	0.0043	0.0014	0.0001	0.0012	0.0028	0.0003	0.0002	0.0000	0.0025	0.0135
309	2045	ALT2	WB	PM	Ramp	0.04	0.06	0.83	0.18	409	288	0.0043	0.0040	0.0014	0.0001	0.0014	0.0033	0.0003	0.0002	0.0000	0.0022	0.0175
310	2045	ALT2	WB	PM	Ramp	0.23	0.29	6.00	1.41	2565	1857	0.0349	0.0322	0.0067	0.0003	0.0069	0.0158	0.0013	0.0007	0.0002	0.0275	0.0829
311	2045	ALT2	WB	PM	Ramp	0.08	0.11	1.69	0.31	796	550	0.0076	0.0070	0.0026	0.0001	0.0021	0.0050	0.0005	0.0004	0.0001	0.0033	0.0246
312	2045	ALT2	WB	PM	Ramp	0.02	0.02	0.41	0.07	172	119	0.0015	0.0014	0.0005	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0007	0.0041
313	2045	ALT2	WB	PM	Ramp	0.19	0.26	5.63	0.98	2175	1514	0.0203	0.0187	0.0059	0.0003	0.0047	0.0112	0.0012	0.0007	0.0002	0.0120	0.0526
314	2045	ALT2	WB	PM	Ramp	0.05	0.07	1.55	0.17	568	374	0.0036	0.0033	0.0016	0.0001	0.0005	0.0016	0.0004	0.0003	0.0000	0.0007	0.0035
315	2045	ALT2	WB	PM	Ramp	0.07	0.10	1.61	0.24	711	481	0.0061	0.0056	0.0022	0.0001	0.0013	0.0033	0.0005	0.0004	0.0001	0.0021	0.0130
316	2045	ALT2	WB	PM	Ramp	0.02	0.03	0.64	0.11	256	177	0.0023	0.0021	0.0007	0.0000	0.0005	0.0013	0.0001	0.0001	0.0000	0.0011	0.0058
317	2045	ALT2	WB	PM	Ramp	0.06	0.09	1.29	0.24	606	419	0.0058	0.0054	0.0019	0.0001	0.0016	0.0037	0.0004	0.0003	0.0001	0.0026	0.0179
318	2045	ALT2	WB	PM	Ramp	0.02	0.02	0.53	0.06	191	126	0.0012	0.0011	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0003	0.0014
319	2045	ALT2	WB	PM	Ramp	0.06	0.09	1.42	0.22	631	427	0.0054	0.0050	0.0019	0.0001	0.0011	0.0029	0.0004	0.0003	0.0001	0.0019	0.0119
320	2045	ALT2	WB	PM	Ramp	0.03	0.05	0.96	0.14	371	251	0.0029	0.0027	0.0010	0.0001	0.0006	0.0015	0.0002	0.0002	0.0000	0.0011	0.0058
321	2045	ALT2	WB	PM	Ramp	0.08	0.12	1.87	0.28	840	568	0.0072	0.0066	0.0026	0.0001	0.0016	0.0041	0.0006	0.0004	0.0001	0.0024	0.0167
322	2045	ALT2	WB	PM	Ramp	0.03	0.05	0.90	0.15	369	254	0.0032	0.0030	0.0011	0.0000	0.0008	0.0018	0.0002	0.0002	0.0000	0.0015	0.0083
323	2045	ALT2	WB	PM	Ramp	0.10	0.13	2.65	0.50	1085	761	0.0106	0.0098	0.0030	0.0001	0.0027	0.0063	0.0006	0.0004	0.0001	0.0062	0.0311
324	2045	ALT2	WB	PM	Ramp	0.02	0.03	0.65	0.10	249	169	0.0020	0.0018	0.0007	0.0000	0.0004	0.0011	0.0001	0.0001	0.0000	0.0009	0.0044
325	2045	ALT2	WB	PM	Ramp	0.14	0.20	3.03	0.59	1424	990	0.0141	0.0130	0.0044	0.0002	0.0038	0.0089	0.0009	0.0007	0.0001	0.0068	0.0437
326	2045	ALT2	WB	PM	Ramp	0.06	0.09	1.93	0.26	734	492	0.0054	0.0050	0.0021	0.0001	0.0010	0.0027	0.0004	0.0003	0.0001	0.0018	0.0094
327	2045	ALT2	WB	PM	Ramp	0.14	0.19	2.57	0.54	1260	884	0.0131	0.0121	0.0041	0.0002	0.0042	0.0096	0.0008	0.0006	0.0001	0.0066	0.0506
328	2045	ALT2	WB	PM	Ramp	0.03	0.04	0.82	0.11	304	204	0.0022	0.0020	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0008	0.0039
329	2045	ALT2	WB	PM	Ramp	0.05	0.08	1.28	0.20	574	391	0.0051	0.0047	0.0018	0.0001	0.0011	0.0028	0.0004	0.0003	0.0000	0.0019	0.0118
330	2045	ALT2	WB	PM	Ramp	0.02	0.03	0.60	0.09	230	156	0.0019	0.0017	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0008	0.0042
331	2045	ALT2	WB	PM	Ramp	0.08	0.10	2.06	0.38	835	584	0.0080	0.0074	0.0023	0.0001	0.0020	0.0047	0.0005	0.0003	0.0001	0.0047	0.0233
332	2045	ALT2	WB	PM	Ramp	0.03	0.05	0.99	0.18	389	273	0.0038	0.0036	0.0010	0.0000	0.0009	0.0021	0.0002	0.0001	0.0000	0.0024	0.0104
333	2045	ALT2	WB	PM	Ramp	0.08	0.11	2.02	0.46	880	632	0.0099	0.0091	0.0024	0.0001	0.0027	0.0061	0.0005	0.0003	0.0001	0.0066	0.0331
334	2045	ALT2	WB	PM	Ramp	0.04	0.05	1.17	0.22	462	324	0.0045	0.0042	0.0012	0.0001	0.0011	0.0025	0.0003	0.0002	0.0000	0.0028	0.0123
335	2045	ALT2	WB	PM	Ramp	0.14	0.18	3.20	0.82	1468	1071	0.0179	0.0166	0.0041	0.0002	0.0052	0.0115	0.0008	0.0005	0.0001	0.0129	0.0648

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
336	2045	ALT2	WB	PM	Ramp	0.11	0.14	2.76	0.59	1158	827	0.0127	0.0117	0.0032	0.0001	0.0033	0.0075	0.0006	0.0004	0.0001	0.0086	0.0396
337	2045	ALT2	WB	PM	Ramp	0.05	0.06	0.87	0.35	484	377	0.0082	0.0076	0.0013	0.0000	0.0025	0.0052	0.0002	0.0001	0.0000	0.0071	0.0320
338	2045	ALT2	WB	PM	Ramp	0.03	0.03	0.69	0.13	279	194	0.0026	0.0024	0.0008	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0015	0.0073
339	2045	ALT2	WB	PM	Ramp	0.16	0.21	4.51	0.96	1871	1333	0.0240	0.0222	0.0049	0.0002	0.0042	0.0099	0.0010	0.0005	0.0001	0.0184	0.0479
340	2045	ALT2	WB	PM	Ramp	0.68	0.87	13.60	4.71	7003	5340	0.1086	0.1000	0.0189	0.0006	0.0319	0.0679	0.0032	0.0017	0.0006	0.0902	0.4097
341	2045	ALT2	WB	PM	Ramp	0.51	0.69	13.56	2.73	5609	3969	0.0579	0.0534	0.0154	0.0006	0.0149	0.0344	0.0030	0.0019	0.0004	0.0367	0.1770
342	2045	ALT2	WB	PM	Ramp	0.05	0.06	0.97	0.28	465	344	0.0061	0.0056	0.0013	0.0000	0.0018	0.0040	0.0002	0.0001	0.0000	0.0046	0.0233
343	2045	ALT2	WB	PM	Ramp	0.12	0.15	1.60	0.52	901	666	0.0117	0.0108	0.0033	0.0001	0.0054	0.0116	0.0006	0.0003	0.0001	0.0079	0.0700
344	2045	ALT2	WB	PM	Ramp	0.04	0.05	0.88	0.25	423	314	0.0056	0.0051	0.0012	0.0000	0.0017	0.0036	0.0002	0.0001	0.0000	0.0042	0.0212
345	2045	ALT2	WB	PM	Ramp	0.03	0.04	0.43	0.12	230	168	0.0028	0.0026	0.0008	0.0000	0.0011	0.0023	0.0001	0.0001	0.0000	0.0018	0.0135
346	2045	ALT2	WB	PM	Ramp	0.07	0.10	1.22	0.31	631	453	0.0073	0.0067	0.0021	0.0001	0.0027	0.0060	0.0004	0.0003	0.0001	0.0043	0.0336
347	2045	ALT2	WB	PM	Ramp	0.04	0.05	0.93	0.17	392	274	0.0038	0.0035	0.0011	0.0000	0.0010	0.0023	0.0002	0.0002	0.0000	0.0021	0.0111
348	2045	ALT2	WB	PM	Ramp	0.31	0.41	7.78	1.86	3391	2459	0.0408	0.0376	0.0092	0.0003	0.0109	0.0243	0.0017	0.0010	0.0003	0.0295	0.1337
349	2045	ALT2	WB	PM	Ramp	0.10	0.13	2.57	0.45	1050	728	0.0096	0.0089	0.0030	0.0001	0.0023	0.0056	0.0006	0.0004	0.0001	0.0051	0.0264
350	2045	ALT2	WB	PM	Ramp	0.08	0.10	2.46	0.34	885	599	0.0066	0.0061	0.0024	0.0001	0.0013	0.0034	0.0005	0.0003	0.0001	0.0029	0.0127
351	2045	ALT2	WB	PM	Ramp	0.05	0.07	0.78	0.29	454	342	0.0064	0.0059	0.0015	0.0000	0.0026	0.0056	0.0003	0.0002	0.0000	0.0047	0.0338
352	2045	ALT2	WB	PM	Ramp	0.05	0.07	1.07	0.20	501	347	0.0049	0.0045	0.0015	0.0001	0.0013	0.0030	0.0003	0.0002	0.0000	0.0023	0.0145
353	2045	ALT2	WB	PM	Ramp	0.07	0.10	2.15	0.32	823	560	0.0066	0.0061	0.0023	0.0001	0.0014	0.0035	0.0005	0.0003	0.0001	0.0029	0.0145
354	2045	ALT2	WB	PM	Ramp	0.17	0.24	3.67	0.63	1690	1158	0.0156	0.0144	0.0053	0.0002	0.0039	0.0096	0.0011	0.0008	0.0001	0.0063	0.0441
355	2045	ALT2	WB	PM	Ramp	0.05	0.07	1.49	0.22	587	399	0.0047	0.0044	0.0017	0.0001	0.0010	0.0025	0.0004	0.0002	0.0000	0.0019	0.0103
356	2045	ALT2	WB	PM	Ramp	0.05	0.08	1.16	0.21	538	370	0.0051	0.0047	0.0017	0.0001	0.0013	0.0032	0.0003	0.0003	0.0000	0.0022	0.0151
357	2045	ALT2	WB	PM	Ramp	0.14	0.20	3.13	0.47	1424	961	0.0122	0.0113	0.0046	0.0002	0.0028	0.0071	0.0010	0.0007	0.0001	0.0038	0.0296
358	2045	ALT2	WB	PM	Ramp	0.06	0.09	1.65	0.26	688	469	0.0058	0.0054	0.0020	0.0001	0.0012	0.0032	0.0004	0.0003	0.0001	0.0024	0.0133
359	2045	ALT2	WB	PM	Ramp	0.09	0.13	1.96	0.30	903	611	0.0078	0.0072	0.0029	0.0001	0.0019	0.0048	0.0006	0.0005	0.0001	0.0026	0.0206
360	2045	ALT2	WB	PM	Ramp	0.04	0.05	0.99	0.17	404	279	0.0036	0.0033	0.0012	0.0001	0.0009	0.0021	0.0002	0.0002	0.0000	0.0018	0.0095
361	2045	ALT2	WB	PM	Ramp	0.06	0.08	1.15	0.19	540	368	0.0049	0.0045	0.0018	0.0001	0.0013	0.0032	0.0004	0.0003	0.0000	0.0018	0.0147
362	2045	ALT2	WB	PM	Ramp	0.04	0.05	1.02	0.18	420	292	0.0039	0.0036	0.0012	0.0001	0.0010	0.0023	0.0002	0.0002	0.0000	0.0021	0.0109
363	2045	ALT2	WB	PM	Ramp	0.10	0.15	2.37	0.35	1068	720	0.0090	0.0084	0.0034	0.0002	0.0020	0.0051	0.0007	0.0005	0.0001	0.0028	0.0209
364	2045	ALT2	WB	PM	HOV																	
365	2045	ALT2	WB	PM	HOV																	
366	2045	ALT2	WB	PM	HOV	0.19	0.25	4.81	0.56	1843	1198	0.0079	0.0073	0.0060	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0008	0.0014
367	2045	ALT2	WB	PM	HOV	0.28	0.37	7.23	0.84	2770	1801	0.0118	0.0110	0.0091	0.0005	0.0018	0.0070	0.0021	0.0009	0.0001	0.0011	0.0021
368	2045	ALT2	WB	PM	HOV	0.14	0.19	3.66	0.43	1403	912	0.0060	0.0056	0.0046	0.0002	0.0009	0.0035	0.0011	0.0005	0.0001	0.0006	0.0011
369	2045	ALT2	WB	PM	HOV	0.14	0.18	3.47	0.41	1330	865	0.0057	0.0053	0.0044	0.0002	0.0009	0.0033	0.0010	0.0005	0.0001	0.0005	0.0010
370	2045	ALT2	WB	PM	HOV	0.15	0.19	3.77	0.44	1440	936	0.0061	0.0057	0.0047	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0011
371	2045	ALT2	WB	PM	HOV	0.07	0.09	1.74	0.20	663	431	0.0028	0.0026	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
372	2045	ALT2	WB	PM	HOV	0.10	0.14	2.68	0.31	1025	666	0.0044	0.0041	0.0033	0.0002	0.0007	0.0026	0.0008	0.0003	0.0001	0.0004	0.0008
373	2045	ALT2	WB	PM	HOV	0.07	0.09	1.76	0.20	671	436	0.0029	0.0027	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
374	2045	ALT2	WB	PM	HOV	0.31	0.40	7.88	0.92	3009	1956	0.0128	0.0119	0.0098	0.0005	0.0019	0.0075	0.0023	0.0010	0.0001	0.0012	0.0023
375	2045	ALT2	WB	PM	HOV	0.10	0.13	2.63	0.31	1004	652	0.0043	0.0040	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0008
376	2045	ALT2	WB	PM	HOV	0.05	0.06	1.22	0.14	468	304	0.0020	0.0019	0.0015	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
377	2045	ALT2	WB	PM	HOV	0.34	0.44	8.67	1.01	3313	2154	0.0141	0.0131	0.0108	0.0006	0.0021	0.0083	0.0025	0.0011	0.0002	0.0014	0.0025
378	2045	ALT2	WB	PM	HOV	0.08	0.10	1.94	0.23	740	481	0.0032	0.0029	0.0024	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0006
379	2045	ALT2	WB	PM	HOV	0.10	0.14	2.78	0.32	1042	678	0.0044	0.0041	0.0033	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0008
380	2045	ALT2	WB	PM	HOV	0.10	0.13	2.58	0.30	968	630	0.0041	0.0038	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0008
381	2045	ALT2	WB	PM	HOV	0.35	0.46	9.46	1.10	3548	2306	0.0151	0.0140	0.0113	0.0006	0.0022	0.0087	0.0026	0.0012	0.0002	0.0014	0.0028
382	2045	ALT2	WB	PM	HOV	0.05	0.07	1.39	0.16	522	339	0.0022	0.0021	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0004
383	2045	ALT2	WB	PM	HOV	0.22	0.29	5.94	0.69	2228	1449	0.0095	0.0088	0.0071	0.0004	0.0014	0.0055	0.0016	0.0008	0.0001	0.0009	0.0017

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
384	2045	ALT2	WB	PM	HOV	0.13	0.17	3.52	0.41	1320	858	0.0056	0.0052	0.0042	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0010
385	2045	ALT2	WB	PM	HOV	0.33	0.43	8.77	1.02	3290	2139	0.0140	0.0130	0.0105	0.0006	0.0021	0.0081	0.0024	0.0011	0.0002	0.0013	0.0026
386	2045	ALT2	WB	PM	HOV	0.10	0.13	2.61	0.30	980	637	0.0042	0.0039	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0008
387	2045	ALT2	WB	PM	HOV	0.09	0.11	2.29	0.26	857	557	0.0037	0.0034	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0007
388	2045	ALT2	WB	PM	HOV	0.09	0.11	2.31	0.27	868	564	0.0037	0.0034	0.0028	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0004	0.0007
389	2045	ALT2	WB	PM	HOV	0.34	0.44	9.07	1.05	3402	2212	0.0145	0.0135	0.0109	0.0006	0.0021	0.0083	0.0025	0.0012	0.0002	0.0014	0.0026
390	2045	ALT2	WB	PM	HOV	0.02	0.02	0.49	0.06	186	121	0.0008	0.0007	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0001
391	2045	ALT2	WB	PM	HOV	0.25	0.33	6.51	0.76	2479	1611	0.0106	0.0098	0.0081	0.0004	0.0016	0.0062	0.0019	0.0008	0.0001	0.0010	0.0019
392	2045	ALT2	WB	PM	HOV	0.04	0.05	0.93	0.11	353	229	0.0015	0.0014	0.0011	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
393	2045	ALT2	WB	PM	HOV	0.24	0.31	6.14	0.71	2337	1520	0.0100	0.0093	0.0076	0.0004	0.0015	0.0058	0.0017	0.0008	0.0001	0.0010	0.0018
394	2045	ALT2	WB	PM	HOV	0.17	0.22	4.38	0.51	1667	1084	0.0071	0.0066	0.0054	0.0003	0.0011	0.0042	0.0012	0.0006	0.0001	0.0007	0.0013
395	2045	ALT2	WB	PM	HOV	0.24	0.31	6.25	0.73	2379	1547	0.0102	0.0094	0.0077	0.0004	0.0015	0.0059	0.0018	0.0008	0.0001	0.0010	0.0018
396	2045	ALT2	WB	PM	HOV	0.07	0.09	1.79	0.21	682	443	0.0029	0.0027	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
397	2045	ALT2	WB	PM	HOV	0.24	0.31	6.20	0.72	2361	1535	0.0101	0.0093	0.0077	0.0004	0.0015	0.0059	0.0018	0.0008	0.0001	0.0010	0.0018
398	2045	ALT2	WB	PM	HOV	0.35	0.45	8.96	1.04	3411	2218	0.0146	0.0135	0.0111	0.0006	0.0022	0.0085	0.0025	0.0012	0.0002	0.0014	0.0026
399	2045	ALT2	WB	PM	HOV	0.29	0.38	7.63	0.89	2906	1890	0.0124	0.0115	0.0095	0.0005	0.0019	0.0072	0.0022	0.0010	0.0001	0.0012	0.0022
400	2045	ALT2	WB	PM	HOV	0.21	0.28	5.50	0.64	2096	1363	0.0089	0.0083	0.0068	0.0004	0.0013	0.0052	0.0016	0.0007	0.0001	0.0009	0.0016
401	2045	ALT2	WB	PM	HOV	0.15	0.20	3.94	0.46	1501	976	0.0064	0.0059	0.0049	0.0003	0.0010	0.0037	0.0011	0.0005	0.0001	0.0006	0.0011
402	2045	ALT2	WB	PM	HOV	0.15	0.19	3.80	0.44	1447	941	0.0062	0.0057	0.0047	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0011
403	2045	ALT2	WB	PM	HOV	0.29	0.38	7.67	0.89	2906	1889	0.0124	0.0115	0.0094	0.0005	0.0019	0.0072	0.0022	0.0010	0.0001	0.0012	0.0022
404	2045	ALT2	WB	PM	HOV	0.17	0.22	4.33	0.50	1642	1067	0.0070	0.0065	0.0053	0.0003	0.0010	0.0041	0.0012	0.0006	0.0001	0.0007	0.0013
405	2045	ALT2	WB	PM	HOV	0.23	0.30	5.99	0.70	2270	1476	0.0097	0.0090	0.0073	0.0004	0.0015	0.0056	0.0017	0.0008	0.0001	0.0009	0.0017
406	2045	ALT2	WB	PM	HOV	0.18	0.23	4.65	0.54	1761	1145	0.0075	0.0070	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0014
407	2045	ALT2	WB	PM	HOV	0.27	0.35	7.01	0.81	2655	1726	0.0113	0.0105	0.0086	0.0005	0.0017	0.0066	0.0020	0.0009	0.0001	0.0011	0.0020
408	2045	ALT2	WB	PM	HOV	0.17	0.22	4.38	0.51	1661	1080	0.0071	0.0066	0.0054	0.0003	0.0011	0.0041	0.0012	0.0006	0.0001	0.0007	0.0013
409	2045	ALT2	WB	PM	HOV	0.23	0.31	6.12	0.71	2319	1507	0.0099	0.0092	0.0075	0.0004	0.0015	0.0058	0.0017	0.0008	0.0001	0.0009	0.0018
410	2045	ALT2	WB	PM	HOV	0.47	0.61	11.98	1.40	4596	2988	0.0196	0.0182	0.0151	0.0008	0.0030	0.0116	0.0035	0.0016	0.0002	0.0019	0.0035
411	2045	ALT2	WB	PM	HOV	0.25	0.33	6.42	0.75	2462	1601	0.0105	0.0097	0.0081	0.0004	0.0016	0.0062	0.0019	0.0008	0.0001	0.0010	0.0019
412	2045	ALT2	WB	PM	HOV	0.10	0.13	2.46	0.29	944	614	0.0040	0.0037	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0007
413	2045	ALT2	WB	PM	HOV	0.05	0.06	1.26	0.15	483	314	0.0021	0.0019	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
414	2045	ALT2	WB	PM	HOV	0.21	0.27	5.36	0.63	2056	1337	0.0088	0.0081	0.0067	0.0004	0.0013	0.0052	0.0016	0.0007	0.0001	0.0008	0.0016
415	2045	ALT2	WB	PM	HOV	0.05	0.06	1.26	0.15	482	313	0.0021	0.0019	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
416	2045	ALT2	WB	PM	HOV	0.01	0.01	0.20	0.02	75	49	0.0003	0.0003	0.0002	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
417	2045	ALT2	WB	PM	HOV	0.22	0.28	5.48	0.64	2104	1368	0.0090	0.0083	0.0069	0.0004	0.0014	0.0053	0.0016	0.0007	0.0001	0.0009	0.0016
418	2045	ALT2	WB	PM	HOV	0.09	0.12	2.36	0.28	905	589	0.0039	0.0036	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
419	2045	ALT2	WB	PM	HOV	0.15	0.20	3.88	0.45	1491	969	0.0064	0.0059	0.0049	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0011
420	2045	ALT2	WB	PM	HOV	0.19	0.25	4.94	0.58	1892	1230	0.0081	0.0075	0.0062	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0014
421	2045	ALT2	WB	PM	HOV	0.18	0.24	4.68	0.55	1792	1165	0.0077	0.0071	0.0059	0.0003	0.0012	0.0045	0.0013	0.0006	0.0001	0.0007	0.0014
422	2045	ALT2	WB	PM	HOV	0.22	0.28	5.56	0.65	2127	1383	0.0091	0.0084	0.0070	0.0004	0.0014	0.0053	0.0016	0.0007	0.0001	0.0009	0.0016
423	2045	ALT2	WB	PM	HOV	0.42	0.55	10.71	1.25	4100	2666	0.0175	0.0162	0.0134	0.0007	0.0027	0.0103	0.0031	0.0014	0.0002	0.0017	0.0031
424	2045	ALT2	WB	PM	HOV	0.10	0.13	2.62	0.31	1003	652	0.0043	0.0040	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0008
425	2045	ALT2	WB	PM	HOV	0.24	0.32	6.19	0.72	2370	1541	0.0101	0.0094	0.0077	0.0004	0.0015	0.0059	0.0018	0.0008	0.0001	0.0010	0.0018
426	2045	ALT2	WB	PM	HOV	0.13	0.17	3.26	0.38	1247	811	0.0053	0.0049	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0009
427	2045	ALT2	WB	PM	HOV	0.24	0.32	6.23	0.73	2385	1550	0.0102	0.0094	0.0078	0.0004	0.0015	0.0060	0.0018	0.0008	0.0001	0.0010	0.0018
428	2045	ALT2	WB	PM	HOV	0.26	0.34	6.65	0.78	2546	1656	0.0109	0.0101	0.0083	0.0004	0.0016	0.0064	0.0019	0.0009	0.0001	0.0010	0.0019
429	2045	ALT2	WB	PM	HOV	0.17	0.23	4.44	0.52	1697	1104	0.0072	0.0067	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0013
430	2045	ALT2	WB	PM	HOV	0.11	0.14	2.52	0.29	997	648	0.0043	0.0040	0.0034	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0007
431	2045	ALT2	WB	PM	HOV	0.10	0.12	2.27	0.26	899	584	0.0038	0.0036	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0006

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
432	2045	ALT2	WB	PM	HOV	0.11	0.15	2.67	0.31	1058	688	0.0045	0.0042	0.0036	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0004	0.0008
433	2045	ALT2	WB	PM	HOV	0.19	0.25	5.25	0.60	1944	1264	0.0083	0.0077	0.0061	0.0003	0.0012	0.0047	0.0014	0.0007	0.0001	0.0008	0.0015
434	2045	ALT2	WB	PM	HOV	0.16	0.21	4.41	0.51	1634	1063	0.0070	0.0065	0.0051	0.0003	0.0010	0.0039	0.0012	0.0006	0.0001	0.0007	0.0013
435	2045	ALT2	WB	PM	HOV	0.31	0.40	8.46	0.98	3137	2039	0.0134	0.0124	0.0099	0.0005	0.0020	0.0076	0.0023	0.0011	0.0002	0.0013	0.0025
436	2045	ALT2	WB	PM	HOV	0.03	0.04	0.81	0.09	301	195	0.0013	0.0012	0.0009	0.0001	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
437	2045	ALT2	WB	PM	HOV	0.33	0.43	9.00	1.04	3336	2169	0.0142	0.0132	0.0105	0.0006	0.0021	0.0081	0.0024	0.0011	0.0002	0.0013	0.0026
216	2045	ALT2	WB	NT	Mainline	1.06	1.34	22.56	5.69	10934	7856	0.1972	0.1816	0.0320	0.0015	0.0232	0.0565	0.0067	0.0029	0.0011	0.1664	0.2490
217	2045	ALT2	WB	NT	Mainline	1.89	2.40	40.38	10.64	19785	14311	0.3718	0.3425	0.0568	0.0025	0.0441	0.1059	0.0118	0.0052	0.0020	0.3177	0.4840
218	2045	ALT2	WB	NT	Mainline	1.34	1.70	28.59	7.17	13834	9930	0.2478	0.2283	0.0406	0.0019	0.0291	0.0711	0.0085	0.0037	0.0014	0.2087	0.3113
219	2045	ALT2	WB	NT	Mainline	1.81	2.29	40.47	10.35	19290	13927	0.3419	0.3150	0.0541	0.0024	0.0432	0.1030	0.0112	0.0051	0.0019	0.2887	0.4777
220	2045	ALT2	WB	NT	Mainline	1.06	1.35	23.41	5.68	11063	7913	0.1875	0.1728	0.0320	0.0015	0.0229	0.0558	0.0067	0.0030	0.0011	0.1559	0.2440
221	2045	ALT2	WB	NT	Mainline	0.91	1.16	20.69	5.14	9737	7004	0.1666	0.1535	0.0274	0.0012	0.0212	0.0510	0.0057	0.0026	0.0009	0.1393	0.2333
222	2045	ALT2	WB	NT	Mainline	1.09	1.39	24.59	5.75	11414	8127	0.1838	0.1694	0.0330	0.0015	0.0229	0.0562	0.0069	0.0031	0.0011	0.1506	0.2416
223	2045	ALT2	WB	NT	Mainline	0.53	0.67	12.20	2.77	5563	3949	0.0858	0.0790	0.0160	0.0007	0.0110	0.0271	0.0034	0.0015	0.0005	0.0694	0.1157
224	2045	ALT2	WB	NT	Mainline	0.54	0.70	12.39	2.42	5492	3809	0.0706	0.0651	0.0168	0.0008	0.0088	0.0232	0.0037	0.0016	0.0004	0.0531	0.0814
225	2045	ALT2	WB	NT	Mainline	0.35	0.45	7.87	1.55	3505	2433	0.0458	0.0422	0.0107	0.0005	0.0056	0.0149	0.0023	0.0010	0.0003	0.0346	0.0527
226	2045	ALT2	WB	NT	Mainline	1.61	2.05	34.91	6.88	15798	10962	0.2106	0.1941	0.0496	0.0024	0.0253	0.0673	0.0108	0.0046	0.0013	0.1601	0.2315
227	2045	ALT2	WB	NT	Mainline	0.66	0.84	14.30	2.66	6381	4395	0.0785	0.0723	0.0203	0.0010	0.0095	0.0260	0.0045	0.0019	0.0005	0.0576	0.0829
228	2045	ALT2	WB	NT	Mainline	0.39	0.50	8.63	1.52	3785	2589	0.0427	0.0394	0.0121	0.0006	0.0053	0.0147	0.0027	0.0012	0.0003	0.0300	0.0437
229	2045	ALT2	WB	NT	Mainline	2.38	3.06	56.39	10.18	24141	16573	0.2724	0.2512	0.0738	0.0037	0.0348	0.0949	0.0162	0.0073	0.0018	0.1927	0.3067
230	2045	ALT2	WB	NT	Mainline	0.66	0.86	16.41	2.76	6805	4634	0.0682	0.0629	0.0207	0.0010	0.0090	0.0252	0.0046	0.0021	0.0005	0.0451	0.0753
231	2045	ALT2	WB	NT	Mainline	0.66	0.86	17.32	2.93	7043	4812	0.0709	0.0654	0.0207	0.0010	0.0097	0.0266	0.0045	0.0021	0.0005	0.0473	0.0861
232	2045	ALT2	WB	NT	Mainline	0.69	0.89	16.62	2.94	7060	4834	0.0770	0.0710	0.0216	0.0011	0.0099	0.0273	0.0047	0.0021	0.0005	0.0535	0.0857
233	2045	ALT2	WB	NT	Mainline	2.02	2.66	59.31	10.02	22939	15790	0.2277	0.2101	0.0629	0.0030	0.0358	0.0926	0.0135	0.0069	0.0016	0.1515	0.3540
234	2045	ALT2	WB	NT	Mainline	0.34	0.44	9.33	1.58	3717	2547	0.0373	0.0344	0.0106	0.0005	0.0054	0.0144	0.0023	0.0011	0.0003	0.0249	0.0500
235	2045	ALT2	WB	NT	Mainline	1.29	1.70	38.73	6.38	14755	10134	0.1405	0.1296	0.0402	0.0019	0.0227	0.0590	0.0086	0.0045	0.0010	0.0906	0.2246
236	2045	ALT2	WB	NT	Mainline	0.93	1.24	29.60	4.52	10793	7359	0.0907	0.0837	0.0290	0.0014	0.0158	0.0414	0.0062	0.0035	0.0007	0.0521	0.1543
237	2045	ALT2	WB	NT	Mainline	1.66	2.15	42.24	7.28	17391	11900	0.1806	0.1666	0.0516	0.0026	0.0244	0.0665	0.0113	0.0053	0.0012	0.1225	0.2167
238	2045	ALT2	WB	NT	Mainline	0.51	0.67	13.79	2.32	5533	3780	0.0547	0.0505	0.0160	0.0008	0.0077	0.0208	0.0035	0.0017	0.0004	0.0362	0.0688
239	2045	ALT2	WB	NT	Mainline	0.45	0.59	12.31	2.05	4910	3354	0.0481	0.0444	0.0142	0.0007	0.0068	0.0185	0.0031	0.0015	0.0003	0.0316	0.0612
240	2045	ALT2	WB	NT	Mainline	0.57	0.74	16.07	2.56	6232	4241	0.0568	0.0524	0.0177	0.0009	0.0083	0.0228	0.0039	0.0019	0.0004	0.0355	0.0742
241	2045	ALT2	WB	NT	Mainline	1.99	2.62	58.54	9.41	22407	15305	0.2071	0.1912	0.0623	0.0030	0.0317	0.0847	0.0135	0.0069	0.0015	0.1310	0.2968
242	2045	ALT2	WB	NT	Mainline	0.14	0.19	3.74	0.63	1518	1036	0.0151	0.0139	0.0045	0.0002	0.0021	0.0057	0.0010	0.0005	0.0001	0.0100	0.0181
243	2045	ALT2	WB	NT	Mainline	1.69	2.22	48.46	7.96	18834	12885	0.1802	0.1662	0.0528	0.0026	0.0270	0.0720	0.0115	0.0057	0.0013	0.1167	0.2530
244	2045	ALT2	WB	NT	Mainline	0.27	0.35	7.12	1.20	2890	1972	0.0287	0.0265	0.0085	0.0004	0.0039	0.0108	0.0019	0.0009	0.0002	0.0190	0.0345
245	2045	ALT2	WB	NT	Mainline	1.60	2.09	45.66	7.54	17772	12165	0.1711	0.1579	0.0498	0.0024	0.0257	0.0683	0.0108	0.0054	0.0012	0.1113	0.2412
246	2045	ALT2	WB	NT	Mainline	1.30	1.68	34.01	5.72	13773	9403	0.1370	0.1264	0.0404	0.0020	0.0189	0.0517	0.0089	0.0042	0.0010	0.0907	0.1666
247	2045	ALT2	WB	NT	Mainline	1.62	2.11	45.39	7.60	17852	12231	0.1757	0.1621	0.0504	0.0025	0.0259	0.0690	0.0109	0.0054	0.0012	0.1160	0.2434
248	2045	ALT2	WB	NT	Mainline	0.54	0.70	14.65	2.40	5803	3955	0.0552	0.0509	0.0167	0.0008	0.0078	0.0214	0.0037	0.0018	0.0004	0.0355	0.0693
249	2045	ALT2	WB	NT	Mainline	1.76	2.29	46.27	7.75	18709	12765	0.1847	0.1704	0.0549	0.0027	0.0255	0.0699	0.0120	0.0057	0.0013	0.1217	0.2236
250	2045	ALT2	WB	NT	Mainline	2.72	3.56	76.33	12.36	29828	20328	0.2785	0.2570	0.0851	0.0042	0.0405	0.1103	0.0186	0.0092	0.0020	0.1771	0.3639
251	2045	ALT2	WB	NT	Mainline	2.00	2.63	58.94	9.51	22538	15408	0.2095	0.1933	0.0624	0.0030	0.0323	0.0859	0.0135	0.0069	0.0015	0.1331	0.3052
252	2045	ALT2	WB	NT	Mainline	1.66	2.17	45.93	7.54	18124	12365	0.1731	0.1597	0.0519	0.0026	0.0249	0.0676	0.0113	0.0056	0.0012	0.1118	0.2236
253	2045	ALT2	WB	NT	Mainline	1.19	1.56	32.90	5.40	12980	8856	0.1240	0.1144	0.0372	0.0018	0.0178	0.0484	0.0081	0.0040	0.0009	0.0801	0.1602
254	2045	ALT2	WB	NT	Mainline	1.15	1.50	31.71	5.21	12513	8537	0.1195	0.1103	0.0359	0.0018	0.0172	0.0467	0.0078	0.0038	0.0009	0.0772	0.1544
255	2045	ALT2	WB	NT	Mainline	1.83	2.37	48.68	8.65	19828	13658	0.2139	0.1972	0.0567	0.0028	0.0302	0.0795	0.0123	0.0059	0.0015	0.1490	0.2868
256	2045	ALT2	WB	NT	Mainline	1.22	1.58	32.31	5.49	13064	8936	0.1319	0.1217	0.0380	0.0019	0.0183	0.0497	0.0083	0.0040	0.0009	0.0882	0.1651
257	2045	ALT2	WB	NT	Mainline	1.47	1.91	40.75	6.95	16158	11096	0.1637	0.1510	0.0456	0.0022	0.0241	0.0636	0.0099	0.0049	0.0011	0.1101	0.2286

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
258	2045	ALT2	WB	NT	Mainline	1.45	1.87	35.88	6.15	14941	10203	0.1546	0.1427	0.0452	0.0023	0.0204	0.0565	0.0099	0.0046	0.0011	0.1045	0.1755
259	2045	ALT2	WB	NT	Mainline	2.12	2.73	50.97	8.86	21535	14714	0.2285	0.2108	0.0661	0.0033	0.0295	0.0819	0.0145	0.0066	0.0016	0.1563	0.2514
260	2045	ALT2	WB	NT	Mainline	1.38	1.78	34.43	5.91	14282	9758	0.1477	0.1363	0.0430	0.0021	0.0197	0.0541	0.0094	0.0043	0.0010	0.0998	0.1705
261	2045	ALT2	WB	NT	Mainline	1.63	2.11	41.00	7.17	17027	11669	0.1814	0.1673	0.0507	0.0025	0.0243	0.0660	0.0111	0.0051	0.0012	0.1248	0.2169
262	2045	ALT2	WB	NT	Mainline	4.25	5.48	101.35	18.15	43249	29663	0.4818	0.4444	0.1322	0.0066	0.0618	0.1690	0.0290	0.0130	0.0032	0.3386	0.5412
263	2045	ALT2	WB	NT	Mainline	2.01	2.60	50.32	8.91	20996	14411	0.2280	0.2103	0.0625	0.0031	0.0304	0.0822	0.0136	0.0063	0.0015	0.1586	0.2745
264	2045	ALT2	WB	NT	Mainline	0.71	0.94	21.30	3.59	8159	5621	0.0798	0.0737	0.0222	0.0010	0.0131	0.0335	0.0047	0.0025	0.0006	0.0525	0.1317
265	2045	ALT2	WB	NT	Mainline	0.41	0.53	11.25	1.93	4487	3082	0.0459	0.0423	0.0127	0.0006	0.0067	0.0177	0.0028	0.0014	0.0003	0.0310	0.0631
266	2045	ALT2	WB	NT	Mainline	1.41	1.84	38.17	6.48	15308	10482	0.1542	0.1422	0.0440	0.0022	0.0218	0.0587	0.0096	0.0046	0.0011	0.1031	0.2000
267	2045	ALT2	WB	NT	Mainline	0.41	0.53	11.35	1.86	4457	3043	0.0426	0.0393	0.0127	0.0006	0.0062	0.0167	0.0028	0.0014	0.0003	0.0275	0.0564
268	2045	ALT2	WB	NT	Mainline	0.08	0.11	2.01	0.33	835	568	0.0082	0.0076	0.0026	0.0001	0.0011	0.0031	0.0006	0.0003	0.0001	0.0054	0.0087
269	2045	ALT2	WB	NT	Mainline	1.80	2.37	53.39	8.32	20218	13754	0.1782	0.1645	0.0563	0.0028	0.0272	0.0738	0.0123	0.0063	0.0013	0.1086	0.2474
270	2045	ALT2	WB	NT	Mainline	0.77	1.02	22.52	3.61	8653	5904	0.0798	0.0736	0.0242	0.0012	0.0121	0.0324	0.0053	0.0027	0.0006	0.0504	0.1114
271	2045	ALT2	WB	NT	Mainline	1.13	1.50	35.29	5.47	13041	8893	0.1125	0.1038	0.0354	0.0017	0.0187	0.0495	0.0076	0.0041	0.0009	0.0667	0.1799
272	2045	ALT2	WB	NT	Mainline	0.85	1.15	27.83	4.15	10027	6829	0.0814	0.0752	0.0268	0.0013	0.0149	0.0389	0.0057	0.0033	0.0007	0.0445	0.1477
273	2045	ALT2	WB	NT	Mainline	0.86	1.13	26.04	4.01	9729	6616	0.0838	0.0774	0.0268	0.0013	0.0132	0.0355	0.0058	0.0030	0.0006	0.0501	0.1211
274	2045	ALT2	WB	NT	Mainline	1.00	1.31	28.95	4.56	11099	7549	0.0993	0.0916	0.0313	0.0015	0.0148	0.0404	0.0068	0.0034	0.0007	0.0612	0.1327
275	2045	ALT2	WB	NT	Mainline	1.86	2.44	52.96	8.00	20306	13707	0.1687	0.1557	0.0586	0.0029	0.0243	0.0692	0.0129	0.0064	0.0013	0.0977	0.1993
276	2045	ALT2	WB	NT	Mainline	0.53	0.69	14.76	2.21	5695	3833	0.0462	0.0427	0.0167	0.0008	0.0065	0.0190	0.0037	0.0018	0.0004	0.0262	0.0511
277	2045	ALT2	WB	NT	Mainline	1.08	1.42	31.35	4.67	11875	8012	0.0968	0.0894	0.0339	0.0017	0.0142	0.0403	0.0075	0.0037	0.0008	0.0551	0.1170
278	2045	ALT2	WB	NT	Mainline	0.57	0.74	15.94	2.47	6171	4177	0.0533	0.0492	0.0178	0.0009	0.0077	0.0215	0.0039	0.0019	0.0004	0.0320	0.0642
279	2045	ALT2	WB	NT	Mainline	1.05	1.41	34.37	4.97	12307	8333	0.0958	0.0885	0.0332	0.0016	0.0164	0.0442	0.0072	0.0040	0.0008	0.0507	0.1529
280	2045	ALT2	WB	NT	Mainline	1.06	1.40	32.46	4.83	12027	8140	0.0984	0.0909	0.0334	0.0016	0.0152	0.0420	0.0073	0.0038	0.0008	0.0562	0.1339
281	2045	ALT2	WB	NT	Mainline	0.80	1.08	26.78	3.76	9460	6400	0.0710	0.0656	0.0253	0.0012	0.0130	0.0346	0.0054	0.0032	0.0006	0.0347	0.1243
282	2045	ALT2	WB	NT	Mainline	1.11	1.48	35.08	5.20	12827	8692	0.1039	0.0959	0.0351	0.0017	0.0168	0.0457	0.0076	0.0041	0.0008	0.0582	0.1530
283	2045	ALT2	WB	NT	Mainline	1.03	1.38	33.43	4.87	12009	8135	0.0944	0.0871	0.0324	0.0016	0.0160	0.0432	0.0070	0.0039	0.0008	0.0506	0.1491
284	2045	ALT2	WB	NT	Mainline	1.38	1.88	45.98	6.40	16320	11035	0.1214	0.1122	0.0437	0.0021	0.0228	0.0606	0.0094	0.0058	0.0011	0.0565	0.2211
285	2045	ALT2	WB	NT	Mainline	0.91	1.22	29.02	4.23	10533	7123	0.0830	0.0767	0.0288	0.0014	0.0134	0.0368	0.0063	0.0034	0.0007	0.0452	0.1207
286	2045	ALT2	WB	NT	Mainline	0.77	1.03	24.87	3.63	8982	6078	0.0707	0.0653	0.0244	0.0012	0.0117	0.0318	0.0053	0.0029	0.0006	0.0382	0.1065
287	2045	ALT2	WB	NT	Mainline	1.42	1.87	42.00	6.25	15782	10659	0.1288	0.1189	0.0446	0.0022	0.0192	0.0540	0.0098	0.0050	0.0010	0.0734	0.1620
288	2045	ALT2	WB	NT	Mainline	0.16	0.21	4.85	0.70	1792	1205	0.0137	0.0127	0.0050	0.0003	0.0021	0.0059	0.0011	0.0006	0.0001	0.0073	0.0167
289	2045	ALT2	WB	NT	Mainline	1.58	2.12	52.23	7.23	18468	12423	0.1342	0.1240	0.0501	0.0025	0.0221	0.0616	0.0109	0.0061	0.0011	0.0656	0.1920
290	2045	ALT2	WB	NT	Ramp	0.07	0.10	2.58	0.29	882	582	0.0052	0.0048	0.0024	0.0001	0.0008	0.0024	0.0005	0.0004	0.0001	0.0012	0.0053
291	2045	ALT2	WB	NT	Ramp	0.06	0.08	1.72	0.21	646	428	0.0044	0.0040	0.0018	0.0001	0.0007	0.0020	0.0004	0.0003	0.0000	0.0011	0.0057
292	2045	ALT2	WB	NT	Ramp	0.02	0.03	0.64	0.07	223	148	0.0014	0.0013	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0016
293	2045	ALT2	WB	NT	Ramp	0.19	0.27	2.82	0.40	1555	1036	0.0142	0.0132	0.0060	0.0003	0.0040	0.0100	0.0012	0.0010	0.0002	0.0025	0.0440
294	2045	ALT2	WB	NT	Ramp	0.05	0.07	1.37	0.17	548	365	0.0040	0.0037	0.0016	0.0001	0.0007	0.0019	0.0003	0.0003	0.0000	0.0011	0.0058
295	2045	ALT2	WB	NT	Ramp	0.21	0.31	2.99	0.37	1780	1169	0.0167	0.0155	0.0069	0.0003	0.0030	0.0085	0.0015	0.0013	0.0002	0.0015	0.0286
296	2045	ALT2	WB	NT	Ramp	0.08	0.11	1.41	0.21	697	468	0.0061	0.0056	0.0025	0.0001	0.0017	0.0041	0.0005	0.0004	0.0001	0.0015	0.0184
297	2045	ALT2	WB	NT	Ramp	1.58	2.11	30.62	8.45	15467	11282	0.1908	0.1760	0.0463	0.0017	0.0591	0.1306	0.0085	0.0057	0.0013	0.1284	0.7385
298	2045	ALT2	WB	NT	Ramp	0.00	0.01	0.13	0.02	50	33	0.0003	0.0003	0.0001	0.0000	0.0001	0.0002	0.0000	0.0000	0.0000	0.0001	0.0005
299	2045	ALT2	WB	NT	Ramp	0.02	0.03	0.60	0.08	214	144	0.0015	0.0014	0.0006	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0006	0.0027
300	2045	ALT2	WB	NT	Ramp	0.39	0.55	12.52	1.56	4571	3047	0.0311	0.0288	0.0127	0.0006	0.0053	0.0151	0.0028	0.0019	0.0003	0.0094	0.0462
301	2045	ALT2	WB	NT	Ramp	0.21	0.30	3.39	0.47	1800	1198	0.0161	0.0149	0.0067	0.0003	0.0042	0.0106	0.0014	0.0012	0.0002	0.0028	0.0450
302	2045	ALT2	WB	NT	Ramp	0.02	0.02	0.53	0.07	191	128	0.0013	0.0012	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0020
303	2045	ALT2	WB	NT	Ramp	0.07	0.10	1.80	0.23	749	499	0.0057	0.0053	0.0022	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0015	0.0082
304	2045	ALT2	WB	NT	Ramp	0.05	0.08	1.26	0.15	553	366	0.0042	0.0039	0.0017	0.0001	0.0007	0.0020	0.0004	0.0003	0.0000	0.0008	0.0058
305	2045	ALT2	WB	NT	Ramp	0.20	0.29	3.57	0.49	1808	1206	0.0157	0.0146	0.0065	0.0003	0.0039	0.0101	0.0014	0.0011	0.0002	0.0031	0.0423

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
306	2045	ALT2	WB	NT	Ramp	0.03	0.05	0.89	0.11	353	234	0.0025	0.0023	0.0010	0.0001	0.0004	0.0011	0.0002	0.0002	0.0000	0.0006	0.0031
307	2045	ALT2	WB	NT	Ramp	0.17	0.26	2.19	0.27	1444	945	0.0144	0.0134	0.0058	0.0003	0.0022	0.0066	0.0012	0.0012	0.0002	0.0009	0.0201
308	2045	ALT2	WB	NT	Ramp	0.07	0.10	1.67	0.24	746	501	0.0062	0.0057	0.0024	0.0001	0.0013	0.0034	0.0005	0.0004	0.0001	0.0018	0.0132
309	2045	ALT2	WB	NT	Ramp	0.19	0.28	2.25	0.34	1453	965	0.0148	0.0137	0.0062	0.0003	0.0044	0.0109	0.0013	0.0011	0.0002	0.0019	0.0500
310	2045	ALT2	WB	NT	Ramp	0.54	0.78	11.19	1.54	5241	3506	0.0437	0.0404	0.0174	0.0008	0.0099	0.0258	0.0037	0.0029	0.0005	0.0107	0.1030
311	2045	ALT2	WB	NT	Ramp	0.22	0.32	3.63	0.48	1922	1274	0.0169	0.0156	0.0071	0.0003	0.0039	0.0102	0.0015	0.0013	0.0002	0.0026	0.0399
312	2045	ALT2	WB	NT	Ramp	0.03	0.05	0.97	0.12	376	250	0.0027	0.0025	0.0011	0.0001	0.0004	0.0013	0.0002	0.0002	0.0000	0.0007	0.0037
313	2045	ALT2	WB	NT	Ramp	0.33	0.47	10.49	1.33	3876	2590	0.0271	0.0250	0.0108	0.0005	0.0047	0.0133	0.0023	0.0016	0.0003	0.0086	0.0428
314	2045	ALT2	WB	NT	Ramp	0.14	0.22	2.88	0.31	1428	933	0.0114	0.0106	0.0049	0.0003	0.0014	0.0046	0.0011	0.0009	0.0001	0.0008	0.0092
315	2045	ALT2	WB	NT	Ramp	0.11	0.16	2.56	0.33	1136	755	0.0089	0.0082	0.0036	0.0002	0.0016	0.0045	0.0008	0.0006	0.0001	0.0019	0.0148
316	2045	ALT2	WB	NT	Ramp	0.04	0.05	1.02	0.13	406	271	0.0030	0.0027	0.0012	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0008	0.0044
317	2045	ALT2	WB	NT	Ramp	0.08	0.12	1.75	0.23	802	534	0.0065	0.0060	0.0026	0.0001	0.0013	0.0035	0.0006	0.0004	0.0001	0.0014	0.0129
318	2045	ALT2	WB	NT	Ramp	0.05	0.07	1.34	0.15	523	344	0.0035	0.0033	0.0015	0.0001	0.0005	0.0015	0.0003	0.0003	0.0000	0.0006	0.0034
319	2045	ALT2	WB	NT	Ramp	0.11	0.17	2.77	0.34	1212	803	0.0093	0.0086	0.0038	0.0002	0.0015	0.0044	0.0008	0.0007	0.0001	0.0018	0.0133
320	2045	ALT2	WB	NT	Ramp	0.08	0.12	1.74	0.21	796	525	0.0062	0.0057	0.0026	0.0001	0.0010	0.0030	0.0006	0.0005	0.0001	0.0010	0.0089
321	2045	ALT2	WB	NT	Ramp	0.09	0.13	1.98	0.26	910	605	0.0073	0.0068	0.0030	0.0001	0.0014	0.0039	0.0006	0.0005	0.0001	0.0015	0.0140
322	2045	ALT2	WB	NT	Ramp	0.10	0.15	1.54	0.22	867	576	0.0080	0.0074	0.0034	0.0002	0.0021	0.0053	0.0007	0.0006	0.0001	0.0012	0.0228
323	2045	ALT2	WB	NT	Ramp	0.14	0.20	4.32	0.55	1626	1087	0.0116	0.0107	0.0046	0.0002	0.0020	0.0057	0.0010	0.0007	0.0001	0.0036	0.0186
324	2045	ALT2	WB	NT	Ramp	0.06	0.08	1.72	0.21	672	447	0.0048	0.0044	0.0019	0.0001	0.0008	0.0023	0.0004	0.0003	0.0000	0.0013	0.0068
325	2045	ALT2	WB	NT	Ramp	0.24	0.35	5.20	0.73	2395	1606	0.0200	0.0185	0.0078	0.0004	0.0044	0.0116	0.0016	0.0013	0.0002	0.0053	0.0463
326	2045	ALT2	WB	NT	Ramp	0.13	0.20	3.13	0.35	1389	912	0.0103	0.0096	0.0044	0.0002	0.0014	0.0045	0.0010	0.0008	0.0001	0.0013	0.0107
327	2045	ALT2	WB	NT	Ramp	0.14	0.20	2.76	0.40	1323	889	0.0114	0.0105	0.0045	0.0002	0.0029	0.0073	0.0009	0.0007	0.0001	0.0030	0.0313
328	2045	ALT2	WB	NT	Ramp	0.05	0.07	1.40	0.16	529	349	0.0035	0.0032	0.0015	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0007	0.0037
329	2045	ALT2	WB	NT	Ramp	0.08	0.12	1.92	0.24	837	555	0.0064	0.0059	0.0026	0.0001	0.0011	0.0031	0.0006	0.0005	0.0001	0.0013	0.0093
330	2045	ALT2	WB	NT	Ramp	0.04	0.06	1.18	0.14	447	296	0.0030	0.0028	0.0013	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0007	0.0038
331	2045	ALT2	WB	NT	Ramp	0.10	0.15	3.21	0.42	1205	807	0.0087	0.0080	0.0034	0.0002	0.0016	0.0044	0.0007	0.0005	0.0001	0.0029	0.0149
332	2045	ALT2	WB	NT	Ramp	0.06	0.08	1.86	0.24	667	448	0.0047	0.0043	0.0018	0.0001	0.0009	0.0024	0.0004	0.0003	0.0000	0.0018	0.0080
333	2045	ALT2	WB	NT	Ramp	0.09	0.12	2.65	0.39	1012	688	0.0080	0.0074	0.0028	0.0001	0.0017	0.0043	0.0006	0.0004	0.0001	0.0034	0.0173
334	2045	ALT2	WB	NT	Ramp	0.08	0.11	2.25	0.30	869	582	0.0064	0.0059	0.0025	0.0001	0.0012	0.0032	0.0005	0.0004	0.0001	0.0021	0.0110
335	2045	ALT2	WB	NT	Ramp	0.15	0.21	4.42	0.61	1708	1152	0.0130	0.0120	0.0048	0.0002	0.0025	0.0067	0.0010	0.0007	0.0001	0.0048	0.0250
336	2045	ALT2	WB	NT	Ramp	0.15	0.21	3.81	0.64	1617	1112	0.0145	0.0134	0.0047	0.0002	0.0033	0.0082	0.0010	0.0007	0.0001	0.0066	0.0370
337	2045	ALT2	WB	NT	Ramp	0.06	0.09	1.78	0.27	716	487	0.0059	0.0054	0.0020	0.0001	0.0012	0.0032	0.0004	0.0003	0.0001	0.0024	0.0130
338	2045	ALT2	WB	NT	Ramp	0.08	0.11	2.37	0.30	891	594	0.0062	0.0057	0.0025	0.0001	0.0010	0.0030	0.0005	0.0004	0.0001	0.0018	0.0092
339	2045	ALT2	WB	NT	Ramp	0.17	0.22	5.17	0.90	1963	1365	0.0192	0.0178	0.0052	0.0002	0.0038	0.0092	0.0011	0.0006	0.0001	0.0125	0.0411
340	2045	ALT2	WB	NT	Ramp	0.46	0.64	14.28	1.92	5308	3570	0.0388	0.0359	0.0147	0.0007	0.0073	0.0198	0.0032	0.0022	0.0004	0.0144	0.0710
341	2045	ALT2	WB	NT	Ramp	0.65	0.95	17.09	2.19	7188	4787	0.0548	0.0508	0.0216	0.0011	0.0088	0.0254	0.0047	0.0036	0.0006	0.0137	0.0778
342	2045	ALT2	WB	NT	Ramp	0.06	0.09	1.63	0.31	693	484	0.0067	0.0062	0.0020	0.0001	0.0017	0.0040	0.0004	0.0003	0.0001	0.0037	0.0198
343	2045	ALT2	WB	NT	Ramp	0.17	0.25	2.35	0.36	1343	898	0.0128	0.0118	0.0054	0.0002	0.0040	0.0098	0.0011	0.0009	0.0001	0.0024	0.0460
344	2045	ALT2	WB	NT	Ramp	0.06	0.09	1.61	0.28	671	463	0.0061	0.0056	0.0019	0.0001	0.0015	0.0035	0.0004	0.0003	0.0001	0.0030	0.0163
345	2045	ALT2	WB	NT	Ramp	0.06	0.09	0.99	0.13	516	342	0.0045	0.0042	0.0019	0.0001	0.0010	0.0028	0.0004	0.0003	0.0000	0.0007	0.0109
346	2045	ALT2	WB	NT	Ramp	0.09	0.13	1.68	0.21	833	552	0.0070	0.0065	0.0029	0.0001	0.0015	0.0040	0.0006	0.0005	0.0001	0.0012	0.0146
347	2045	ALT2	WB	NT	Ramp	0.06	0.09	1.35	0.17	604	402	0.0048	0.0044	0.0019	0.0001	0.0009	0.0025	0.0004	0.0003	0.0001	0.0011	0.0087
348	2045	ALT2	WB	NT	Ramp	0.37	0.52	9.99	1.66	4113	2830	0.0363	0.0336	0.0118	0.0005	0.0084	0.0207	0.0024	0.0017	0.0003	0.0173	0.0937
349	2045	ALT2	WB	NT	Ramp	0.14	0.21	3.49	0.40	1503	990	0.0111	0.0102	0.0047	0.0002	0.0016	0.0049	0.0010	0.0008	0.0001	0.0018	0.0121
350	2045	ALT2	WB	NT	Ramp	0.14	0.20	4.50	0.53	1631	1080	0.0106	0.0098	0.0045	0.0002	0.0016	0.0049	0.0010	0.0007	0.0001	0.0026	0.0128
351	2045	ALT2	WB	NT	Ramp	0.07	0.10	1.32	0.20	647	437	0.0057	0.0053	0.0023	0.0001	0.0016	0.0040	0.0005	0.0004	0.0001	0.0016	0.0182
352	2045	ALT2	WB	NT	Ramp	0.06	0.09	1.54	0.18	662	436	0.0049	0.0045	0.0021	0.0001	0.0007	0.0021	0.0005	0.0004	0.0001	0.0008	0.0054
353	2045	ALT2	WB	NT	Ramp	0.18	0.26	4.72	0.56	1967	1300	0.0143	0.0132	0.0059	0.0003	0.0020	0.0062	0.0013	0.0010	0.0002	0.0027	0.0153

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
354	2045	ALT2	WB	NT	Ramp	0.22	0.32	4.49	0.61	2141	1430	0.0179	0.0166	0.0073	0.0003	0.0041	0.0107	0.0015	0.0012	0.0002	0.0041	0.0430
355	2045	ALT2	WB	NT	Ramp	0.16	0.24	2.70	0.35	1442	953	0.0126	0.0117	0.0053	0.0003	0.0027	0.0073	0.0011	0.0010	0.0001	0.0017	0.0269
356	2045	ALT2	WB	NT	Ramp	0.06	0.09	1.36	0.16	618	408	0.0048	0.0044	0.0020	0.0001	0.0008	0.0023	0.0004	0.0004	0.0001	0.0008	0.0069
357	2045	ALT2	WB	NT	Ramp	0.22	0.32	3.97	0.52	2013	1336	0.0172	0.0160	0.0072	0.0003	0.0039	0.0103	0.0015	0.0013	0.0002	0.0029	0.0397
358	2045	ALT2	WB	NT	Ramp	0.22	0.33	2.46	0.42	1590	1067	0.0166	0.0153	0.0071	0.0003	0.0065	0.0152	0.0014	0.0012	0.0002	0.0029	0.0781
359	2045	ALT2	WB	NT	Ramp	0.20	0.30	3.02	0.36	1748	1147	0.0160	0.0148	0.0067	0.0003	0.0027	0.0078	0.0014	0.0013	0.0002	0.0013	0.0241
360	2045	ALT2	WB	NT	Ramp	0.16	0.23	2.01	0.35	1178	796	0.0117	0.0108	0.0050	0.0002	0.0047	0.0109	0.0010	0.0008	0.0001	0.0027	0.0566
361	2045	ALT2	WB	NT	Ramp	0.12	0.18	1.77	0.24	1017	673	0.0094	0.0088	0.0040	0.0002	0.0022	0.0058	0.0008	0.0007	0.0001	0.0012	0.0234
362	2045	ALT2	WB	NT	Ramp	0.14	0.21	2.55	0.38	1278	860	0.0114	0.0105	0.0046	0.0002	0.0033	0.0081	0.0009	0.0007	0.0001	0.0029	0.0370
363	2045	ALT2	WB	NT	Ramp	0.20	0.30	3.70	0.43	1885	1238	0.0156	0.0145	0.0067	0.0003	0.0025	0.0074	0.0015	0.0012	0.0002	0.0016	0.0209
364	2045	ALT2	WB	NT	HOV																	
365	2045	ALT2	WB	NT	HOV																	
366	2045	ALT2	WB	NT	HOV	0.22	0.31	8.39	0.85	2719	1768	0.0126	0.0117	0.0074	0.0004	0.0014	0.0056	0.0017	0.0010	0.0002	0.0009	0.0028
367	2045	ALT2	WB	NT	HOV	0.33	0.47	12.62	1.28	4089	2658	0.0190	0.0176	0.0111	0.0006	0.0021	0.0085	0.0025	0.0016	0.0002	0.0013	0.0042
368	2045	ALT2	WB	NT	HOV	0.17	0.24	6.39	0.65	2071	1346	0.0096	0.0089	0.0056	0.0003	0.0011	0.0043	0.0013	0.0008	0.0001	0.0007	0.0021
369	2045	ALT2	WB	NT	HOV	0.16	0.22	6.06	0.61	1963	1276	0.0091	0.0085	0.0053	0.0003	0.0010	0.0041	0.0012	0.0007	0.0001	0.0006	0.0020
370	2045	ALT2	WB	NT	HOV	0.17	0.24	6.42	0.65	2084	1354	0.0097	0.0090	0.0056	0.0003	0.0011	0.0043	0.0013	0.0008	0.0001	0.0007	0.0021
371	2045	ALT2	WB	NT	HOV	0.08	0.11	2.96	0.30	960	624	0.0045	0.0042	0.0026	0.0001	0.0005	0.0020	0.0006	0.0004	0.0001	0.0003	0.0010
372	2045	ALT2	WB	NT	HOV	0.12	0.17	4.57	0.46	1483	964	0.0069	0.0064	0.0040	0.0002	0.0008	0.0031	0.0009	0.0006	0.0001	0.0005	0.0015
373	2045	ALT2	WB	NT	HOV	0.08	0.11	2.99	0.30	971	631	0.0045	0.0042	0.0026	0.0001	0.0005	0.0020	0.0006	0.0004	0.0001	0.0003	0.0010
374	2045	ALT2	WB	NT	HOV	0.36	0.50	13.43	1.36	4356	2831	0.0204	0.0189	0.0118	0.0006	0.0023	0.0090	0.0027	0.0017	0.0002	0.0014	0.0045
375	2045	ALT2	WB	NT	HOV	0.12	0.17	4.48	0.45	1453	944	0.0068	0.0063	0.0039	0.0002	0.0008	0.0030	0.0009	0.0006	0.0001	0.0005	0.0015
376	2045	ALT2	WB	NT	HOV	0.06	0.08	2.09	0.21	677	440	0.0032	0.0029	0.0018	0.0001	0.0004	0.0014	0.0004	0.0003	0.0000	0.0002	0.0007
377	2045	ALT2	WB	NT	HOV	0.39	0.55	14.78	1.49	4796	3117	0.0224	0.0208	0.0130	0.0007	0.0025	0.0099	0.0029	0.0018	0.0003	0.0016	0.0049
378	2045	ALT2	WB	NT	HOV	0.09	0.12	3.30	0.33	1071	696	0.0050	0.0046	0.0029	0.0002	0.0006	0.0022	0.0007	0.0004	0.0001	0.0003	0.0011
379	2045	ALT2	WB	NT	HOV	0.16	0.22	5.43	0.53	1883	1223	0.0101	0.0094	0.0052	0.0003	0.0010	0.0040	0.0012	0.0008	0.0001	0.0006	0.0021
380	2045	ALT2	WB	NT	HOV	0.14	0.21	5.05	0.49	1749	1137	0.0094	0.0087	0.0048	0.0003	0.0009	0.0037	0.0011	0.0008	0.0001	0.0005	0.0019
381	2045	ALT2	WB	NT	HOV	0.53	0.76	18.50	1.81	6411	4166	0.0345	0.0320	0.0177	0.0009	0.0033	0.0135	0.0040	0.0029	0.0004	0.0019	0.0071
382	2045	ALT2	WB	NT	HOV	0.08	0.11	2.72	0.27	944	613	0.0051	0.0047	0.0026	0.0001	0.0005	0.0020	0.0006	0.0004	0.0001	0.0003	0.0010
383	2045	ALT2	WB	NT	HOV	0.33	0.48	11.63	1.14	4027	2617	0.0217	0.0201	0.0111	0.0006	0.0021	0.0085	0.0025	0.0018	0.0003	0.0012	0.0045
384	2045	ALT2	WB	NT	HOV	0.20	0.28	6.88	0.67	2384	1549	0.0128	0.0119	0.0066	0.0004	0.0012	0.0050	0.0015	0.0011	0.0002	0.0007	0.0026
385	2045	ALT2	WB	NT	HOV	0.49	0.71	17.16	1.68	5945	3864	0.0320	0.0297	0.0165	0.0009	0.0031	0.0125	0.0037	0.0027	0.0004	0.0018	0.0066
386	2045	ALT2	WB	NT	HOV	0.15	0.21	5.11	0.50	1771	1151	0.0095	0.0088	0.0049	0.0003	0.0009	0.0037	0.0011	0.0008	0.0001	0.0005	0.0020
387	2045	ALT2	WB	NT	HOV	0.13	0.18	4.47	0.44	1549	1006	0.0083	0.0077	0.0043	0.0002	0.0008	0.0033	0.0010	0.0007	0.0001	0.0005	0.0017
388	2045	ALT2	WB	NT	HOV	0.13	0.19	4.52	0.44	1567	1018	0.0084	0.0078	0.0043	0.0002	0.0008	0.0033	0.0010	0.0007	0.0001	0.0005	0.0017
389	2045	ALT2	WB	NT	HOV	0.51	0.73	17.74	1.74	6147	3995	0.0331	0.0307	0.0170	0.0009	0.0032	0.0129	0.0038	0.0028	0.0004	0.0018	0.0068
390	2045	ALT2	WB	NT	HOV	0.02	0.03	0.71	0.07	230	149	0.0010	0.0010	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0002
391	2045	ALT2	WB	NT	HOV	0.25	0.35	9.47	0.98	3076	1999	0.0140	0.0130	0.0084	0.0004	0.0016	0.0064	0.0019	0.0011	0.0002	0.0010	0.0031
392	2045	ALT2	WB	NT	HOV	0.04	0.05	1.35	0.14	438	285	0.0020	0.0018	0.0012	0.0001	0.0002	0.0009	0.0003	0.0002	0.0000	0.0001	0.0004
393	2045	ALT2	WB	NT	HOV	0.24	0.33	8.93	0.92	2901	1886	0.0132	0.0122	0.0079	0.0004	0.0015	0.0061	0.0018	0.0011	0.0002	0.0010	0.0029
394	2045	ALT2	WB	NT	HOV	0.17	0.24	6.37	0.66	2068	1345	0.0094	0.0087	0.0056	0.0003	0.0011	0.0043	0.0013	0.0008	0.0001	0.0007	0.0021
395	2045	ALT2	WB	NT	HOV	0.24	0.34	9.09	0.94	2952	1919	0.0134	0.0124	0.0080	0.0004	0.0016	0.0062	0.0018	0.0011	0.0002	0.0010	0.0029
396	2045	ALT2	WB	NT	HOV	0.07	0.10	2.60	0.27	846	550	0.0038	0.0036	0.0023	0.0001	0.0004	0.0018	0.0005	0.0003	0.0000	0.0003	0.0008
397	2045	ALT2	WB	NT	HOV	0.24	0.33	9.02	0.93	2930	1905	0.0133	0.0124	0.0080	0.0004	0.0016	0.0061	0.0018	0.0011	0.0002	0.0010	0.0029
398	2045	ALT2	WB	NT	HOV	0.35	0.48	13.03	1.34	4233	2752	0.0192	0.0178	0.0115	0.0006	0.0022	0.0088	0.0026	0.0016	0.0002	0.0014	0.0042
399	2045	ALT2	WB	NT	HOV	0.30	0.41	11.11	1.14	3607	2345	0.0164	0.0152	0.0098	0.0005	0.0019	0.0075	0.0022	0.0013	0.0002	0.0012	0.0036
400	2045	ALT2	WB	NT	HOV	0.22	0.30	8.01	0.83	2601	1691	0.0118	0.0110	0.0071	0.0004	0.0014	0.0054	0.0016	0.0010	0.0001	0.0009	0.0026
401	2045	ALT2	WB	NT	HOV	0.15	0.21	5.74	0.59	1863	1211	0.0085	0.0079	0.0051	0.0003	0.0010	0.0039	0.0012	0.0007	0.0001	0.0006	0.0019

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
402	2045	ALT2	WB	NT	HOV	0.15	0.21	5.53	0.57	1796	1167	0.0082	0.0076	0.0049	0.0003	0.0010	0.0037	0.0011	0.0007	0.0001	0.0006	0.0018
403	2045	ALT2	WB	NT	HOV	0.32	0.44	11.90	1.20	3863	2511	0.0181	0.0168	0.0104	0.0006	0.0020	0.0080	0.0024	0.0015	0.0002	0.0012	0.0040
404	2045	ALT2	WB	NT	HOV	0.18	0.25	6.72	0.68	2182	1418	0.0102	0.0095	0.0059	0.0003	0.0011	0.0045	0.0013	0.0008	0.0001	0.0007	0.0023
405	2045	ALT2	WB	NT	HOV	0.25	0.34	9.30	0.94	3018	1962	0.0141	0.0131	0.0082	0.0004	0.0016	0.0062	0.0019	0.0012	0.0002	0.0010	0.0031
406	2045	ALT2	WB	NT	HOV	0.19	0.27	7.22	0.73	2341	1522	0.0110	0.0102	0.0063	0.0003	0.0012	0.0048	0.0014	0.0009	0.0001	0.0008	0.0024
407	2045	ALT2	WB	NT	HOV	0.29	0.40	10.88	1.10	3531	2295	0.0165	0.0153	0.0095	0.0005	0.0018	0.0073	0.0022	0.0014	0.0002	0.0011	0.0036
408	2045	ALT2	WB	NT	HOV	0.18	0.25	6.81	0.69	2208	1436	0.0103	0.0096	0.0060	0.0003	0.0012	0.0046	0.0014	0.0009	0.0001	0.0007	0.0023
409	2045	ALT2	WB	NT	HOV	0.25	0.35	9.50	0.96	3082	2003	0.0144	0.0134	0.0083	0.0004	0.0016	0.0064	0.0019	0.0012	0.0002	0.0010	0.0032
410	2045	ALT2	WB	NT	HOV	0.44	0.60	15.50	1.66	5137	3340	0.0225	0.0209	0.0143	0.0008	0.0028	0.0110	0.0033	0.0018	0.0003	0.0018	0.0048
411	2045	ALT2	WB	NT	HOV	0.24	0.32	8.30	0.89	2752	1789	0.0121	0.0112	0.0077	0.0004	0.0015	0.0059	0.0017	0.0010	0.0001	0.0010	0.0026
412	2045	ALT2	WB	NT	HOV	0.09	0.12	3.18	0.34	1055	686	0.0046	0.0043	0.0029	0.0002	0.0006	0.0023	0.0007	0.0004	0.0001	0.0004	0.0010
413	2045	ALT2	WB	NT	HOV	0.05	0.06	1.63	0.17	539	350	0.0024	0.0022	0.0015	0.0001	0.0003	0.0012	0.0003	0.0002	0.0000	0.0002	0.0005
414	2045	ALT2	WB	NT	HOV	0.20	0.27	6.93	0.74	2299	1494	0.0101	0.0094	0.0064	0.0003	0.0013	0.0049	0.0015	0.0008	0.0001	0.0008	0.0022
415	2045	ALT2	WB	NT	HOV	0.05	0.06	1.63	0.17	539	350	0.0024	0.0022	0.0015	0.0001	0.0003	0.0012	0.0003	0.0002	0.0000	0.0002	0.0005
416	2045	ALT2	WB	NT	HOV	0.01	0.01	0.25	0.03	84	54	0.0004	0.0003	0.0002	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
417	2045	ALT2	WB	NT	HOV	0.20	0.27	7.10	0.76	2352	1529	0.0103	0.0096	0.0066	0.0004	0.0013	0.0050	0.0015	0.0008	0.0001	0.0008	0.0022
418	2045	ALT2	WB	NT	HOV	0.09	0.12	3.05	0.33	1011	657	0.0044	0.0041	0.0028	0.0002	0.0006	0.0022	0.0006	0.0004	0.0001	0.0004	0.0009
419	2045	ALT2	WB	NT	HOV	0.14	0.19	5.03	0.54	1666	1083	0.0073	0.0068	0.0046	0.0002	0.0009	0.0036	0.0011	0.0006	0.0001	0.0006	0.0016
420	2045	ALT2	WB	NT	HOV	0.21	0.30	7.68	0.76	2570	1670	0.0131	0.0121	0.0070	0.0004	0.0013	0.0053	0.0016	0.0011	0.0002	0.0008	0.0028
421	2045	ALT2	WB	NT	HOV	0.20	0.28	7.27	0.72	2433	1581	0.0124	0.0115	0.0066	0.0004	0.0013	0.0051	0.0015	0.0010	0.0001	0.0007	0.0027
422	2045	ALT2	WB	NT	HOV	0.24	0.34	8.63	0.85	2888	1877	0.0147	0.0136	0.0079	0.0004	0.0015	0.0060	0.0018	0.0012	0.0002	0.0009	0.0031
423	2045	ALT2	WB	NT	HOV	0.46	0.65	16.64	1.64	5570	3620	0.0284	0.0263	0.0152	0.0008	0.0029	0.0116	0.0034	0.0024	0.0003	0.0017	0.0061
424	2045	ALT2	WB	NT	HOV	0.11	0.16	4.07	0.40	1362	885	0.0069	0.0064	0.0037	0.0002	0.0007	0.0028	0.0008	0.0006	0.0001	0.0004	0.0015
425	2045	ALT2	WB	NT	HOV	0.26	0.37	9.61	0.95	3218	2092	0.0164	0.0152	0.0088	0.0005	0.0017	0.0067	0.0020	0.0014	0.0002	0.0010	0.0035
426	2045	ALT2	WB	NT	HOV	0.14	0.20	5.06	0.50	1695	1101	0.0086	0.0080	0.0046	0.0002	0.0009	0.0035	0.0010	0.0007	0.0001	0.0005	0.0018
427	2045	ALT2	WB	NT	HOV	0.26	0.38	9.68	0.95	3239	2105	0.0165	0.0153	0.0088	0.0005	0.0017	0.0067	0.0020	0.0014	0.0002	0.0010	0.0035
428	2045	ALT2	WB	NT	HOV	0.28	0.40	10.33	1.02	3459	2248	0.0176	0.0163	0.0094	0.0005	0.0018	0.0072	0.0021	0.0015	0.0002	0.0010	0.0038
429	2045	ALT2	WB	NT	HOV	0.19	0.27	6.89	0.68	2306	1499	0.0117	0.0109	0.0063	0.0003	0.0012	0.0048	0.0014	0.0010	0.0001	0.0007	0.0025
430	2045	ALT2	WB	NT	HOV	0.17	0.23	6.17	0.64	2015	1310	0.0090	0.0084	0.0055	0.0003	0.0011	0.0042	0.0013	0.0007	0.0001	0.0007	0.0020
431	2045	ALT2	WB	NT	HOV	0.15	0.21	5.56	0.58	1816	1181	0.0081	0.0076	0.0050	0.0003	0.0010	0.0038	0.0011	0.0007	0.0001	0.0006	0.0018
432	2045	ALT2	WB	NT	HOV	0.18	0.25	6.55	0.68	2139	1390	0.0096	0.0089	0.0059	0.0003	0.0011	0.0045	0.0013	0.0008	0.0001	0.0007	0.0021
433	2045	ALT2	WB	NT	HOV	0.31	0.46	9.88	0.96	3689	2397	0.0218	0.0202	0.0106	0.0006	0.0019	0.0080	0.0024	0.0018	0.0003	0.0011	0.0042
434	2045	ALT2	WB	NT	HOV	0.26	0.39	8.31	0.81	3101	2015	0.0184	0.0170	0.0089	0.0005	0.0016	0.0067	0.0020	0.0015	0.0002	0.0009	0.0035
435	2045	ALT2	WB	NT	HOV	0.51	0.74	15.94	1.55	5950	3866	0.0352	0.0327	0.0171	0.0009	0.0031	0.0129	0.0039	0.0030	0.0004	0.0017	0.0067
436	2045	ALT2	WB	NT	HOV	0.05	0.07	1.53	0.15	570	370	0.0034	0.0031	0.0016	0.0001	0.0003	0.0012	0.0004	0.0003	0.0000	0.0002	0.0006
437	2045	ALT2	WB	NT	HOV	0.54	0.79	16.95	1.65	6328	4111	0.0374	0.0347	0.0182	0.0010	0.0033	0.0137	0.0041	0.0031	0.0005	0.0018	0.0071
1	2045	ALT3	EB	AM	Mainline	0.54	0.70	14.23	2.86	5965	4190	0.0756	0.0697	0.0164	0.0008	0.0112	0.0277	0.0035	0.0017	0.0005	0.0573	0.1184
2	2045	ALT3	EB	AM	Mainline	1.37	1.76	34.56	7.24	14935	10523	0.2025	0.1866	0.0418	0.0019	0.0282	0.0699	0.0088	0.0042	0.0012	0.1573	0.2967
3	2045	ALT3	EB	AM	Mainline	0.07	0.09	1.63	0.34	716	502	0.0097	0.0089	0.0021	0.0001	0.0013	0.0032	0.0004	0.0002	0.0001	0.0075	0.0128
4	2045	ALT3	EB	AM	Mainline	1.16	1.49	28.95	6.11	12570	8863	0.1725	0.1589	0.0352	0.0016	0.0239	0.0591	0.0074	0.0035	0.0011	0.1345	0.2512
5	2045	ALT3	EB	AM	Mainline	0.48	0.62	11.64	2.40	5103	3577	0.0691	0.0637	0.0148	0.0007	0.0091	0.0230	0.0032	0.0015	0.0004	0.0534	0.0918
6	2045	ALT3	EB	AM	Mainline	0.70	0.89	16.89	3.65	7472	5278	0.1068	0.0984	0.0212	0.0010	0.0143	0.0354	0.0045	0.0021	0.0006	0.0843	0.1496
7	2045	ALT3	EB	AM	Mainline	1.01	1.31	26.59	5.41	11196	7881	0.1443	0.1330	0.0308	0.0014	0.0214	0.0527	0.0065	0.0032	0.0009	0.1101	0.2282
8	2045	ALT3	EB	AM	Mainline	1.30	1.66	31.88	6.88	14017	9908	0.1988	0.1832	0.0394	0.0018	0.0271	0.0668	0.0083	0.0039	0.0012	0.1568	0.2866
9	2045	ALT3	EB	AM	Mainline	1.07	1.39	28.04	5.75	11874	8361	0.1549	0.1428	0.0327	0.0015	0.0227	0.0559	0.0069	0.0033	0.0010	0.1187	0.2414
10	2045	ALT3	EB	AM	Mainline	0.34	0.43	8.09	1.77	3605	2550	0.0525	0.0483	0.0103	0.0005	0.0070	0.0172	0.0022	0.0010	0.0003	0.0417	0.0732
11	2045	ALT3	EB	AM	Mainline	0.69	0.90	18.38	3.68	7692	5402	0.0971	0.0896	0.0212	0.0010	0.0144	0.0357	0.0045	0.0022	0.0006	0.0735	0.1528
12	2045	ALT3	EB	AM	Mainline	0.49	0.63	12.36	2.53	5318	3734	0.0704	0.0649	0.0150	0.0007	0.0097	0.0243	0.0032	0.0015	0.0004	0.0541	0.1007

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
13	2045	ALT3	EB	AM	Mainline	0.49	0.63	11.47	2.26	5037	3500	0.0648	0.0598	0.0151	0.0007	0.0082	0.0215	0.0033	0.0015	0.0004	0.0489	0.0782
14	2045	ALT3	EB	AM	Mainline	0.74	0.94	17.50	3.43	7621	5297	0.0970	0.0894	0.0227	0.0011	0.0125	0.0325	0.0049	0.0022	0.0006	0.0728	0.1197
15	2045	ALT3	EB	AM	Mainline	0.89	1.15	23.01	4.44	9657	6727	0.1175	0.1083	0.0274	0.0013	0.0164	0.0419	0.0058	0.0028	0.0008	0.0870	0.1650
16	2045	ALT3	EB	AM	Mainline	0.52	0.67	13.64	2.60	5664	3944	0.0676	0.0623	0.0159	0.0008	0.0097	0.0246	0.0034	0.0016	0.0004	0.0497	0.0978
17	2045	ALT3	EB	AM	Mainline	0.83	1.07	22.25	4.30	9183	6418	0.1106	0.1020	0.0254	0.0012	0.0164	0.0412	0.0054	0.0026	0.0007	0.0818	0.1708
18	2045	ALT3	EB	AM	Mainline	0.73	0.95	19.64	3.58	7992	5535	0.0893	0.0823	0.0225	0.0011	0.0130	0.0335	0.0048	0.0024	0.0006	0.0635	0.1289
19	2045	ALT3	EB	AM	Mainline	0.58	0.74	14.33	2.69	6077	4207	0.0721	0.0665	0.0178	0.0009	0.0096	0.0252	0.0039	0.0018	0.0005	0.0526	0.0918
20	2045	ALT3	EB	AM	Mainline	1.17	1.51	29.12	5.53	12354	8568	0.1488	0.1372	0.0360	0.0017	0.0200	0.0520	0.0078	0.0036	0.0010	0.1093	0.1932
21	2045	ALT3	EB	AM	Mainline	0.13	0.17	3.08	0.59	1335	926	0.0166	0.0153	0.0040	0.0002	0.0021	0.0056	0.0009	0.0004	0.0001	0.0124	0.0203
22	2045	ALT3	EB	AM	Mainline	0.50	0.64	11.84	2.26	5126	3547	0.0627	0.0578	0.0154	0.0008	0.0080	0.0213	0.0033	0.0015	0.0004	0.0462	0.0751
23	2045	ALT3	EB	AM	Mainline	0.50	0.64	11.79	2.32	5148	3579	0.0658	0.0606	0.0153	0.0007	0.0084	0.0220	0.0033	0.0015	0.0004	0.0495	0.0808
24	2045	ALT3	EB	AM	Mainline	0.46	0.60	10.94	2.08	4753	3287	0.0582	0.0536	0.0144	0.0007	0.0074	0.0196	0.0031	0.0014	0.0004	0.0428	0.0683
25	2045	ALT3	EB	AM	Mainline	0.30	0.38	7.16	1.35	3069	2124	0.0369	0.0340	0.0091	0.0004	0.0048	0.0127	0.0020	0.0009	0.0002	0.0270	0.0454
26	2045	ALT3	EB	AM	Mainline	2.59	3.33	60.43	11.29	26268	18114	0.3144	0.2899	0.0803	0.0040	0.0396	0.1066	0.0176	0.0078	0.0020	0.2289	0.3582
27	2045	ALT3	EB	AM	Mainline	2.05	2.63	45.83	8.59	20272	13978	0.2485	0.2291	0.0635	0.0031	0.0305	0.0828	0.0139	0.0060	0.0016	0.1824	0.2712
28	2045	ALT3	EB	AM	Mainline	1.13	1.45	25.63	4.76	11264	7760	0.1358	0.1252	0.0351	0.0017	0.0168	0.0457	0.0077	0.0034	0.0009	0.0990	0.1491
29	2045	ALT3	EB	AM	Mainline	0.79	1.01	17.73	3.22	7771	5335	0.0906	0.0836	0.0245	0.0012	0.0112	0.0309	0.0054	0.0023	0.0006	0.0649	0.0966
30	2045	ALT3	EB	AM	Mainline	1.35	1.73	30.05	5.41	13191	9047	0.1528	0.1409	0.0419	0.0021	0.0189	0.0522	0.0092	0.0040	0.0010	0.1090	0.1606
31	2045	ALT3	EB	AM	Mainline	1.01	1.30	22.87	4.07	9953	6816	0.1123	0.1036	0.0314	0.0016	0.0140	0.0389	0.0069	0.0030	0.0008	0.0791	0.1185
32	2045	ALT3	EB	AM	Mainline	1.08	1.38	25.15	4.55	10841	7442	0.1234	0.1138	0.0334	0.0017	0.0156	0.0427	0.0073	0.0033	0.0008	0.0876	0.1367
33	2045	ALT3	EB	AM	Mainline	1.00	1.29	24.14	4.25	10214	6994	0.1108	0.1022	0.0311	0.0016	0.0144	0.0394	0.0068	0.0031	0.0007	0.0768	0.1247
34	2045	ALT3	EB	AM	Mainline	1.17	1.51	28.85	5.17	12145	8346	0.1349	0.1244	0.0363	0.0018	0.0178	0.0480	0.0079	0.0036	0.0009	0.0949	0.1608
35	2045	ALT3	EB	AM	Mainline	0.66	0.85	15.99	2.78	6737	4605	0.0714	0.0659	0.0206	0.0010	0.0093	0.0257	0.0045	0.0020	0.0005	0.0488	0.0794
36	2045	ALT3	EB	AM	Mainline	0.79	1.02	19.16	3.33	8072	5517	0.0855	0.0789	0.0247	0.0012	0.0111	0.0307	0.0054	0.0025	0.0006	0.0585	0.0951
37	2045	ALT3	EB	AM	Mainline	1.07	1.38	25.81	4.48	10872	7430	0.1152	0.1063	0.0332	0.0017	0.0150	0.0414	0.0073	0.0033	0.0008	0.0788	0.1281
38	2045	ALT3	EB	AM	Mainline	1.58	2.04	39.66	6.73	16356	11160	0.1658	0.1530	0.0491	0.0025	0.0222	0.0614	0.0108	0.0050	0.0012	0.1108	0.1909
39	2045	ALT3	EB	AM	Mainline	1.67	2.15	40.38	6.80	16903	11502	0.1702	0.1570	0.0521	0.0026	0.0222	0.0624	0.0115	0.0052	0.0012	0.1128	0.1818
40	2045	ALT3	EB	AM	Mainline	1.11	1.43	25.75	4.40	11002	7497	0.1153	0.1064	0.0346	0.0017	0.0147	0.0414	0.0077	0.0034	0.0008	0.0781	0.1197
41	2045	ALT3	EB	AM	Mainline	0.41	0.53	9.87	1.67	4147	2823	0.0420	0.0388	0.0128	0.0006	0.0054	0.0153	0.0028	0.0013	0.0003	0.0279	0.0446
42	2045	ALT3	EB	AM	Mainline	1.20	1.55	29.67	5.06	12324	8409	0.1262	0.1164	0.0373	0.0019	0.0167	0.0463	0.0082	0.0038	0.0009	0.0847	0.1428
43	2045	ALT3	EB	AM	Mainline	0.53	0.68	12.55	2.12	5290	3600	0.0538	0.0497	0.0164	0.0008	0.0069	0.0196	0.0036	0.0016	0.0004	0.0359	0.0566
44	2045	ALT3	EB	AM	Mainline	0.83	1.07	19.84	3.36	8365	5693	0.0851	0.0785	0.0260	0.0013	0.0110	0.0310	0.0058	0.0026	0.0006	0.0567	0.0895
45	2045	ALT3	EB	AM	Mainline	0.37	0.48	8.87	1.49	3723	2532	0.0373	0.0345	0.0115	0.0006	0.0048	0.0137	0.0026	0.0011	0.0003	0.0247	0.0394
46	2045	ALT3	EB	AM	Mainline	0.97	1.26	24.40	4.09	10054	6849	0.1002	0.0924	0.0304	0.0015	0.0134	0.0373	0.0067	0.0031	0.0007	0.0661	0.1130
47	2045	ALT3	EB	AM	Mainline	0.06	0.07	1.35	0.23	569	387	0.0057	0.0053	0.0018	0.0001	0.0007	0.0021	0.0004	0.0002	0.0000	0.0038	0.0059
48	2045	ALT3	EB	AM	Mainline	1.16	1.49	26.98	4.59	11497	7830	0.1194	0.1102	0.0361	0.0018	0.0152	0.0430	0.0080	0.0035	0.0008	0.0805	0.1238
49	2045	ALT3	EB	AM	Mainline	0.09	0.12	2.21	0.38	931	634	0.0095	0.0088	0.0029	0.0001	0.0012	0.0035	0.0006	0.0003	0.0001	0.0063	0.0101
50	2045	ALT3	EB	AM	Mainline	1.41	1.81	33.56	5.84	14234	9724	0.1517	0.1400	0.0439	0.0022	0.0195	0.0541	0.0097	0.0043	0.0010	0.1040	0.1650
51	2045	ALT3	EB	AM	Mainline	0.23	0.30	5.80	0.99	2399	1638	0.0246	0.0227	0.0072	0.0004	0.0033	0.0091	0.0016	0.0007	0.0002	0.0166	0.0284
52	2045	ALT3	EB	AM	Mainline	0.33	0.43	8.68	1.46	3530	2410	0.0352	0.0325	0.0104	0.0005	0.0048	0.0132	0.0023	0.0011	0.0002	0.0233	0.0422
53	2045	ALT3	EB	AM	Mainline	0.24	0.32	6.53	1.12	2637	1809	0.0271	0.0250	0.0076	0.0004	0.0038	0.0102	0.0017	0.0008	0.0002	0.0184	0.0352
54	2045	ALT3	EB	AM	Mainline	1.24	1.63	35.23	6.00	13850	9522	0.1398	0.1290	0.0386	0.0019	0.0211	0.0552	0.0083	0.0042	0.0010	0.0939	0.2037
55	2045	ALT3	EB	AM	Mainline	0.62	0.81	16.08	2.81	6609	4535	0.0701	0.0646	0.0194	0.0010	0.0096	0.0258	0.0042	0.0020	0.0005	0.0482	0.0874
56	2045	ALT3	EB	AM	Mainline	0.76	0.99	20.21	3.63	8256	5696	0.0905	0.0834	0.0235	0.0011	0.0128	0.0335	0.0051	0.0025	0.0006	0.0636	0.1228
57	2045	ALT3	EB	AM	Mainline	0.48	0.61	10.87	1.97	4744	3257	0.0551	0.0508	0.0149	0.0007	0.0069	0.0188	0.0033	0.0014	0.0004	0.0394	0.0594
58	2045	ALT3	EB	AM	Mainline	1.55	1.99	35.51	6.64	15540	10716	0.1877	0.1731	0.0480	0.0024	0.0234	0.0632	0.0105	0.0046	0.0012	0.1371	0.2106
59	2045	ALT3	EB	AM	Mainline	0.40	0.51	8.88	1.64	3916	2694	0.0470	0.0433	0.0123	0.0006	0.0058	0.0158	0.0027	0.0012	0.0003	0.0341	0.0504
60	2045	ALT3	EB	AM	Mainline	1.56	2.00	34.98	6.71	15526	10740	0.1963	0.1810	0.0482	0.0024	0.0241	0.0646	0.0105	0.0046	0.0012	0.1462	0.2196

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
61	2045	ALT3	EB	AM	Mainline	0.38	0.49	8.46	1.54	3721	2556	0.0437	0.0403	0.0118	0.0006	0.0054	0.0148	0.0026	0.0011	0.0003	0.0314	0.0465
62	2045	ALT3	EB	AM	Mainline	0.76	0.97	16.56	3.12	7405	5109	0.0927	0.0854	0.0235	0.0012	0.0112	0.0304	0.0051	0.0022	0.0006	0.0685	0.0991
63	2045	ALT3	EB	AM	Mainline	0.28	0.36	6.22	1.22	2804	1944	0.0370	0.0341	0.0088	0.0004	0.0045	0.0119	0.0019	0.0008	0.0002	0.0280	0.0408
64	2045	ALT3	EB	AM	Mainline	0.84	1.08	18.47	3.81	8414	5876	0.1185	0.1092	0.0259	0.0013	0.0142	0.0371	0.0056	0.0024	0.0007	0.0922	0.1362
65	2045	ALT3	EB	AM	Mainline	0.27	0.34	5.91	1.21	2682	1871	0.0373	0.0343	0.0083	0.0004	0.0045	0.0118	0.0018	0.0008	0.0002	0.0288	0.0429
66	2045	ALT3	EB	AM	Mainline	0.10	0.12	2.14	0.49	1003	711	0.0161	0.0149	0.0030	0.0001	0.0019	0.0048	0.0006	0.0003	0.0001	0.0132	0.0200
67	2045	ALT3	EB	AM	Mainline	0.70	0.88	15.17	3.80	7276	5226	0.1286	0.1185	0.0210	0.0010	0.0155	0.0376	0.0044	0.0019	0.0007	0.1082	0.1669
68	2045	ALT3	EB	AM	Mainline	0.52	0.66	11.16	2.72	5360	3832	0.0934	0.0860	0.0159	0.0007	0.0110	0.0270	0.0033	0.0015	0.0005	0.0780	0.1156
69	2045	ALT3	EB	AM	Mainline	1.19	1.51	25.23	6.67	12412	8980	0.2353	0.2168	0.0358	0.0016	0.0277	0.0665	0.0074	0.0032	0.0013	0.2013	0.3033
70	2045	ALT3	EB	AM	Mainline	0.75	0.95	15.32	3.96	7597	5470	0.1441	0.1327	0.0226	0.0010	0.0162	0.0396	0.0047	0.0020	0.0008	0.1229	0.1732
71	2045	ALT3	EB	AM	Mainline	0.85	1.06	16.73	5.10	8797	6485	0.1984	0.1827	0.0251	0.0011	0.0219	0.0514	0.0051	0.0022	0.0010	0.1761	0.2482
72	2045	ALT3	EB	AM	Mainline	0.84	1.06	16.62	4.80	8595	6284	0.1847	0.1701	0.0250	0.0011	0.0203	0.0482	0.0052	0.0022	0.0010	0.1621	0.2245
73	2045	ALT3	EB	AM	Ramp	0.05	0.07	1.19	0.14	519	343	0.0039	0.0036	0.0016	0.0001	0.0006	0.0018	0.0004	0.0003	0.0000	0.0007	0.0051
74	2045	ALT3	EB	AM	Ramp	0.06	0.09	1.02	0.14	522	348	0.0046	0.0043	0.0019	0.0001	0.0012	0.0031	0.0004	0.0003	0.0000	0.0009	0.0132
75	2045	ALT3	EB	AM	Ramp	0.06	0.09	1.14	0.15	571	380	0.0049	0.0045	0.0020	0.0001	0.0011	0.0029	0.0004	0.0004	0.0001	0.0009	0.0115
76	2045	ALT3	EB	AM	Ramp	0.10	0.15	1.69	0.24	899	599	0.0080	0.0074	0.0034	0.0002	0.0021	0.0053	0.0007	0.0006	0.0001	0.0014	0.0226
77	2045	ALT3	EB	AM	Ramp	0.07	0.10	1.35	0.17	655	434	0.0054	0.0050	0.0023	0.0001	0.0011	0.0030	0.0005	0.0004	0.0001	0.0009	0.0109
78	2045	ALT3	EB	AM	Ramp	0.11	0.17	1.44	0.21	891	591	0.0088	0.0082	0.0037	0.0002	0.0025	0.0062	0.0008	0.0007	0.0001	0.0012	0.0275
79	2045	ALT3	EB	AM	Ramp	0.12	0.17	1.67	0.23	974	644	0.0091	0.0085	0.0038	0.0002	0.0022	0.0057	0.0008	0.0007	0.0001	0.0012	0.0232
80	2045	ALT3	EB	AM	Ramp	0.20	0.30	3.31	0.43	1776	1175	0.0156	0.0145	0.0066	0.0003	0.0035	0.0093	0.0014	0.0012	0.0002	0.0022	0.0354
81	2045	ALT3	EB	AM	Ramp	0.12	0.16	3.23	0.43	1292	866	0.0098	0.0091	0.0037	0.0002	0.0018	0.0049	0.0008	0.0006	0.0001	0.0031	0.0170
82	2045	ALT3	EB	AM	Ramp	0.17	0.26	3.48	0.42	1690	1114	0.0137	0.0127	0.0058	0.0003	0.0024	0.0069	0.0013	0.0010	0.0002	0.0019	0.0220
83	2045	ALT3	EB	AM	Ramp	0.03	0.03	0.68	0.12	277	191	0.0025	0.0023	0.0008	0.0000	0.0006	0.0014	0.0002	0.0001	0.0000	0.0013	0.0066
84	2045	ALT3	EB	AM	Ramp	0.04	0.06	1.42	0.16	525	347	0.0034	0.0032	0.0015	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0008	0.0040
85	2045	ALT3	EB	AM	Ramp	0.11	0.15	2.94	0.53	1201	837	0.0113	0.0105	0.0034	0.0001	0.0028	0.0066	0.0007	0.0005	0.0001	0.0063	0.0322
86	2045	ALT3	EB	AM	Ramp	0.11	0.16	2.65	0.46	1184	815	0.0110	0.0102	0.0036	0.0002	0.0026	0.0063	0.0007	0.0005	0.0001	0.0049	0.0285
87	2045	ALT3	EB	AM	Ramp	0.03	0.05	0.72	0.11	337	228	0.0029	0.0027	0.0011	0.0001	0.0007	0.0018	0.0002	0.0002	0.0000	0.0009	0.0080
88	2045	ALT3	EB	AM	Ramp	0.07	0.10	1.69	0.25	736	498	0.0062	0.0057	0.0022	0.0001	0.0012	0.0032	0.0005	0.0004	0.0001	0.0022	0.0126
89	2045	ALT3	EB	AM	Ramp	0.02	0.03	0.42	0.06	194	130	0.0016	0.0015	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0004	0.0041
90	2045	ALT3	EB	AM	Ramp	0.03	0.04	0.47	0.15	257	189	0.0033	0.0031	0.0009	0.0000	0.0013	0.0029	0.0002	0.0001	0.0000	0.0022	0.0172
91	2045	ALT3	EB	AM	Ramp	0.12	0.17	2.51	0.40	1172	797	0.0104	0.0097	0.0038	0.0002	0.0027	0.0067	0.0008	0.0006	0.0001	0.0037	0.0304
92	2045	ALT3	EB	AM	Ramp	0.05	0.07	0.86	0.19	446	314	0.0047	0.0043	0.0016	0.0001	0.0019	0.0043	0.0003	0.0002	0.0000	0.0023	0.0242
93	2045	ALT3	EB	AM	Ramp	0.51	0.69	14.07	2.63	5670	3975	0.0552	0.0510	0.0156	0.0007	0.0136	0.0321	0.0031	0.0020	0.0004	0.0331	0.1585
94	2045	ALT3	EB	AM	Ramp	0.36	0.52	8.20	1.22	3700	2499	0.0315	0.0292	0.0117	0.0006	0.0070	0.0180	0.0025	0.0019	0.0003	0.0102	0.0744
95	2045	ALT3	EB	AM	Ramp	0.18	0.26	2.51	0.43	1409	953	0.0136	0.0126	0.0057	0.0002	0.0053	0.0123	0.0011	0.0009	0.0001	0.0034	0.0630
96	2045	ALT3	EB	AM	Ramp	0.03	0.04	0.86	0.11	303	204	0.0022	0.0020	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0009	0.0038
97	2045	ALT3	EB	AM	Ramp	0.04	0.06	1.07	0.22	463	327	0.0047	0.0044	0.0013	0.0001	0.0013	0.0029	0.0003	0.0002	0.0000	0.0028	0.0151
98	2045	ALT3	EB	AM	Ramp	0.03	0.04	0.63	0.15	281	202	0.0032	0.0030	0.0008	0.0000	0.0009	0.0020	0.0001	0.0001	0.0000	0.0022	0.0111
99	2045	ALT3	EB	AM	Ramp	0.07	0.10	2.01	0.35	806	559	0.0073	0.0068	0.0022	0.0001	0.0017	0.0042	0.0005	0.0003	0.0001	0.0039	0.0197
100	2045	ALT3	EB	AM	Ramp	0.10	0.14	2.95	0.41	1132	764	0.0087	0.0080	0.0032	0.0002	0.0017	0.0045	0.0007	0.0005	0.0001	0.0033	0.0170
101	2045	ALT3	EB	AM	Ramp	0.03	0.05	0.99	0.18	390	273	0.0038	0.0035	0.0011	0.0000	0.0009	0.0021	0.0002	0.0001	0.0000	0.0023	0.0103
102	2045	ALT3	EB	AM	Ramp	0.05	0.06	1.44	0.19	532	356	0.0037	0.0034	0.0015	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0012	0.0060
103	2045	ALT3	EB	AM	Ramp	0.02	0.02	0.53	0.07	191	129	0.0014	0.0013	0.0005	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0006	0.0026
104	2045	ALT3	EB	AM	Ramp	0.09	0.13	2.06	0.24	907	599	0.0068	0.0063	0.0029	0.0001	0.0011	0.0032	0.0006	0.0005	0.0001	0.0012	0.0088
105	2045	ALT3	EB	AM	Ramp	0.03	0.05	0.98	0.13	378	253	0.0027	0.0025	0.0011	0.0001	0.0005	0.0013	0.0002	0.0002	0.0000	0.0008	0.0044
106	2045	ALT3	EB	AM	Ramp	0.03	0.04	0.36	0.05	226	148	0.0022	0.0020	0.0009	0.0000	0.0004	0.0011	0.0002	0.0002	0.0000	0.0002	0.0036
107	2045	ALT3	EB	AM	Ramp	0.06	0.08	1.46	0.23	623	425	0.0054	0.0050	0.0018	0.0001	0.0012	0.0029	0.0004	0.0003	0.0000	0.0022	0.0125
108	2045	ALT3	EB	AM	Ramp	0.10	0.15	2.19	0.25	1031	678	0.0081	0.0075	0.0034	0.0002	0.0013	0.0038	0.0007	0.0006	0.0001	0.0011	0.0109

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
109	2045	ALT3	EB	AM	Ramp	0.05	0.08	1.53	0.22	608	412	0.0048	0.0045	0.0017	0.0001	0.0010	0.0026	0.0004	0.0003	0.0000	0.0019	0.0101
110	2045	ALT3	EB	AM	Ramp	0.10	0.15	2.41	0.30	1052	697	0.0080	0.0074	0.0033	0.0002	0.0013	0.0038	0.0007	0.0006	0.0001	0.0016	0.0113
111	2045	ALT3	EB	AM	Ramp	0.03	0.05	1.07	0.14	387	259	0.0027	0.0025	0.0011	0.0001	0.0005	0.0013	0.0002	0.0002	0.0000	0.0009	0.0044
112	2045	ALT3	EB	AM	Ramp	0.11	0.16	2.57	0.33	1156	769	0.0092	0.0085	0.0037	0.0002	0.0017	0.0048	0.0008	0.0006	0.0001	0.0020	0.0167
113	2045	ALT3	EB	AM	Ramp	0.09	0.14	2.09	0.27	949	630	0.0075	0.0070	0.0031	0.0002	0.0014	0.0039	0.0007	0.0005	0.0001	0.0015	0.0132
114	2045	ALT3	EB	AM	Ramp	0.08	0.11	1.69	0.20	769	507	0.0059	0.0055	0.0025	0.0001	0.0010	0.0028	0.0005	0.0004	0.0001	0.0009	0.0083
115	2045	ALT3	EB	AM	Ramp																	
116	2045	ALT3	EB	AM	Ramp	0.03	0.04	0.68	0.07	289	190	0.0021	0.0019	0.0009	0.0000	0.0003	0.0009	0.0002	0.0002	0.0000	0.0003	0.0017
117	2045	ALT3	EB	AM	Ramp	0.04	0.06	1.11	0.15	461	309	0.0036	0.0033	0.0014	0.0001	0.0006	0.0018	0.0003	0.0002	0.0000	0.0011	0.0060
118	2045	ALT3	EB	AM	Ramp	0.03	0.04	0.76	0.09	321	212	0.0024	0.0022	0.0010	0.0001	0.0003	0.0010	0.0002	0.0002	0.0000	0.0004	0.0026
119	2045	ALT3	EB	AM	Ramp	0.07	0.10	1.92	0.23	784	519	0.0057	0.0053	0.0023	0.0001	0.0008	0.0025	0.0005	0.0004	0.0001	0.0012	0.0069
120	2045	ALT3	EB	AM	Ramp	0.03	0.04	0.68	0.08	287	190	0.0021	0.0020	0.0009	0.0000	0.0003	0.0009	0.0002	0.0002	0.0000	0.0004	0.0025
121	2045	ALT3	EB	AM	Ramp	0.09	0.12	2.87	0.39	1030	694	0.0075	0.0069	0.0028	0.0001	0.0014	0.0038	0.0006	0.0004	0.0001	0.0031	0.0136
122	2045	ALT3	EB	AM	Ramp	0.74	1.04	20.73	3.07	8275	5618	0.0670	0.0619	0.0236	0.0011	0.0140	0.0360	0.0050	0.0036	0.0006	0.0270	0.1457
123	2045	ALT3	EB	AM	Ramp	0.48	0.67	14.32	2.07	5496	3726	0.0432	0.0399	0.0154	0.0007	0.0088	0.0229	0.0032	0.0022	0.0004	0.0179	0.0909
124	2045	ALT3	EB	AM	Ramp																	
125	2045	ALT3	EB	AM	Ramp	0.17	0.24	2.42	0.36	1361	910	0.0128	0.0118	0.0054	0.0002	0.0040	0.0097	0.0011	0.0009	0.0001	0.0024	0.0450
126	2045	ALT3	EB	AM	Ramp	0.02	0.03	0.39	0.06	179	121	0.0016	0.0014	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0005	0.0042
127	2045	ALT3	EB	AM	Ramp	0.25	0.38	3.12	0.42	2033	1340	0.0205	0.0190	0.0084	0.0004	0.0046	0.0122	0.0018	0.0016	0.0002	0.0020	0.0488
128	2045	ALT3	EB	AM	Ramp	0.00	0.01	0.10	0.01	42	28	0.0003	0.0003	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0004
129	2045	ALT3	EB	AM	Ramp	0.31	0.46	3.96	0.60	2421	1612	0.0239	0.0221	0.0101	0.0005	0.0073	0.0179	0.0020	0.0018	0.0003	0.0036	0.0827
130	2045	ALT3	EB	AM	Ramp	0.03	0.04	0.79	0.11	293	198	0.0022	0.0020	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0009	0.0042
131	2045	ALT3	EB	AM	Ramp	0.33	0.49	5.28	0.71	2859	1897	0.0256	0.0237	0.0108	0.0005	0.0062	0.0162	0.0023	0.0019	0.0003	0.0040	0.0659
132	2045	ALT3	EB	AM	Ramp	0.02	0.02	0.53	0.08	201	136	0.0016	0.0015	0.0006	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0007	0.0033
133	2045	ALT3	EB	AM	Ramp	0.24	0.36	4.53	0.56	2284	1509	0.0192	0.0178	0.0081	0.0004	0.0038	0.0105	0.0017	0.0014	0.0002	0.0028	0.0369
134	2045	ALT3	EB	AM	Ramp	0.23	0.32	7.15	0.98	2671	1799	0.0198	0.0183	0.0074	0.0004	0.0038	0.0102	0.0016	0.0011	0.0002	0.0075	0.0374
135	2045	ALT3	EB	AM	Ramp	0.23	0.34	3.75	0.55	1975	1323	0.0179	0.0165	0.0074	0.0003	0.0052	0.0129	0.0015	0.0012	0.0002	0.0038	0.0587
136	2045	ALT3	EB	AM	Ramp	0.01	0.01	0.18	0.03	80	54	0.0007	0.0006	0.0003	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0002	0.0014
137	2045	ALT3	EB	AM	Ramp	0.83	1.10	17.56	4.85	8465	6217	0.1066	0.0983	0.0242	0.0009	0.0326	0.0714	0.0044	0.0027	0.0007	0.0766	0.4086
138	2045	ALT3	EB	AM	Ramp																	
139	2045	ALT3	EB	AM	Ramp	0.03	0.05	0.80	0.11	358	239	0.0029	0.0026	0.0011	0.0001	0.0005	0.0015	0.0002	0.0002	0.0000	0.0007	0.0053
140	2045	ALT3	EB	AM	Ramp	0.17	0.25	2.77	0.37	1477	981	0.0131	0.0122	0.0055	0.0003	0.0032	0.0083	0.0012	0.0010	0.0001	0.0021	0.0338
141	2045	ALT3	EB	AM	Ramp	0.01	0.01	0.34	0.04	122	81	0.0008	0.0007	0.0003	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0002	0.0010
142	2045	ALT3	EB	AM	Ramp	0.04	0.06	1.34	0.16	505	335	0.0034	0.0032	0.0014	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0009	0.0044
143	2045	ALT3	EB	AM	Ramp	0.03	0.04	1.03	0.12	369	244	0.0023	0.0022	0.0010	0.0001	0.0004	0.0011	0.0002	0.0002	0.0000	0.0006	0.0027
144	2045	ALT3	EB	AM	HOT	0.82	1.07	20.66	2.41	7959	5175	0.0340	0.0315	0.0262	0.0014	0.0052	0.0201	0.0060	0.0027	0.0004	0.0033	0.0060
145	2045	ALT3	EB	AM	HOT	0.82	1.07	20.66	2.41	7959	5175	0.0340	0.0315	0.0262	0.0014	0.0052	0.0201	0.0060	0.0027	0.0004	0.0033	0.0060
146	2045	ALT3	EB	AM	HOT	0.82	1.07	20.66	2.41	7959	5175	0.0340	0.0315	0.0262	0.0014	0.0052	0.0201	0.0060	0.0027	0.0004	0.0033	0.0060
147	2045	ALT3	EB	AM	HOT	0.82	1.07	20.66	2.41	7959	5175	0.0340	0.0315	0.0262	0.0014	0.0052	0.0201	0.0060	0.0027	0.0004	0.0033	0.0060
148	2045	ALT3	EB	AM	HOT	0.82	1.07	20.66	2.41	7959	5175	0.0340	0.0315	0.0262	0.0014	0.0052	0.0201	0.0060	0.0027	0.0004	0.0033	0.0060
149	2045	ALT3	EB	AM	HOT	0.82	1.07	20.66	2.41	7959	5175	0.0340	0.0315	0.0262	0.0014	0.0052	0.0201	0.0060	0.0027	0.0004	0.0033	0.0060
150	2045	ALT3	EB	AM	HOT	0.95	1.24	24.55	2.86	9355	6082	0.0399	0.0370	0.0305	0.0016	0.0060	0.0234	0.0070	0.0032	0.0005	0.0038	0.0071
151	2045	ALT3	EB	AM	HOT	0.95	1.24	24.55	2.86	9355	6082	0.0399	0.0370	0.0305	0.0016	0.0060	0.0234	0.0070	0.0032	0.0005	0.0038	0.0071
152	2045	ALT3	EB	AM	HOT	0.95	1.24	24.55	2.86	9355	6082	0.0399	0.0370	0.0305	0.0016	0.0060	0.0234	0.0070	0.0032	0.0005	0.0038	0.0071
153	2045	ALT3	EB	AM	HOT	0.66	0.86	16.07	1.86	6282	4084	0.0269	0.0249	0.0211	0.0011	0.0042	0.0162	0.0049	0.0021	0.0003	0.0026	0.0046
154	2045	ALT3	EB	AM	HOT	0.66	0.86	16.07	1.86	6282	4084	0.0269	0.0249	0.0211	0.0011	0.0042	0.0162	0.0049	0.0021	0.0003	0.0026	0.0046
155	2045	ALT3	EB	AM	HOT	0.66	0.86	16.07	1.86	6282	4084	0.0269	0.0249	0.0211	0.0011	0.0042	0.0162	0.0049	0.0021	0.0003	0.0026	0.0046
156	2045	ALT3	EB	AM	HOT	0.66	0.86	16.07	1.86	6282	4084	0.0269	0.0249	0.0211	0.0011	0.0042	0.0162	0.0049	0.0021	0.0003	0.0026	0.0046

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlyl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
157	2045	ALT3	EB	AM	HOT	0.66	0.86	16.07	1.86	6282	4084	0.0269	0.0249	0.0211	0.0011	0.0042	0.0162	0.0049	0.0021	0.0003	0.0026	0.0046
158	2045	ALT3	EB	AM	HOT	0.66	0.86	16.07	1.86	6282	4084	0.0269	0.0249	0.0211	0.0011	0.0042	0.0162	0.0049	0.0021	0.0003	0.0026	0.0046
159	2045	ALT3	EB	AM	HOT	0.66	0.86	16.07	1.86	6282	4084	0.0269	0.0249	0.0211	0.0011	0.0042	0.0162	0.0049	0.0021	0.0003	0.0026	0.0046
160	2045	ALT3	EB	AM	HOT	0.66	0.86	16.07	1.86	6282	4084	0.0269	0.0249	0.0211	0.0011	0.0042	0.0162	0.0049	0.0021	0.0003	0.0026	0.0046
161	2045	ALT3	EB	AM	HOT	0.08	0.10	1.88	0.22	741	482	0.0032	0.0029	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0005
162	2045	ALT3	EB	AM	HOT	0.08	0.10	1.88	0.22	741	482	0.0032	0.0029	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0005
163	2045	ALT3	EB	AM	HOT	0.08	0.10	1.88	0.22	741	482	0.0032	0.0029	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0005
164	2045	ALT3	EB	AM	HOT	0.08	0.10	1.88	0.22	741	482	0.0032	0.0029	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0005
165	2045	ALT3	EB	AM	HOT	0.08	0.10	1.88	0.22	741	482	0.0032	0.0029	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0005
166	2045	ALT3	EB	AM	HOT	0.08	0.10	1.88	0.22	741	482	0.0032	0.0029	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0005
167	2045	ALT3	EB	AM	HOT	0.08	0.10	1.88	0.22	741	482	0.0032	0.0029	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0005
168	2045	ALT3	EB	AM	HOT	0.08	0.10	1.88	0.22	741	482	0.0032	0.0029	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0005
169	2045	ALT3	EB	AM	HOT	0.08	0.10	1.88	0.22	741	482	0.0032	0.0029	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0005
170	2045	ALT3	EB	AM	HOT	0.08	0.10	1.88	0.22	741	482	0.0032	0.0029	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0005
171	2045	ALT3	EB	AM	HOT	0.02	0.02	0.45	0.05	180	117	0.0008	0.0007	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0001
172	2045	ALT3	EB	AM	HOT	0.02	0.02	0.45	0.05	180	117	0.0008	0.0007	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0001
173	2045	ALT3	EB	AM	HOT	0.02	0.02	0.45	0.05	180	117	0.0008	0.0007	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0001
174	2045	ALT3	EB	AM	HOT	0.02	0.02	0.45	0.05	180	117	0.0008	0.0007	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0001
175	2045	ALT3	EB	AM	HOT	0.02	0.02	0.45	0.05	180	117	0.0008	0.0007	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0001
176	2045	ALT3	EB	AM	HOT	0.02	0.02	0.45	0.05	180	117	0.0008	0.0007	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0001
177	2045	ALT3	EB	AM	HOT	0.02	0.02	0.45	0.05	180	117	0.0008	0.0007	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0001
178	2045	ALT3	EB	AM	HOT	0.02	0.02	0.45	0.05	180	117	0.0008	0.0007	0.0006	0.0000	0.0001	0.0005	0.0001	0.0001	0.0000	0.0001	0.0001
179	2045	ALT3	EB	AM	HOT	0.08	0.10	1.79	0.21	708	461	0.0030	0.0028	0.0024	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0005
180	2045	ALT3	EB	AM	HOT	0.08	0.10	1.79	0.21	708	461	0.0030	0.0028	0.0024	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0005
181	2045	ALT3	EB	AM	HOT	0.07	0.09	1.69	0.19	671	436	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
182	2045	ALT3	EB	AM	HOT	0.07	0.09	1.69	0.19	671	436	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
183	2045	ALT3	EB	AM	HOT	0.07	0.09	1.69	0.19	671	436	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
184	2045	ALT3	EB	AM	HOT	0.07	0.09	1.69	0.19	671	436	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
185	2045	ALT3	EB	AM	HOT	0.07	0.09	1.69	0.19	671	436	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
186	2045	ALT3	EB	AM	HOT	0.07	0.09	1.69	0.19	671	436	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
187	2045	ALT3	EB	AM	HOT	0.07	0.09	1.69	0.19	671	436	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
188	2045	ALT3	EB	AM	HOT	0.07	0.09	1.69	0.19	671	436	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
189	2045	ALT3	EB	AM	HOT	0.07	0.09	1.69	0.19	671	436	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
190	2045	ALT3	EB	AM	HOT	0.07	0.09	1.69	0.19	671	436	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
191	2045	ALT3	EB	AM	HOT	0.17	0.23	4.15	0.48	1637	1064	0.0070	0.0065	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0012
192	2045	ALT3	EB	AM	HOT	0.17	0.23	4.15	0.48	1637	1064	0.0070	0.0065	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0012
193	2045	ALT3	EB	AM	HOT	0.17	0.23	4.15	0.48	1637	1064	0.0070	0.0065	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0012
194	2045	ALT3	EB	AM	HOT	0.17	0.23	4.15	0.48	1637	1064	0.0070	0.0065	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0012
195	2045	ALT3	EB	AM	HOT	0.17	0.23	4.15	0.48	1637	1064	0.0070	0.0065	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0012
196	2045	ALT3	EB	AM	HOT	0.17	0.23	4.15	0.48	1637	1064	0.0070	0.0065	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0012
197	2045	ALT3	EB	AM	HOT	0.17	0.23	4.15	0.48	1637	1064	0.0070	0.0065	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0012
198	2045	ALT3	EB	AM	HOT	0.17	0.23	4.15	0.48	1637	1064	0.0070	0.0065	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0012
199	2045	ALT3	EB	AM	HOT	0.03	0.04	0.69	0.08	271	176	0.0012	0.0011	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
200	2045	ALT3	EB	AM	HOT	0.03	0.04	0.69	0.08	271	176	0.0012	0.0011	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
201	2045	ALT3	EB	AM	HOT	0.03	0.04	0.69	0.08	271	176	0.0012	0.0011	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
202	2045	ALT3	EB	AM	HOT	0.03	0.04	0.69	0.08	271	176	0.0012	0.0011	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
203	2045	ALT3	EB	AM	HOT	0.03	0.04	0.69	0.08	271	176	0.0012	0.0011	0.0009	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
204	2045	ALT3	EB	AM	HOT	0.02	0.03	0.56	0.06	219	142	0.0009	0.0009	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
205	2045	ALT3	EB	AM	HOT	0.02	0.03	0.56	0.06	219	142	0.0009	0.0009	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
206	2045	ALT3	EB	AM	HOT	0.02	0.03	0.56	0.06	219	142	0.0009	0.0009	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
207	2045	ALT3	EB	AM	HOT	0.02	0.03	0.56	0.06	219	142	0.0009	0.0009	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
208	2045	ALT3	EB	AM	HOT	0.02	0.03	0.56	0.06	219	142	0.0009	0.0009	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
209	2045	ALT3	EB	AM	HOT	0.02	0.03	0.56	0.06	219	142	0.0009	0.0009	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
210	2045	ALT3	EB	AM	HOT	0.01	0.02	0.34	0.04	136	88	0.0006	0.0005	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
211	2045	ALT3	EB	AM	HOT	0.01	0.02	0.34	0.04	136	88	0.0006	0.0005	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
212	2045	ALT3	EB	AM	HOT	0.01	0.02	0.34	0.04	136	88	0.0006	0.0005	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
213	2045	ALT3	EB	AM	HOT	0.01	0.02	0.34	0.04	136	88	0.0006	0.0005	0.0005	0.0000	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0001
214	2045	ALT3	EB	AM	HOV																	
215	2045	ALT3	EB	AM	HOV																	
1	2045	ALT3	EB	MD	Mainline	1.07	1.36	25.12	6.36	11707	8471	0.1992	0.1835	0.0318	0.0014	0.0272	0.0641	0.0065	0.0030	0.0011	0.1672	0.3083
2	2045	ALT3	EB	MD	Mainline	2.72	3.45	61.52	16.29	29473	21422	0.5350	0.4928	0.0809	0.0035	0.0699	0.1642	0.0165	0.0076	0.0029	0.4559	0.7920
3	2045	ALT3	EB	MD	Mainline	0.13	0.17	2.88	0.75	1386	1002	0.0252	0.0232	0.0039	0.0002	0.0031	0.0074	0.0008	0.0004	0.0001	0.0214	0.0344
4	2045	ALT3	EB	MD	Mainline	2.26	2.87	50.58	13.69	24518	17866	0.4578	0.4217	0.0673	0.0029	0.0589	0.1381	0.0137	0.0062	0.0025	0.3927	0.6699
5	2045	ALT3	EB	MD	Mainline	0.93	1.18	20.48	5.31	9859	7125	0.1785	0.1645	0.0278	0.0012	0.0221	0.0527	0.0057	0.0026	0.0010	0.1515	0.2439
6	2045	ALT3	EB	MD	Mainline	1.38	1.74	30.44	8.25	14824	10796	0.2793	0.2572	0.0410	0.0018	0.0353	0.0830	0.0084	0.0038	0.0015	0.2398	0.3994
7	2045	ALT3	EB	MD	Mainline	2.01	2.55	47.08	12.10	22056	15997	0.3809	0.3509	0.0597	0.0026	0.0523	0.1225	0.0121	0.0057	0.0021	0.3212	0.5946
8	2045	ALT3	EB	MD	Mainline	2.54	3.22	56.41	15.53	27560	20130	0.5249	0.4835	0.0755	0.0033	0.0672	0.1570	0.0153	0.0070	0.0028	0.4525	0.7670
9	2045	ALT3	EB	MD	Mainline	2.12	2.69	48.66	12.82	23143	16828	0.4141	0.3815	0.0629	0.0027	0.0555	0.1298	0.0128	0.0059	0.0023	0.3521	0.6319
10	2045	ALT3	EB	MD	Mainline	0.65	0.82	14.22	4.00	7037	5150	0.1381	0.1272	0.0193	0.0008	0.0173	0.0403	0.0039	0.0018	0.0007	0.1197	0.1970
11	2045	ALT3	EB	MD	Mainline	1.35	1.72	31.02	8.11	14731	10698	0.2622	0.2415	0.0402	0.0017	0.0349	0.0820	0.0082	0.0038	0.0015	0.2225	0.3962
12	2045	ALT3	EB	MD	Mainline	0.93	1.18	20.65	5.57	10041	7308	0.1885	0.1736	0.0278	0.0012	0.0238	0.0560	0.0057	0.0026	0.0010	0.1617	0.2684
13	2045	ALT3	EB	MD	Mainline	0.91	1.15	19.33	4.87	9359	6723	0.1684	0.1551	0.0274	0.0013	0.0198	0.0483	0.0057	0.0025	0.0009	0.1420	0.2125
14	2045	ALT3	EB	MD	Mainline	1.37	1.74	29.59	7.41	14222	10212	0.2520	0.2321	0.0412	0.0019	0.0301	0.0733	0.0086	0.0038	0.0014	0.2119	0.3241
15	2045	ALT3	EB	MD	Mainline	1.74	2.21	39.99	9.69	18581	13325	0.3076	0.2834	0.0522	0.0024	0.0398	0.0960	0.0109	0.0050	0.0017	0.2550	0.4352
16	2045	ALT3	EB	MD	Mainline	1.02	1.30	23.79	5.70	10957	7852	0.1779	0.1639	0.0306	0.0014	0.0235	0.0565	0.0064	0.0029	0.0010	0.1468	0.2573
17	2045	ALT3	EB	MD	Mainline	1.63	2.09	39.32	9.51	17941	12903	0.2890	0.2662	0.0490	0.0022	0.0401	0.0952	0.0101	0.0048	0.0017	0.2387	0.4479
18	2045	ALT3	EB	MD	Mainline	1.42	1.82	34.05	7.75	15342	10918	0.2336	0.2152	0.0431	0.0020	0.0312	0.0761	0.0090	0.0042	0.0014	0.1888	0.3359
19	2045	ALT3	EB	MD	Mainline	1.12	1.43	25.60	5.87	11757	8354	0.1842	0.1698	0.0339	0.0016	0.0232	0.0573	0.0071	0.0032	0.0011	0.1497	0.2448
20	2045	ALT3	EB	MD	Mainline	2.28	2.91	52.58	12.19	24142	17190	0.3812	0.3513	0.0690	0.0032	0.0487	0.1194	0.0145	0.0066	0.0022	0.3110	0.5191
21	2045	ALT3	EB	MD	Mainline	0.25	0.32	5.74	1.32	2650	1882	0.0418	0.0385	0.0077	0.0004	0.0052	0.0128	0.0016	0.0007	0.0002	0.0340	0.0542
22	2045	ALT3	EB	MD	Mainline	0.95	1.21	21.14	4.88	9822	6975	0.1567	0.1444	0.0287	0.0013	0.0192	0.0476	0.0061	0.0027	0.0009	0.1278	0.1998
23	2045	ALT3	EB	MD	Mainline	0.94	1.20	20.94	5.01	9834	7019	0.1634	0.1506	0.0285	0.0013	0.0200	0.0491	0.0060	0.0027	0.0009	0.1351	0.2124
24	2045	ALT3	EB	MD	Mainline	0.89	1.13	19.82	4.49	9177	6498	0.1436	0.1324	0.0271	0.0013	0.0175	0.0438	0.0058	0.0025	0.0008	0.1164	0.1800
25	2045	ALT3	EB	MD	Mainline	0.57	0.73	13.11	2.95	5995	4245	0.0918	0.0846	0.0174	0.0008	0.0115	0.0287	0.0037	0.0017	0.0005	0.0740	0.1197
26	2045	ALT3	EB	MD	Mainline	5.09	6.49	113.34	24.68	51966	36586	0.7767	0.7159	0.1555	0.0074	0.0945	0.2401	0.0333	0.0147	0.0046	0.6190	0.9478
27	2045	ALT3	EB	MD	Mainline	4.03	5.13	87.07	18.93	40367	28395	0.6115	0.5636	0.1231	0.0059	0.0727	0.1859	0.0264	0.0114	0.0036	0.4885	0.7183
28	2045	ALT3	EB	MD	Mainline	2.25	2.86	49.24	10.54	22621	15881	0.3337	0.3076	0.0688	0.0033	0.0401	0.1029	0.0148	0.0064	0.0020	0.2643	0.3945
29	2045	ALT3	EB	MD	Mainline	1.53	1.95	33.27	6.99	15273	10692	0.2211	0.2038	0.0470	0.0023	0.0264	0.0684	0.0101	0.0044	0.0013	0.1738	0.2550
30	2045	ALT3	EB	MD	Mainline	2.58	3.29	55.67	11.66	25608	17917	0.3708	0.3418	0.0792	0.0038	0.0440	0.1144	0.0171	0.0074	0.0022	0.2912	0.4230
31	2045	ALT3	EB	MD	Mainline	1.91	2.43	41.43	8.62	18974	13266	0.2714	0.2502	0.0585	0.0028	0.0324	0.0844	0.0127	0.0055	0.0016	0.2123	0.3111
32	2045	ALT3	EB	MD	Mainline	2.04	2.60	45.15	9.61	20643	14484	0.3011	0.2775	0.0625	0.0030	0.0364	0.0935	0.0134	0.0059	0.0018	0.2377	0.3584
33	2045	ALT3	EB	MD	Mainline	1.87	2.39	42.19	8.82	19053	13341	0.2692	0.2481	0.0573	0.0028	0.0331	0.0852	0.0123	0.0055	0.0016	0.2103	0.3247
34	2045	ALT3	EB	MD	Mainline	2.15	2.74	48.92	10.67	22239	15670	0.3292	0.3034	0.0655	0.0031	0.0408	0.1031	0.0140	0.0063	0.0020	0.2620	0.4139
35	2045	ALT3	EB	MD	Mainline	1.20	1.53	26.93	5.62	12186	8528	0.1721	0.1587	0.0368	0.0018	0.0211	0.0543	0.0079	0.0035	0.0010	0.1344	0.2055
36	2045	ALT3	EB	MD	Mainline	1.44	1.84	32.26	6.73	14600	10218	0.2063	0.1901	0.0441	0.0021	0.0252	0.0651	0.0095	0.0042	0.0012	0.1610	0.2462
37	2045	ALT3	EB	MD	Mainline	1.94	2.48	43.46	9.06	19665	13762	0.2778	0.2561	0.0594	0.0029	0.0340	0.0877	0.0128	0.0056	0.0017	0.2169	0.3316

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
38	2045	ALT3	EB	MD	Mainline	2.76	3.53	62.86	13.22	28344	19866	0.4018	0.3704	0.0847	0.0041	0.0497	0.1274	0.0182	0.0081	0.0024	0.3145	0.4907
39	2045	ALT3	EB	MD	Mainline	2.89	3.69	63.95	13.19	29006	20263	0.4066	0.3748	0.0887	0.0043	0.0493	0.1282	0.0192	0.0084	0.0025	0.3160	0.4741
40	2045	ALT3	EB	MD	Mainline	1.89	2.40	40.71	8.59	18755	13136	0.2739	0.2525	0.0578	0.0028	0.0325	0.0843	0.0125	0.0054	0.0016	0.2159	0.3143
41	2045	ALT3	EB	MD	Mainline	0.72	0.91	15.80	3.25	7169	5006	0.1002	0.0923	0.0220	0.0011	0.0121	0.0316	0.0047	0.0021	0.0006	0.0778	0.1163
42	2045	ALT3	EB	MD	Mainline	2.07	2.64	46.41	9.88	21096	14807	0.3056	0.2816	0.0633	0.0030	0.0374	0.0957	0.0136	0.0060	0.0018	0.2409	0.3704
43	2045	ALT3	EB	MD	Mainline	0.91	1.16	19.97	4.13	9088	6350	0.1283	0.1182	0.0279	0.0013	0.0155	0.0402	0.0060	0.0026	0.0008	0.0999	0.1485
44	2045	ALT3	EB	MD	Mainline	1.44	1.83	31.57	6.53	14371	10041	0.2029	0.1870	0.0441	0.0021	0.0245	0.0636	0.0095	0.0041	0.0012	0.1580	0.2348
45	2045	ALT3	EB	MD	Mainline	0.64	0.82	14.16	2.90	6417	4478	0.0892	0.0822	0.0197	0.0010	0.0108	0.0282	0.0043	0.0019	0.0005	0.0691	0.1033
46	2045	ALT3	EB	MD	Mainline	1.68	2.15	38.12	7.96	17195	12039	0.2423	0.2234	0.0517	0.0025	0.0298	0.0768	0.0111	0.0049	0.0015	0.1891	0.2926
47	2045	ALT3	EB	MD	Mainline	0.10	0.13	2.16	0.44	979	683	0.0136	0.0125	0.0030	0.0001	0.0016	0.0043	0.0007	0.0003	0.0001	0.0105	0.0156
48	2045	ALT3	EB	MD	Mainline	1.91	2.44	41.29	8.82	19082	13389	0.2833	0.2611	0.0586	0.0028	0.0336	0.0866	0.0126	0.0054	0.0017	0.2246	0.3277
49	2045	ALT3	EB	MD	Mainline	0.16	0.20	3.45	0.73	1576	1104	0.0227	0.0210	0.0048	0.0002	0.0027	0.0071	0.0010	0.0005	0.0001	0.0179	0.0267
50	2045	ALT3	EB	MD	Mainline	2.44	3.10	53.44	11.70	24678	17382	0.3740	0.3447	0.0744	0.0035	0.0450	0.1144	0.0159	0.0070	0.0022	0.2992	0.4496
51	2045	ALT3	EB	MD	Mainline	0.43	0.54	9.80	2.06	4399	3084	0.0619	0.0571	0.0130	0.0006	0.0077	0.0198	0.0028	0.0013	0.0004	0.0484	0.0768
52	2045	ALT3	EB	MD	Mainline	0.65	0.83	15.28	3.13	6735	4711	0.0909	0.0838	0.0198	0.0009	0.0117	0.0299	0.0042	0.0019	0.0006	0.0700	0.1160
53	2045	ALT3	EB	MD	Mainline	0.48	0.61	11.49	2.43	5075	3570	0.0709	0.0653	0.0146	0.0007	0.0093	0.0234	0.0031	0.0014	0.0004	0.0554	0.0958
54	2045	ALT3	EB	MD	Mainline	2.44	3.14	61.63	13.06	26682	18840	0.3665	0.3377	0.0742	0.0034	0.0515	0.1267	0.0156	0.0075	0.0022	0.2863	0.5470
55	2045	ALT3	EB	MD	Mainline	1.23	1.58	29.36	6.20	12991	9134	0.1816	0.1674	0.0376	0.0018	0.0237	0.0597	0.0080	0.0037	0.0011	0.1420	0.2425
56	2045	ALT3	EB	MD	Mainline	1.52	1.95	37.13	8.07	16395	11598	0.2350	0.2166	0.0462	0.0021	0.0319	0.0785	0.0097	0.0046	0.0014	0.1861	0.3375
57	2045	ALT3	EB	MD	Mainline	0.95	1.20	20.66	4.42	9502	6671	0.1404	0.1294	0.0289	0.0014	0.0168	0.0432	0.0062	0.0027	0.0008	0.1113	0.1656
58	2045	ALT3	EB	MD	Mainline	3.11	3.96	68.70	15.11	31654	22315	0.4804	0.4428	0.0948	0.0045	0.0582	0.1474	0.0203	0.0089	0.0028	0.3848	0.5857
59	2045	ALT3	EB	MD	Mainline	0.82	1.04	17.83	3.78	8190	5742	0.1198	0.1104	0.0250	0.0012	0.0144	0.0370	0.0054	0.0023	0.0007	0.0946	0.1400
60	2045	ALT3	EB	MD	Mainline	3.27	4.17	72.41	15.78	33295	23440	0.4999	0.4607	0.1000	0.0048	0.0605	0.1538	0.0214	0.0094	0.0030	0.3988	0.6051
61	2045	ALT3	EB	MD	Mainline	0.82	1.05	18.40	3.68	8253	5741	0.1105	0.1019	0.0253	0.0012	0.0135	0.0355	0.0055	0.0024	0.0007	0.0844	0.1273
62	2045	ALT3	EB	MD	Mainline	1.70	2.17	37.13	7.61	16906	11798	0.2368	0.2183	0.0522	0.0025	0.0284	0.0743	0.0113	0.0049	0.0014	0.1839	0.2707
63	2045	ALT3	EB	MD	Mainline	0.64	0.82	14.03	2.99	6444	4522	0.0948	0.0874	0.0196	0.0009	0.0114	0.0292	0.0042	0.0018	0.0006	0.0750	0.1115
64	2045	ALT3	EB	MD	Mainline	1.96	2.50	43.48	9.56	20029	14119	0.3037	0.2799	0.0599	0.0028	0.0368	0.0932	0.0128	0.0056	0.0018	0.2432	0.3705
65	2045	ALT3	EB	MD	Mainline	0.64	0.82	14.43	3.08	6551	4601	0.0950	0.0876	0.0196	0.0009	0.0117	0.0298	0.0042	0.0019	0.0006	0.0750	0.1164
66	2045	ALT3	EB	MD	Mainline	0.22	0.28	4.81	1.20	2294	1649	0.0401	0.0370	0.0066	0.0003	0.0049	0.0119	0.0014	0.0006	0.0002	0.0337	0.0533
67	2045	ALT3	EB	MD	Mainline	1.60	2.03	35.25	9.40	17110	12423	0.3185	0.2933	0.0477	0.0021	0.0397	0.0940	0.0098	0.0044	0.0017	0.2724	0.4450
68	2045	ALT3	EB	MD	Mainline	1.21	1.53	26.01	6.76	12654	9136	0.2333	0.2149	0.0363	0.0016	0.0279	0.0671	0.0075	0.0033	0.0013	0.1984	0.3052
69	2045	ALT3	EB	MD	Mainline	2.80	3.54	60.46	16.77	29939	21842	0.5857	0.5395	0.0834	0.0036	0.0713	0.1678	0.0170	0.0076	0.0031	0.5066	0.8039
70	2045	ALT3	EB	MD	Mainline	1.82	2.29	37.21	10.06	18648	13518	0.3684	0.3393	0.0545	0.0025	0.0419	0.1007	0.0113	0.0049	0.0020	0.3177	0.4568
71	2045	ALT3	EB	MD	Mainline	2.04	2.56	40.09	13.05	21553	16047	0.5139	0.4732	0.0600	0.0025	0.0572	0.1319	0.0120	0.0052	0.0026	0.4618	0.6621
72	2045	ALT3	EB	MD	Mainline	2.09	2.62	41.25	12.37	21588	15872	0.4802	0.4422	0.0620	0.0027	0.0528	0.1244	0.0127	0.0054	0.0025	0.4249	0.5939
73	2045	ALT3	EB	MD	Ramp	0.09	0.13	2.21	0.28	955	634	0.0073	0.0068	0.0030	0.0001	0.0012	0.0035	0.0006	0.0005	0.0001	0.0016	0.0105
74	2045	ALT3	EB	MD	Ramp	0.08	0.12	1.52	0.26	750	512	0.0069	0.0064	0.0026	0.0001	0.0022	0.0053	0.0005	0.0004	0.0001	0.0024	0.0262
75	2045	ALT3	EB	MD	Ramp	0.12	0.17	2.16	0.32	1076	723	0.0095	0.0088	0.0038	0.0002	0.0027	0.0066	0.0008	0.0006	0.0001	0.0024	0.0295
76	2045	ALT3	EB	MD	Ramp	0.19	0.28	3.17	0.46	1657	1108	0.0148	0.0137	0.0062	0.0003	0.0042	0.0104	0.0013	0.0010	0.0002	0.0031	0.0460
77	2045	ALT3	EB	MD	Ramp	0.14	0.21	2.71	0.37	1333	889	0.0114	0.0105	0.0047	0.0002	0.0027	0.0071	0.0010	0.0008	0.0001	0.0024	0.0289
78	2045	ALT3	EB	MD	Ramp	0.17	0.24	2.33	0.39	1296	875	0.0124	0.0115	0.0052	0.0002	0.0046	0.0109	0.0010	0.0008	0.0001	0.0030	0.0550
79	2045	ALT3	EB	MD	Ramp	0.25	0.36	3.35	0.49	1965	1308	0.0188	0.0174	0.0079	0.0004	0.0055	0.0136	0.0016	0.0014	0.0002	0.0030	0.0616
80	2045	ALT3	EB	MD	Ramp	0.27	0.39	4.87	0.73	2434	1637	0.0215	0.0199	0.0087	0.0004	0.0061	0.0151	0.0018	0.0014	0.0002	0.0055	0.0686
81	2045	ALT3	EB	MD	Ramp	0.24	0.34	6.49	0.96	2662	1805	0.0218	0.0202	0.0077	0.0004	0.0045	0.0116	0.0016	0.0012	0.0002	0.0084	0.0464
82	2045	ALT3	EB	MD	Ramp	0.21	0.31	4.61	0.64	2126	1424	0.0177	0.0163	0.0070	0.0003	0.0039	0.0102	0.0015	0.0012	0.0002	0.0046	0.0406
83	2045	ALT3	EB	MD	Ramp	0.06	0.08	1.42	0.27	604	422	0.0059	0.0054	0.0017	0.0001	0.0015	0.0035	0.0003	0.0002	0.0000	0.0033	0.0175
84	2045	ALT3	EB	MD	Ramp	0.07	0.10	2.23	0.30	840	564	0.0061	0.0057	0.0024	0.0001	0.0011	0.0031	0.0005	0.0004	0.0001	0.0021	0.0109
85	2045	ALT3	EB	MD	Ramp	0.18	0.24	4.30	1.07	1933	1407	0.0234	0.0216	0.0053	0.0002	0.0066	0.0147	0.0010	0.0006	0.0002	0.0169	0.0820

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
86	2045	ALT3	EB	MD	Ramp	0.26	0.36	5.68	1.08	2633	1828	0.0258	0.0239	0.0080	0.0004	0.0064	0.0153	0.0016	0.0012	0.0002	0.0125	0.0732
87	2045	ALT3	EB	MD	Ramp	0.09	0.12	1.64	0.30	799	550	0.0076	0.0070	0.0027	0.0001	0.0024	0.0057	0.0005	0.0004	0.0001	0.0031	0.0288
88	2045	ALT3	EB	MD	Ramp	0.09	0.13	2.28	0.44	1004	703	0.0099	0.0092	0.0029	0.0001	0.0026	0.0061	0.0006	0.0004	0.0001	0.0054	0.0301
89	2045	ALT3	EB	MD	Ramp	0.04	0.06	0.78	0.13	375	257	0.0035	0.0032	0.0013	0.0001	0.0010	0.0025	0.0003	0.0002	0.0000	0.0013	0.0119
90	2045	ALT3	EB	MD	Ramp	0.12	0.17	1.99	0.45	1022	722	0.0110	0.0101	0.0036	0.0001	0.0043	0.0097	0.0007	0.0005	0.0001	0.0056	0.0539
91	2045	ALT3	EB	MD	Ramp	0.17	0.24	3.83	0.74	1754	1222	0.0174	0.0161	0.0053	0.0002	0.0044	0.0105	0.0011	0.0008	0.0001	0.0088	0.0509
92	2045	ALT3	EB	MD	Ramp	0.21	0.30	2.97	0.58	1618	1113	0.0162	0.0150	0.0065	0.0003	0.0072	0.0163	0.0012	0.0009	0.0002	0.0056	0.0887
93	2045	ALT3	EB	MD	Ramp	1.24	1.66	32.28	6.64	13513	9586	0.1412	0.1303	0.0373	0.0015	0.0371	0.0852	0.0073	0.0046	0.0010	0.0899	0.4431
94	2045	ALT3	EB	MD	Ramp	0.61	0.85	14.02	2.53	6328	4372	0.0600	0.0554	0.0190	0.0009	0.0143	0.0348	0.0039	0.0029	0.0005	0.0279	0.1616
95	2045	ALT3	EB	MD	Ramp	0.33	0.46	4.58	0.88	2499	1716	0.0249	0.0231	0.0101	0.0004	0.0110	0.0250	0.0019	0.0015	0.0002	0.0084	0.1355
96	2045	ALT3	EB	MD	Ramp	0.11	0.16	3.66	0.55	1338	912	0.0107	0.0099	0.0036	0.0002	0.0022	0.0056	0.0008	0.0005	0.0001	0.0053	0.0228
97	2045	ALT3	EB	MD	Ramp	0.07	0.10	1.46	0.47	745	558	0.0103	0.0095	0.0021	0.0001	0.0033	0.0071	0.0004	0.0002	0.0001	0.0080	0.0419
98	2045	ALT3	EB	MD	Ramp	0.08	0.10	1.88	0.41	816	582	0.0088	0.0081	0.0023	0.0001	0.0024	0.0055	0.0004	0.0003	0.0001	0.0057	0.0289
99	2045	ALT3	EB	MD	Ramp	0.15	0.21	3.98	0.79	1673	1181	0.0170	0.0157	0.0047	0.0002	0.0044	0.0103	0.0009	0.0006	0.0001	0.0103	0.0525
100	2045	ALT3	EB	MD	Ramp	0.17	0.23	4.65	0.78	1864	1287	0.0166	0.0153	0.0052	0.0002	0.0039	0.0094	0.0011	0.0007	0.0001	0.0085	0.0434
101	2045	ALT3	EB	MD	Ramp	0.08	0.11	2.32	0.46	935	661	0.0097	0.0089	0.0025	0.0001	0.0024	0.0055	0.0005	0.0003	0.0001	0.0063	0.0279
102	2045	ALT3	EB	MD	Ramp	0.06	0.08	1.76	0.28	687	472	0.0059	0.0054	0.0019	0.0001	0.0013	0.0033	0.0004	0.0003	0.0000	0.0029	0.0146
103	2045	ALT3	EB	MD	Ramp	0.04	0.05	1.14	0.17	418	284	0.0033	0.0030	0.0011	0.0001	0.0007	0.0017	0.0002	0.0002	0.0000	0.0015	0.0068
104	2045	ALT3	EB	MD	Ramp	0.11	0.16	2.65	0.37	1175	789	0.0096	0.0089	0.0037	0.0002	0.0019	0.0052	0.0008	0.0006	0.0001	0.0028	0.0195
105	2045	ALT3	EB	MD	Ramp	0.07	0.10	2.00	0.28	791	534	0.0062	0.0057	0.0023	0.0001	0.0012	0.0032	0.0005	0.0003	0.0001	0.0023	0.0122
106	2045	ALT3	EB	MD	Ramp	0.03	0.04	0.47	0.06	241	160	0.0021	0.0019	0.0009	0.0000	0.0005	0.0012	0.0002	0.0002	0.0000	0.0003	0.0047
107	2045	ALT3	EB	MD	Ramp	0.15	0.21	3.47	0.58	1535	1051	0.0138	0.0128	0.0046	0.0002	0.0031	0.0077	0.0010	0.0007	0.0001	0.0058	0.0337
108	2045	ALT3	EB	MD	Ramp	0.15	0.21	3.20	0.41	1472	978	0.0118	0.0109	0.0048	0.0002	0.0023	0.0063	0.0010	0.0008	0.0001	0.0024	0.0222
109	2045	ALT3	EB	MD	Ramp	0.11	0.15	3.02	0.48	1226	838	0.0104	0.0096	0.0035	0.0002	0.0023	0.0058	0.0007	0.0005	0.0001	0.0046	0.0247
110	2045	ALT3	EB	MD	Ramp	0.14	0.20	3.20	0.48	1426	963	0.0121	0.0112	0.0044	0.0002	0.0026	0.0067	0.0009	0.0007	0.0001	0.0040	0.0268
111	2045	ALT3	EB	MD	Ramp	0.05	0.07	1.61	0.25	605	413	0.0050	0.0046	0.0017	0.0001	0.0011	0.0027	0.0003	0.0002	0.0000	0.0024	0.0113
112	2045	ALT3	EB	MD	Ramp	0.19	0.28	4.28	0.63	1947	1313	0.0166	0.0153	0.0062	0.0003	0.0038	0.0097	0.0013	0.0010	0.0002	0.0051	0.0400
113	2045	ALT3	EB	MD	Ramp	0.16	0.23	3.72	0.51	1654	1106	0.0134	0.0124	0.0052	0.0003	0.0026	0.0070	0.0011	0.0009	0.0001	0.0035	0.0258
114	2045	ALT3	EB	MD	Ramp	0.14	0.20	3.05	0.39	1389	923	0.0111	0.0102	0.0045	0.0002	0.0021	0.0058	0.0010	0.0008	0.0001	0.0023	0.0200
115	2045	ALT3	EB	MD	Ramp																	
116	2045	ALT3	EB	MD	Ramp	0.05	0.07	1.14	0.14	496	329	0.0038	0.0035	0.0015	0.0001	0.0006	0.0018	0.0003	0.0003	0.0000	0.0008	0.0054
117	2045	ALT3	EB	MD	Ramp	0.08	0.11	2.04	0.30	856	580	0.0071	0.0066	0.0025	0.0001	0.0014	0.0038	0.0005	0.0004	0.0001	0.0027	0.0149
118	2045	ALT3	EB	MD	Ramp	0.06	0.09	1.60	0.20	683	453	0.0052	0.0048	0.0021	0.0001	0.0008	0.0024	0.0005	0.0004	0.0001	0.0011	0.0068
119	2045	ALT3	EB	MD	Ramp	0.11	0.16	3.11	0.42	1253	840	0.0096	0.0088	0.0037	0.0002	0.0017	0.0047	0.0008	0.0006	0.0001	0.0030	0.0163
120	2045	ALT3	EB	MD	Ramp	0.06	0.08	1.43	0.19	618	412	0.0048	0.0044	0.0019	0.0001	0.0008	0.0023	0.0004	0.0003	0.0001	0.0012	0.0074
121	2045	ALT3	EB	MD	Ramp	0.13	0.18	3.95	0.64	1486	1024	0.0128	0.0119	0.0040	0.0002	0.0028	0.0069	0.0008	0.0005	0.0001	0.0070	0.0306
122	2045	ALT3	EB	MD	Ramp	1.50	2.07	39.48	6.87	16373	11330	0.1494	0.1380	0.0467	0.0021	0.0360	0.0869	0.0095	0.0066	0.0012	0.0757	0.4070
123	2045	ALT3	EB	MD	Ramp	1.03	1.42	28.42	4.88	11461	7931	0.1035	0.0956	0.0321	0.0014	0.0246	0.0595	0.0066	0.0044	0.0008	0.0541	0.2771
124	2045	ALT3	EB	MD	Ramp	0.18	0.27	2.19	0.32	1404	930	0.0141	0.0131	0.0059	0.0003	0.0038	0.0095	0.0012	0.0011	0.0002	0.0017	0.0417
125	2045	ALT3	EB	MD	Ramp	0.15	0.22	2.99	0.50	1438	980	0.0131	0.0121	0.0049	0.0002	0.0038	0.0092	0.0010	0.0008	0.0001	0.0046	0.0439
126	2045	ALT3	EB	MD	Ramp	0.06	0.09	1.26	0.18	600	404	0.0052	0.0048	0.0020	0.0001	0.0013	0.0033	0.0004	0.0003	0.0001	0.0014	0.0144
127	2045	ALT3	EB	MD	Ramp	0.36	0.52	4.94	0.79	2798	1880	0.0268	0.0248	0.0113	0.0005	0.0094	0.0223	0.0023	0.0019	0.0003	0.0057	0.1092
128	2045	ALT3	EB	MD	Ramp	0.03	0.04	0.67	0.07	299	196	0.0022	0.0020	0.0010	0.0000	0.0003	0.0009	0.0002	0.0002	0.0000	0.0002	0.0017
129	2045	ALT3	EB	MD	Ramp	0.32	0.45	5.63	0.94	2806	1911	0.0259	0.0239	0.0100	0.0004	0.0084	0.0199	0.0020	0.0015	0.0003	0.0085	0.0980
130	2045	ALT3	EB	MD	Ramp	0.09	0.12	2.67	0.35	992	665	0.0071	0.0066	0.0028	0.0001	0.0013	0.0036	0.0006	0.0004	0.0001	0.0025	0.0123
131	2045	ALT3	EB	MD	Ramp	0.31	0.44	6.98	1.09	3157	2142	0.0275	0.0255	0.0099	0.0005	0.0063	0.0160	0.0021	0.0016	0.0003	0.0097	0.0681
132	2045	ALT3	EB	MD	Ramp	0.07	0.10	2.32	0.29	856	571	0.0059	0.0055	0.0024	0.0001	0.0010	0.0029	0.0005	0.0004	0.0001	0.0018	0.0089
133	2045	ALT3	EB	MD	Ramp	0.32	0.47	7.19	0.97	3256	2176	0.0265	0.0245	0.0105	0.0005	0.0054	0.0145	0.0022	0.0018	0.0003	0.0066	0.0545

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
134	2045	ALT3	EB	MD	Ramp	0.52	0.72	15.58	2.29	5942	4038	0.0471	0.0436	0.0165	0.0008	0.0098	0.0252	0.0035	0.0024	0.0004	0.0205	0.1023
135	2045	ALT3	EB	MD	Ramp	0.32	0.46	6.09	1.02	2956	2016	0.0271	0.0251	0.0101	0.0004	0.0082	0.0197	0.0020	0.0016	0.0003	0.0096	0.0952
136	2045	ALT3	EB	MD	Ramp	0.04	0.06	0.95	0.12	432	286	0.0034	0.0031	0.0014	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0006	0.0053
137	2045	ALT3	EB	MD	Ramp	1.74	2.24	31.09	11.38	16893	12887	0.2525	0.2327	0.0484	0.0014	0.0834	0.1773	0.0081	0.0046	0.0015	0.2031	1.0774
138	2045	ALT3	EB	MD	Ramp	0.19	0.29	2.30	0.36	1458	972	0.0148	0.0137	0.0062	0.0003	0.0049	0.0118	0.0013	0.0011	0.0002	0.0022	0.0564
139	2045	ALT3	EB	MD	Ramp	0.10	0.14	2.15	0.29	976	651	0.0079	0.0073	0.0032	0.0002	0.0016	0.0043	0.0007	0.0005	0.0001	0.0019	0.0158
140	2045	ALT3	EB	MD	Ramp	0.32	0.46	5.28	0.75	2769	1848	0.0247	0.0229	0.0103	0.0005	0.0067	0.0170	0.0021	0.0018	0.0003	0.0049	0.0740
141	2045	ALT3	EB	MD	Ramp	0.03	0.04	0.92	0.11	334	222	0.0023	0.0021	0.0009	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0007	0.0033
142	2045	ALT3	EB	MD	Ramp	0.13	0.19	3.59	0.41	1440	949	0.0100	0.0093	0.0043	0.0002	0.0013	0.0043	0.0009	0.0007	0.0001	0.0018	0.0097
143	2045	ALT3	EB	MD	Ramp	0.10	0.15	3.52	0.39	1248	820	0.0075	0.0070	0.0035	0.0002	0.0010	0.0033	0.0008	0.0005	0.0001	0.0014	0.0065
144	2045	ALT3	EB	MD	HOT	0.32	0.41	8.39	0.97	3161	2055	0.0135	0.0125	0.0102	0.0005	0.0020	0.0078	0.0023	0.0011	0.0002	0.0013	0.0024
145	2045	ALT3	EB	MD	HOT	0.83	1.09	22.15	2.57	8343	5424	0.0356	0.0330	0.0268	0.0014	0.0053	0.0206	0.0062	0.0028	0.0004	0.0034	0.0065
146	2045	ALT3	EB	MD	HOT	0.04	0.05	0.95	0.11	360	234	0.0015	0.0014	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0003
147	2045	ALT3	EB	MD	HOT	0.71	0.92	18.73	2.17	7055	4587	0.0301	0.0279	0.0227	0.0012	0.0045	0.0174	0.0052	0.0024	0.0004	0.0029	0.0055
148	2045	ALT3	EB	MD	HOT	0.26	0.34	6.81	0.79	2565	1668	0.0109	0.0101	0.0082	0.0004	0.0016	0.0063	0.0019	0.0009	0.0001	0.0010	0.0020
149	2045	ALT3	EB	MD	HOT	0.42	0.55	11.23	1.30	4229	2750	0.0180	0.0167	0.0136	0.0007	0.0027	0.0104	0.0031	0.0014	0.0002	0.0017	0.0033
150	2045	ALT3	EB	MD	HOT	0.58	0.76	15.44	1.79	5826	3788	0.0249	0.0231	0.0187	0.0010	0.0037	0.0144	0.0043	0.0020	0.0003	0.0024	0.0045
151	2045	ALT3	EB	MD	HOT	0.79	1.03	20.84	2.42	7866	5114	0.0336	0.0311	0.0253	0.0014	0.0050	0.0194	0.0058	0.0027	0.0004	0.0032	0.0061
152	2045	ALT3	EB	MD	HOT	0.63	0.82	16.54	1.92	6240	4057	0.0266	0.0247	0.0201	0.0011	0.0040	0.0154	0.0046	0.0021	0.0003	0.0025	0.0048
153	2045	ALT3	EB	MD	HOT	0.22	0.29	5.40	0.63	2110	1372	0.0090	0.0084	0.0071	0.0004	0.0014	0.0054	0.0016	0.0007	0.0001	0.0009	0.0016
154	2045	ALT3	EB	MD	HOT	0.42	0.55	10.33	1.20	4035	2623	0.0172	0.0160	0.0136	0.0007	0.0027	0.0104	0.0031	0.0014	0.0002	0.0017	0.0030
155	2045	ALT3	EB	MD	HOT	0.31	0.41	7.68	0.89	2998	1949	0.0128	0.0119	0.0101	0.0005	0.0020	0.0077	0.0023	0.0010	0.0001	0.0012	0.0022
156	2045	ALT3	EB	MD	HOT	0.25	0.32	6.04	0.70	2360	1534	0.0101	0.0094	0.0079	0.0004	0.0016	0.0061	0.0018	0.0008	0.0001	0.0010	0.0017
157	2045	ALT3	EB	MD	HOT	0.44	0.57	10.63	1.23	4151	2699	0.0177	0.0165	0.0140	0.0008	0.0028	0.0107	0.0032	0.0014	0.0002	0.0017	0.0031
158	2045	ALT3	EB	MD	HOT	0.50	0.65	12.25	1.42	4784	3110	0.0204	0.0190	0.0161	0.0009	0.0032	0.0123	0.0037	0.0016	0.0002	0.0020	0.0035
159	2045	ALT3	EB	MD	HOT	0.29	0.37	7.01	0.81	2737	1780	0.0117	0.0108	0.0092	0.0005	0.0018	0.0071	0.0021	0.0009	0.0001	0.0011	0.0020
160	2045	ALT3	EB	MD	HOT	0.54	0.70	13.06	1.51	5101	3317	0.0218	0.0202	0.0172	0.0009	0.0034	0.0131	0.0039	0.0017	0.0003	0.0021	0.0038
161	2045	ALT3	EB	MD	HOT	0.27	0.35	6.55	0.76	2546	1655	0.0109	0.0101	0.0085	0.0005	0.0017	0.0065	0.0020	0.0009	0.0001	0.0010	0.0019
162	2045	ALT3	EB	MD	HOT	0.19	0.25	4.70	0.55	1828	1188	0.0078	0.0072	0.0061	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0014
163	2045	ALT3	EB	MD	HOT	0.45	0.59	11.13	1.29	4324	2811	0.0185	0.0171	0.0144	0.0008	0.0029	0.0111	0.0033	0.0015	0.0002	0.0018	0.0032
164	2045	ALT3	EB	MD	HOT	0.05	0.06	1.11	0.13	433	282	0.0019	0.0017	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
165	2045	ALT3	EB	MD	HOT	0.21	0.27	5.21	0.61	2025	1316	0.0087	0.0080	0.0068	0.0004	0.0013	0.0052	0.0016	0.0007	0.0001	0.0008	0.0015
166	2045	ALT3	EB	MD	HOT	0.26	0.34	6.44	0.75	2501	1626	0.0107	0.0099	0.0083	0.0005	0.0017	0.0064	0.0019	0.0009	0.0001	0.0010	0.0019
167	2045	ALT3	EB	MD	HOT	0.18	0.24	4.55	0.53	1767	1149	0.0075	0.0070	0.0059	0.0003	0.0012	0.0045	0.0014	0.0006	0.0001	0.0007	0.0013
168	2045	ALT3	EB	MD	HOT	0.12	0.16	2.96	0.34	1148	747	0.0049	0.0045	0.0038	0.0002	0.0008	0.0029	0.0009	0.0004	0.0001	0.0005	0.0009
169	2045	ALT3	EB	MD	HOT	1.09	1.41	26.85	3.12	10434	6784	0.0446	0.0413	0.0348	0.0019	0.0069	0.0267	0.0080	0.0036	0.0005	0.0043	0.0077
170	2045	ALT3	EB	MD	HOT	0.79	1.02	19.40	2.26	7539	4902	0.0322	0.0299	0.0252	0.0014	0.0050	0.0193	0.0058	0.0026	0.0004	0.0031	0.0056
171	2045	ALT3	EB	MD	HOT	0.46	0.60	11.19	1.29	4385	2851	0.0187	0.0174	0.0148	0.0008	0.0029	0.0114	0.0034	0.0015	0.0002	0.0018	0.0032
172	2045	ALT3	EB	MD	HOT	0.27	0.35	6.55	0.76	2566	1668	0.0110	0.0102	0.0087	0.0005	0.0017	0.0066	0.0020	0.0009	0.0001	0.0011	0.0019
173	2045	ALT3	EB	MD	HOT	0.48	0.63	11.63	1.35	4558	2963	0.0195	0.0181	0.0154	0.0008	0.0030	0.0118	0.0035	0.0016	0.0002	0.0019	0.0033
174	2045	ALT3	EB	MD	HOT	0.34	0.44	8.23	0.95	3225	2097	0.0138	0.0128	0.0109	0.0006	0.0022	0.0084	0.0025	0.0011	0.0002	0.0013	0.0024
175	2045	ALT3	EB	MD	HOT	0.41	0.53	9.84	1.14	3856	2507	0.0165	0.0153	0.0130	0.0007	0.0026	0.0100	0.0030	0.0013	0.0002	0.0016	0.0028
176	2045	ALT3	EB	MD	HOT	0.36	0.46	8.60	1.00	3372	2192	0.0144	0.0134	0.0114	0.0006	0.0023	0.0087	0.0026	0.0011	0.0002	0.0014	0.0025
177	2045	ALT3	EB	MD	HOT	0.48	0.63	11.70	1.35	4588	2983	0.0196	0.0182	0.0155	0.0008	0.0031	0.0119	0.0036	0.0016	0.0002	0.0019	0.0034
178	2045	ALT3	EB	MD	HOT	0.24	0.31	5.68	0.66	2226	1447	0.0095	0.0088	0.0075	0.0004	0.0015	0.0058	0.0017	0.0008	0.0001	0.0009	0.0016
179	2045	ALT3	EB	MD	HOT	0.28	0.37	6.80	0.79	2667	1734	0.0114	0.0106	0.0090	0.0005	0.0018	0.0069	0.0021	0.0009	0.0001	0.0011	0.0020
180	2045	ALT3	EB	MD	HOT	0.38	0.49	9.17	1.06	3592	2336	0.0154	0.0142	0.0121	0.0007	0.0024	0.0093	0.0028	0.0012	0.0002	0.0015	0.0026
181	2045	ALT3	EB	MD	HOT	0.62	0.81	14.98	1.73	5885	3826	0.0252	0.0233	0.0200	0.0011	0.0039	0.0153	0.0046	0.0020	0.0003	0.0024	0.0043

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
182	2045	ALT3	EB	MD	HOT	0.58	0.76	14.04	1.62	5516	3586	0.0236	0.0219	0.0187	0.0010	0.0037	0.0143	0.0043	0.0019	0.0003	0.0023	0.0040
183	2045	ALT3	EB	MD	HOT	0.42	0.55	10.18	1.18	4000	2600	0.0171	0.0159	0.0136	0.0007	0.0027	0.0104	0.0031	0.0014	0.0002	0.0016	0.0029
184	2045	ALT3	EB	MD	HOT	0.15	0.19	3.52	0.41	1383	899	0.0059	0.0055	0.0047	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0010
185	2045	ALT3	EB	MD	HOT	0.48	0.63	11.64	1.35	4574	2973	0.0196	0.0181	0.0155	0.0008	0.0031	0.0119	0.0036	0.0016	0.0002	0.0019	0.0033
186	2045	ALT3	EB	MD	HOT	0.19	0.25	4.60	0.53	1806	1174	0.0077	0.0072	0.0061	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0007	0.0013
187	2045	ALT3	EB	MD	HOT	0.30	0.39	7.27	0.84	2857	1857	0.0122	0.0113	0.0097	0.0005	0.0019	0.0074	0.0022	0.0010	0.0001	0.0012	0.0021
188	2045	ALT3	EB	MD	HOT	0.13	0.17	3.17	0.37	1245	810	0.0053	0.0049	0.0042	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0009
189	2045	ALT3	EB	MD	HOT	0.39	0.50	9.34	1.08	3670	2386	0.0157	0.0146	0.0124	0.0007	0.0025	0.0095	0.0029	0.0012	0.0002	0.0015	0.0027
190	2045	ALT3	EB	MD	HOT	0.02	0.03	0.50	0.06	195	127	0.0008	0.0008	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0001
191	2045	ALT3	EB	MD	HOT	0.52	0.68	12.89	1.50	5002	3252	0.0214	0.0198	0.0167	0.0009	0.0033	0.0128	0.0038	0.0017	0.0002	0.0021	0.0037
192	2045	ALT3	EB	MD	HOT	0.04	0.05	1.03	0.12	400	260	0.0017	0.0016	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
193	2045	ALT3	EB	MD	HOT	0.81	1.05	20.04	2.33	7778	5057	0.0332	0.0308	0.0259	0.0014	0.0051	0.0199	0.0060	0.0026	0.0004	0.0032	0.0058
194	2045	ALT3	EB	MD	HOT	0.09	0.12	2.33	0.27	905	588	0.0039	0.0036	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
195	2045	ALT3	EB	MD	HOT	0.11	0.14	2.76	0.32	1070	695	0.0046	0.0042	0.0036	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0008
196	2045	ALT3	EB	MD	HOT	0.09	0.12	2.31	0.27	898	584	0.0038	0.0036	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0007
197	2045	ALT3	EB	MD	HOT	0.54	0.71	13.44	1.56	5215	3390	0.0223	0.0207	0.0174	0.0009	0.0034	0.0133	0.0040	0.0018	0.0003	0.0021	0.0039
198	2045	ALT3	EB	MD	HOT	0.24	0.32	6.01	0.70	2333	1517	0.0100	0.0092	0.0078	0.0004	0.0015	0.0060	0.0018	0.0008	0.0001	0.0010	0.0017
199	2045	ALT3	EB	MD	HOT	0.36	0.47	9.08	1.06	3507	2280	0.0150	0.0139	0.0116	0.0006	0.0023	0.0089	0.0027	0.0012	0.0002	0.0014	0.0026
200	2045	ALT3	EB	MD	HOT	0.19	0.24	4.67	0.54	1805	1174	0.0077	0.0072	0.0060	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0007	0.0014
201	2045	ALT3	EB	MD	HOT	0.71	0.92	17.75	2.07	6858	4459	0.0293	0.0272	0.0227	0.0012	0.0045	0.0174	0.0052	0.0023	0.0003	0.0028	0.0051
202	2045	ALT3	EB	MD	HOT	0.16	0.21	4.12	0.48	1592	1035	0.0068	0.0063	0.0053	0.0003	0.0010	0.0040	0.0012	0.0005	0.0001	0.0007	0.0012
203	2045	ALT3	EB	MD	HOT	0.75	0.98	18.90	2.20	7302	4747	0.0312	0.0289	0.0242	0.0013	0.0048	0.0185	0.0056	0.0025	0.0004	0.0030	0.0055
204	2045	ALT3	EB	MD	HOT	0.06	0.08	1.57	0.18	610	397	0.0026	0.0024	0.0020	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
205	2045	ALT3	EB	MD	HOT	0.14	0.18	3.50	0.41	1358	883	0.0058	0.0054	0.0045	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0006	0.0010
206	2045	ALT3	EB	MD	HOT	0.06	0.08	1.58	0.18	613	398	0.0026	0.0024	0.0020	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0003	0.0005
207	2045	ALT3	EB	MD	HOT	0.23	0.30	5.75	0.67	2232	1451	0.0095	0.0088	0.0074	0.0004	0.0015	0.0057	0.0017	0.0008	0.0001	0.0009	0.0017
208	2045	ALT3	EB	MD	HOT	0.07	0.09	1.77	0.21	688	448	0.0029	0.0027	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
209	2045	ALT3	EB	MD	HOT	0.02	0.02	0.45	0.05	176	114	0.0008	0.0007	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
210	2045	ALT3	EB	MD	HOT	0.16	0.21	3.98	0.46	1542	1002	0.0066	0.0061	0.0051	0.0003	0.0010	0.0039	0.0012	0.0005	0.0001	0.0006	0.0012
211	2045	ALT3	EB	MD	HOT	0.11	0.14	2.75	0.32	1064	691	0.0045	0.0042	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0008
212	2045	ALT3	EB	MD	HOT	0.30	0.38	7.35	0.86	2846	1851	0.0122	0.0113	0.0095	0.0005	0.0019	0.0072	0.0022	0.0010	0.0001	0.0012	0.0021
213	2045	ALT3	EB	MD	HOT	0.17	0.22	4.23	0.49	1638	1065	0.0070	0.0065	0.0054	0.0003	0.0011	0.0042	0.0013	0.0006	0.0001	0.0007	0.0012
214	2045	ALT3	EB	MD	HOV																	
215	2045	ALT3	EB	MD	HOV																	
1	2045	ALT3	EB	PM	Mainline	0.72	0.96	23.41	3.31	8361	5637	0.0628	0.0580	0.0227	0.0011	0.0103	0.0285	0.0050	0.0027	0.0005	0.0321	0.0907
2	2045	ALT3	EB	PM	Mainline	1.83	2.42	56.24	8.20	20736	13994	0.1641	0.1516	0.0577	0.0029	0.0251	0.0704	0.0127	0.0066	0.0013	0.0908	0.2143
3	2045	ALT3	EB	PM	Mainline	0.09	0.12	2.60	0.39	997	672	0.0082	0.0076	0.0029	0.0001	0.0012	0.0034	0.0006	0.0003	0.0001	0.0047	0.0095
4	2045	ALT3	EB	PM	Mainline	1.56	2.07	48.09	7.07	17729	11981	0.1421	0.1312	0.0492	0.0024	0.0220	0.0611	0.0108	0.0056	0.0011	0.0794	0.1911
5	2045	ALT3	EB	PM	Mainline	0.65	0.86	18.72	2.81	7152	4824	0.0587	0.0542	0.0206	0.0010	0.0085	0.0242	0.0046	0.0023	0.0005	0.0336	0.0692
6	2045	ALT3	EB	PM	Mainline	0.94	1.24	28.52	4.25	10616	7181	0.0869	0.0802	0.0296	0.0015	0.0132	0.0368	0.0065	0.0033	0.0007	0.0497	0.1151
7	2045	ALT3	EB	PM	Mainline	1.42	1.90	46.59	6.73	16636	11274	0.1293	0.1194	0.0447	0.0022	0.0228	0.0609	0.0096	0.0055	0.0011	0.0676	0.2166
8	2045	ALT3	EB	PM	Mainline	1.76	2.33	53.37	8.16	19973	13565	0.1708	0.1577	0.0553	0.0027	0.0264	0.0719	0.0120	0.0062	0.0013	0.1016	0.2389
9	2045	ALT3	EB	PM	Mainline	1.47	1.96	47.37	7.03	17118	11623	0.1380	0.1274	0.0462	0.0022	0.0235	0.0629	0.0100	0.0055	0.0011	0.0762	0.2228
10	2045	ALT3	EB	PM	Mainline	0.46	0.60	12.86	2.06	5016	3412	0.0459	0.0424	0.0144	0.0007	0.0066	0.0182	0.0031	0.0015	0.0003	0.0288	0.0585
11	2045	ALT3	EB	PM	Mainline	0.91	1.21	28.04	4.30	10436	7096	0.0893	0.0824	0.0287	0.0014	0.0142	0.0382	0.0062	0.0033	0.0007	0.0529	0.1312
12	2045	ALT3	EB	PM	Mainline	0.65	0.86	18.53	2.92	7178	4876	0.0643	0.0593	0.0205	0.0010	0.0094	0.0258	0.0045	0.0022	0.0005	0.0396	0.0819
13	2045	ALT3	EB	PM	Mainline	0.67	0.87	17.53	2.78	7030	4758	0.0634	0.0585	0.0211	0.0011	0.0087	0.0247	0.0047	0.0022	0.0005	0.0391	0.0698
14	2045	ALT3	EB	PM	Mainline	1.00	1.31	27.04	4.32	10722	7273	0.0976	0.0900	0.0315	0.0016	0.0136	0.0382	0.0069	0.0033	0.0007	0.0608	0.1142

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
15	2045	ALT3	EB	PM	Mainline	1.23	1.63	37.78	5.78	14042	9547	0.1198	0.1106	0.0386	0.0019	0.0191	0.0514	0.0084	0.0044	0.0009	0.0708	0.1763
16	2045	ALT3	EB	PM	Mainline	0.73	0.97	23.45	3.50	8486	5766	0.0690	0.0637	0.0229	0.0011	0.0118	0.0315	0.0049	0.0027	0.0005	0.0384	0.1130
17	2045	ALT3	EB	PM	Mainline	1.40	1.92	45.87	6.54	16480	11182	0.1260	0.1164	0.0442	0.0021	0.0247	0.0646	0.0094	0.0059	0.0011	0.0595	0.2491
18	2045	ALT3	EB	PM	Mainline	1.03	1.38	33.48	4.91	12031	8161	0.0954	0.0881	0.0324	0.0016	0.0165	0.0441	0.0070	0.0039	0.0008	0.0514	0.1569
19	2045	ALT3	EB	PM	Mainline	0.80	1.07	24.80	3.72	9172	6218	0.0759	0.0701	0.0253	0.0012	0.0119	0.0326	0.0055	0.0029	0.0006	0.0437	0.1076
20	2045	ALT3	EB	PM	Mainline	1.72	2.30	55.68	8.15	20029	13573	0.1582	0.1461	0.0540	0.0026	0.0268	0.0723	0.0117	0.0065	0.0013	0.0854	0.2506
21	2045	ALT3	EB	PM	Mainline	0.19	0.25	5.83	0.87	2155	1458	0.0175	0.0162	0.0060	0.0003	0.0027	0.0075	0.0013	0.0007	0.0001	0.0099	0.0241
22	2045	ALT3	EB	PM	Mainline	0.76	1.00	21.89	3.40	8390	5693	0.0733	0.0677	0.0238	0.0012	0.0108	0.0299	0.0052	0.0026	0.0005	0.0443	0.0945
23	2045	ALT3	EB	PM	Mainline	0.79	1.04	23.05	3.55	8773	5950	0.0756	0.0698	0.0248	0.0012	0.0113	0.0311	0.0054	0.0027	0.0006	0.0453	0.0985
24	2045	ALT3	EB	PM	Mainline	0.73	0.95	20.20	3.33	7972	5442	0.0766	0.0706	0.0228	0.0011	0.0110	0.0299	0.0050	0.0024	0.0005	0.0497	0.0997
25	2045	ALT3	EB	PM	Mainline	0.45	0.60	13.86	2.19	5181	3541	0.0463	0.0427	0.0141	0.0007	0.0076	0.0200	0.0030	0.0016	0.0003	0.0284	0.0736
26	2045	ALT3	EB	PM	Mainline	3.90	5.16	119.05	18.70	44579	30422	0.3953	0.3649	0.1220	0.0059	0.0636	0.1688	0.0263	0.0139	0.0029	0.2413	0.6057
27	2045	ALT3	EB	PM	Mainline	3.25	4.23	88.51	14.59	35138	23964	0.3372	0.3111	0.1013	0.0050	0.0478	0.1305	0.0222	0.0108	0.0024	0.2184	0.4256
28	2045	ALT3	EB	PM	Mainline	1.85	2.43	53.93	8.70	20696	14139	0.1923	0.1775	0.0576	0.0028	0.0293	0.0783	0.0125	0.0063	0.0014	0.1221	0.2744
29	2045	ALT3	EB	PM	Mainline	1.25	1.65	36.27	5.84	13975	9538	0.1295	0.1195	0.0392	0.0019	0.0195	0.0524	0.0085	0.0043	0.0009	0.0820	0.1800
30	2045	ALT3	EB	PM	Mainline	2.22	2.89	59.49	9.91	23860	16281	0.2331	0.2150	0.0694	0.0034	0.0326	0.0890	0.0152	0.0073	0.0017	0.1527	0.2882
31	2045	ALT3	EB	PM	Mainline	1.58	2.07	44.60	7.27	17405	11879	0.1643	0.1516	0.0493	0.0024	0.0241	0.0652	0.0107	0.0053	0.0012	0.1053	0.2204
32	2045	ALT3	EB	PM	Mainline	1.63	2.15	48.80	7.95	18586	12737	0.1746	0.1611	0.0510	0.0024	0.0277	0.0726	0.0110	0.0057	0.0012	0.1117	0.2687
33	2045	ALT3	EB	PM	Mainline	1.52	2.00	45.20	7.32	17238	11799	0.1611	0.1486	0.0475	0.0023	0.0251	0.0664	0.0102	0.0053	0.0012	0.1028	0.2407
34	2045	ALT3	EB	PM	Mainline	1.80	2.36	53.39	8.89	20449	14061	0.1980	0.1827	0.0558	0.0027	0.0318	0.0823	0.0120	0.0062	0.0014	0.1294	0.3154
35	2045	ALT3	EB	PM	Mainline	1.00	1.30	27.98	4.66	10995	7528	0.1075	0.0992	0.0311	0.0015	0.0158	0.0423	0.0067	0.0033	0.0008	0.0706	0.1480
36	2045	ALT3	EB	PM	Mainline	1.19	1.56	33.53	5.59	13172	9019	0.1288	0.1188	0.0372	0.0018	0.0190	0.0506	0.0081	0.0040	0.0009	0.0846	0.1773
37	2045	ALT3	EB	PM	Mainline	1.61	2.10	45.15	7.53	17741	12147	0.1735	0.1600	0.0501	0.0024	0.0256	0.0682	0.0109	0.0054	0.0012	0.1140	0.2388
38	2045	ALT3	EB	PM	Mainline	2.35	3.09	68.53	11.41	26491	18187	0.2581	0.2382	0.0732	0.0035	0.0399	0.1046	0.0157	0.0080	0.0018	0.1695	0.3874
39	2045	ALT3	EB	PM	Mainline	2.50	3.25	66.89	11.44	26974	18478	0.2747	0.2534	0.0778	0.0038	0.0385	0.1036	0.0169	0.0082	0.0019	0.1849	0.3527
40	2045	ALT3	EB	PM	Mainline	1.68	2.17	41.43	7.33	17394	11930	0.1893	0.1746	0.0523	0.0026	0.0250	0.0678	0.0114	0.0052	0.0013	0.1317	0.2220
41	2045	ALT3	EB	PM	Mainline	0.62	0.81	16.23	2.78	6609	4523	0.0676	0.0624	0.0194	0.0010	0.0093	0.0252	0.0042	0.0020	0.0005	0.0456	0.0834
42	2045	ALT3	EB	PM	Mainline	1.79	2.33	49.31	8.48	19649	13502	0.2016	0.1859	0.0556	0.0027	0.0294	0.0776	0.0120	0.0059	0.0014	0.1365	0.2797
43	2045	ALT3	EB	PM	Mainline	0.80	1.04	20.37	3.54	8411	5762	0.0886	0.0817	0.0249	0.0012	0.0120	0.0325	0.0055	0.0025	0.0006	0.0606	0.1069
44	2045	ALT3	EB	PM	Mainline	1.27	1.64	32.20	5.60	13300	9111	0.1401	0.1292	0.0394	0.0020	0.0189	0.0513	0.0086	0.0040	0.0010	0.0958	0.1691
45	2045	ALT3	EB	PM	Mainline	0.56	0.72	14.28	2.47	5865	4016	0.0611	0.0564	0.0173	0.0009	0.0083	0.0226	0.0038	0.0018	0.0004	0.0416	0.0745
46	2045	ALT3	EB	PM	Mainline	1.44	1.88	39.87	6.79	15816	10857	0.1600	0.1476	0.0447	0.0022	0.0234	0.0620	0.0097	0.0048	0.0011	0.1074	0.2221
47	2045	ALT3	EB	PM	Mainline	0.09	0.11	2.24	0.38	916	626	0.0094	0.0087	0.0027	0.0001	0.0013	0.0035	0.0006	0.0003	0.0001	0.0063	0.0114
48	2045	ALT3	EB	PM	Mainline	1.76	2.27	42.57	7.63	18052	12394	0.2011	0.1855	0.0546	0.0027	0.0261	0.0710	0.0120	0.0054	0.0013	0.1415	0.2326
49	2045	ALT3	EB	PM	Mainline	0.14	0.18	3.58	0.63	1481	1016	0.0158	0.0146	0.0044	0.0002	0.0021	0.0058	0.0010	0.0004	0.0001	0.0109	0.0194
50	2045	ALT3	EB	PM	Mainline	2.13	2.74	52.10	9.59	22121	15252	0.2555	0.2356	0.0660	0.0032	0.0336	0.0895	0.0144	0.0066	0.0017	0.1835	0.3098
51	2045	ALT3	EB	PM	Mainline	0.33	0.43	9.05	1.53	3614	2476	0.0363	0.0335	0.0103	0.0005	0.0052	0.0139	0.0022	0.0011	0.0003	0.0242	0.0479
52	2045	ALT3	EB	PM	Mainline	0.47	0.62	13.68	2.32	5312	3656	0.0530	0.0489	0.0146	0.0007	0.0082	0.0214	0.0031	0.0016	0.0004	0.0354	0.0812
53	2045	ALT3	EB	PM	Mainline	0.36	0.47	10.81	1.84	4124	2849	0.0405	0.0374	0.0111	0.0005	0.0069	0.0175	0.0023	0.0013	0.0003	0.0267	0.0717
54	2045	ALT3	EB	PM	Mainline	2.11	2.85	66.12	10.73	24611	16973	0.2173	0.2006	0.0657	0.0030	0.0454	0.1122	0.0137	0.0083	0.0017	0.1253	0.4918
55	2045	ALT3	EB	PM	Mainline	0.93	1.23	28.46	4.73	10738	7396	0.1018	0.0940	0.0289	0.0014	0.0176	0.0447	0.0061	0.0033	0.0007	0.0652	0.1797
56	2045	ALT3	EB	PM	Mainline	1.27	1.70	39.96	6.54	14814	10227	0.1337	0.1234	0.0393	0.0018	0.0267	0.0663	0.0082	0.0048	0.0010	0.0805	0.2869
57	2045	ALT3	EB	PM	Mainline	0.74	0.96	19.46	3.40	7918	5437	0.0833	0.0768	0.0229	0.0011	0.0116	0.0310	0.0050	0.0024	0.0006	0.0571	0.1077
58	2045	ALT3	EB	PM	Mainline	2.43	3.17	68.87	11.83	27084	18651	0.2766	0.2551	0.0752	0.0036	0.0420	0.1093	0.0162	0.0081	0.0019	0.1871	0.4114
59	2045	ALT3	EB	PM	Mainline	0.65	0.85	17.90	3.02	7109	4870	0.0709	0.0654	0.0202	0.0010	0.0103	0.0274	0.0044	0.0022	0.0005	0.0472	0.0954
60	2045	ALT3	EB	PM	Mainline	2.60	3.44	79.24	12.90	29880	20506	0.2778	0.2563	0.0811	0.0039	0.0462	0.1196	0.0173	0.0092	0.0020	0.1756	0.4587
61	2045	ALT3	EB	PM	Mainline	0.66	0.90	21.80	3.20	7811	5316	0.0621	0.0573	0.0208	0.0010	0.0117	0.0305	0.0044	0.0026	0.0005	0.0326	0.1172
62	2045	ALT3	EB	PM	Mainline	1.37	1.80	41.32	6.43	15514	10566	0.1362	0.1258	0.0428	0.0021	0.0213	0.0574	0.0093	0.0048	0.0010	0.0827	0.1983

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
63	2045	ALT3	EB	PM	Mainline	0.53	0.70	14.71	2.47	5838	3997	0.0578	0.0533	0.0166	0.0008	0.0084	0.0224	0.0036	0.0018	0.0004	0.0383	0.0772
64	2045	ALT3	EB	PM	Mainline	1.75	2.28	48.81	8.23	19259	13205	0.1916	0.1767	0.0544	0.0026	0.0282	0.0749	0.0118	0.0058	0.0013	0.1273	0.2657
65	2045	ALT3	EB	PM	Mainline	0.55	0.72	16.43	2.65	6244	4272	0.0579	0.0534	0.0172	0.0008	0.0091	0.0240	0.0037	0.0019	0.0004	0.0367	0.0873
66	2045	ALT3	EB	PM	Mainline	0.18	0.24	5.67	0.96	2134	1479	0.0204	0.0188	0.0057	0.0003	0.0040	0.0097	0.0012	0.0007	0.0001	0.0129	0.0427
67	2045	ALT3	EB	PM	Mainline	1.53	2.05	46.36	7.97	17625	12249	0.1645	0.1518	0.0470	0.0021	0.0360	0.0869	0.0097	0.0058	0.0012	0.0996	0.4018
68	2045	ALT3	EB	PM	Mainline	1.01	1.33	29.74	5.27	11556	8023	0.1205	0.1112	0.0311	0.0014	0.0203	0.0508	0.0066	0.0034	0.0008	0.0826	0.2132
69	2045	ALT3	EB	PM	Mainline	2.54	3.38	77.07	13.72	29470	20556	0.2954	0.2725	0.0780	0.0035	0.0586	0.1420	0.0161	0.0091	0.0021	0.1949	0.6477
70	2045	ALT3	EB	PM	Mainline	1.64	2.12	42.29	7.97	17666	12258	0.2082	0.1920	0.0505	0.0024	0.0289	0.0746	0.0109	0.0052	0.0014	0.1518	0.2839
71	2045	ALT3	EB	PM	Mainline	2.03	2.64	55.26	10.58	22652	15824	0.2691	0.2481	0.0624	0.0029	0.0406	0.1016	0.0132	0.0065	0.0017	0.1979	0.4236
72	2045	ALT3	EB	PM	Mainline	2.29	2.95	56.45	10.66	24020	16634	0.2875	0.2651	0.0706	0.0034	0.0382	0.1001	0.0153	0.0071	0.0019	0.2103	0.3639
73	2045	ALT3	EB	PM	Ramp	0.07	0.10	1.66	0.18	723	474	0.0052	0.0048	0.0023	0.0001	0.0006	0.0021	0.0005	0.0004	0.0001	0.0006	0.0042
74	2045	ALT3	EB	PM	Ramp	0.14	0.20	1.86	0.29	1072	718	0.0103	0.0095	0.0044	0.0002	0.0034	0.0083	0.0009	0.0007	0.0001	0.0020	0.0397
75	2045	ALT3	EB	PM	Ramp	0.09	0.13	1.56	0.20	794	526	0.0068	0.0063	0.0028	0.0001	0.0014	0.0039	0.0006	0.0005	0.0001	0.0011	0.0144
76	2045	ALT3	EB	PM	Ramp	0.18	0.27	2.68	0.37	1527	1013	0.0142	0.0131	0.0060	0.0003	0.0036	0.0092	0.0012	0.0011	0.0002	0.0020	0.0387
77	2045	ALT3	EB	PM	Ramp	0.17	0.25	2.47	0.31	1437	945	0.0133	0.0123	0.0055	0.0003	0.0025	0.0069	0.0012	0.0011	0.0002	0.0012	0.0236
78	2045	ALT3	EB	PM	Ramp	0.17	0.25	1.94	0.35	1204	814	0.0125	0.0115	0.0054	0.0002	0.0055	0.0126	0.0010	0.0009	0.0001	0.0027	0.0668
79	2045	ALT3	EB	PM	Ramp	0.20	0.31	2.60	0.33	1687	1106	0.0167	0.0155	0.0068	0.0003	0.0029	0.0084	0.0015	0.0014	0.0002	0.0012	0.0281
80	2045	ALT3	EB	PM	Ramp	0.24	0.36	4.08	0.56	2139	1423	0.0189	0.0175	0.0079	0.0004	0.0047	0.0121	0.0017	0.0014	0.0002	0.0033	0.0503
81	2045	ALT3	EB	PM	Ramp	0.24	0.35	6.13	0.73	2590	1712	0.0191	0.0177	0.0079	0.0004	0.0027	0.0084	0.0017	0.0014	0.0002	0.0037	0.0219
82	2045	ALT3	EB	PM	Ramp	0.14	0.21	3.15	0.42	1444	963	0.0117	0.0109	0.0047	0.0002	0.0024	0.0064	0.0010	0.0008	0.0001	0.0027	0.0239
83	2045	ALT3	EB	PM	Ramp	0.04	0.05	1.02	0.15	403	273	0.0032	0.0029	0.0011	0.0001	0.0006	0.0017	0.0002	0.0002	0.0000	0.0012	0.0066
84	2045	ALT3	EB	PM	Ramp	0.09	0.14	2.75	0.35	1075	717	0.0078	0.0072	0.0031	0.0002	0.0013	0.0038	0.0007	0.0005	0.0001	0.0022	0.0120
85	2045	ALT3	EB	PM	Ramp	0.13	0.19	4.20	0.53	1557	1040	0.0109	0.0101	0.0044	0.0002	0.0019	0.0053	0.0009	0.0007	0.0001	0.0034	0.0168
86	2045	ALT3	EB	PM	Ramp	0.28	0.40	5.32	0.82	2591	1751	0.0229	0.0212	0.0090	0.0004	0.0065	0.0159	0.0018	0.0014	0.0002	0.0068	0.0732
87	2045	ALT3	EB	PM	Ramp	0.11	0.16	2.05	0.26	1023	677	0.0086	0.0079	0.0036	0.0002	0.0018	0.0048	0.0008	0.0006	0.0001	0.0014	0.0176
88	2045	ALT3	EB	PM	Ramp	0.04	0.06	1.19	0.17	471	319	0.0037	0.0035	0.0013	0.0001	0.0008	0.0020	0.0003	0.0002	0.0000	0.0015	0.0079
89	2045	ALT3	EB	PM	Ramp	0.05	0.07	0.94	0.13	458	306	0.0039	0.0036	0.0016	0.0001	0.0010	0.0025	0.0003	0.0003	0.0000	0.0009	0.0103
90	2045	ALT3	EB	PM	Ramp	0.33	0.48	4.14	0.66	2502	1674	0.0248	0.0230	0.0105	0.0005	0.0085	0.0204	0.0021	0.0018	0.0003	0.0044	0.0991
91	2045	ALT3	EB	PM	Ramp	0.08	0.11	2.11	0.32	880	598	0.0074	0.0068	0.0026	0.0001	0.0015	0.0040	0.0005	0.0004	0.0001	0.0029	0.0162
92	2045	ALT3	EB	PM	Ramp	0.25	0.37	3.09	0.45	1934	1284	0.0193	0.0179	0.0081	0.0004	0.0055	0.0137	0.0017	0.0015	0.0002	0.0026	0.0613
93	2045	ALT3	EB	PM	Ramp	0.91	1.29	28.79	3.50	10602	7048	0.0715	0.0662	0.0296	0.0015	0.0117	0.0340	0.0065	0.0046	0.0007	0.0198	0.0988
94	2045	ALT3	EB	PM	Ramp	0.60	0.86	12.23	1.86	5760	3890	0.0501	0.0464	0.0192	0.0009	0.0129	0.0322	0.0040	0.0031	0.0005	0.0152	0.1418
95	2045	ALT3	EB	PM	Ramp																	
96	2045	ALT3	EB	PM	Ramp	0.08	0.11	2.80	0.37	986	662	0.0068	0.0063	0.0027	0.0001	0.0012	0.0034	0.0006	0.0004	0.0001	0.0027	0.0114
97	2045	ALT3	EB	PM	Ramp	0.05	0.07	1.25	0.23	519	361	0.0049	0.0045	0.0015	0.0001	0.0012	0.0029	0.0003	0.0002	0.0000	0.0027	0.0140
98	2045	ALT3	EB	PM	Ramp	0.10	0.14	2.73	0.46	1116	769	0.0099	0.0092	0.0032	0.0001	0.0023	0.0057	0.0007	0.0005	0.0001	0.0049	0.0258
99	2045	ALT3	EB	PM	Ramp	0.13	0.19	3.82	0.48	1488	991	0.0106	0.0098	0.0043	0.0002	0.0018	0.0050	0.0009	0.0007	0.0001	0.0029	0.0154
100	2045	ALT3	EB	PM	Ramp	0.19	0.27	5.58	0.79	2191	1481	0.0171	0.0158	0.0062	0.0003	0.0034	0.0090	0.0013	0.0009	0.0002	0.0065	0.0344
101	2045	ALT3	EB	PM	Ramp	0.08	0.11	2.67	0.35	962	646	0.0068	0.0063	0.0026	0.0001	0.0013	0.0034	0.0006	0.0004	0.0001	0.0026	0.0119
102	2045	ALT3	EB	PM	Ramp	0.06	0.08	1.77	0.24	660	444	0.0049	0.0045	0.0018	0.0001	0.0009	0.0025	0.0004	0.0003	0.0000	0.0018	0.0091
103	2045	ALT3	EB	PM	Ramp	0.05	0.07	1.71	0.20	612	405	0.0039	0.0036	0.0017	0.0001	0.0006	0.0018	0.0004	0.0003	0.0000	0.0010	0.0046
104	2045	ALT3	EB	PM	Ramp	0.10	0.15	2.35	0.31	1046	698	0.0084	0.0078	0.0033	0.0002	0.0016	0.0044	0.0007	0.0006	0.0001	0.0021	0.0156
105	2045	ALT3	EB	PM	Ramp	0.09	0.13	2.32	0.28	987	653	0.0073	0.0068	0.0030	0.0002	0.0011	0.0033	0.0007	0.0005	0.0001	0.0014	0.0089
106	2045	ALT3	EB	PM	Ramp	0.03	0.05	0.48	0.06	290	191	0.0028	0.0026	0.0012	0.0001	0.0006	0.0016	0.0002	0.0002	0.0000	0.0003	0.0059
107	2045	ALT3	EB	PM	Ramp	0.17	0.25	3.65	0.45	1710	1133	0.0137	0.0127	0.0057	0.0003	0.0026	0.0072	0.0012	0.0010	0.0002	0.0024	0.0245
108	2045	ALT3	EB	PM	Ramp	0.11	0.16	2.38	0.29	1098	726	0.0086	0.0080	0.0036	0.0002	0.0015	0.0043	0.0008	0.0006	0.0001	0.0014	0.0135
109	2045	ALT3	EB	PM	Ramp	0.14	0.21	3.59	0.44	1534	1017	0.0116	0.0107	0.0047	0.0002	0.0018	0.0053	0.0010	0.0008	0.0001	0.0025	0.0156
110	2045	ALT3	EB	PM	Ramp	0.14	0.20	3.20	0.45	1431	961	0.0118	0.0110	0.0045	0.0002	0.0025	0.0065	0.0010	0.0007	0.0001	0.0034	0.0253

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
111	2045	ALT3	EB	PM	Ramp	0.08	0.11	2.24	0.30	874	586	0.0065	0.0060	0.0025	0.0001	0.0012	0.0033	0.0005	0.0004	0.0001	0.0022	0.0115
112	2045	ALT3	EB	PM	Ramp	0.23	0.34	4.95	0.63	2313	1535	0.0186	0.0172	0.0077	0.0004	0.0036	0.0100	0.0016	0.0013	0.0002	0.0036	0.0353
113	2045	ALT3	EB	PM	Ramp	0.20	0.30	3.75	0.45	1909	1258	0.0160	0.0148	0.0068	0.0003	0.0029	0.0083	0.0015	0.0012	0.0002	0.0020	0.0276
114	2045	ALT3	EB	PM	Ramp	0.10	0.14	2.13	0.26	969	642	0.0076	0.0070	0.0031	0.0002	0.0014	0.0038	0.0007	0.0005	0.0001	0.0014	0.0125
115	2045	ALT3	EB	PM	Ramp																	
116	2045	ALT3	EB	PM	Ramp	0.03	0.04	0.70	0.09	304	201	0.0023	0.0021	0.0009	0.0000	0.0004	0.0010	0.0002	0.0002	0.0000	0.0004	0.0029
117	2045	ALT3	EB	PM	Ramp	0.07	0.09	1.67	0.23	714	480	0.0057	0.0053	0.0021	0.0001	0.0010	0.0028	0.0005	0.0004	0.0001	0.0017	0.0099
118	2045	ALT3	EB	PM	Ramp	0.08	0.12	2.04	0.23	874	575	0.0063	0.0059	0.0027	0.0001	0.0008	0.0027	0.0006	0.0005	0.0001	0.0009	0.0062
119	2045	ALT3	EB	PM	Ramp	0.12	0.17	3.08	0.37	1299	861	0.0096	0.0089	0.0039	0.0002	0.0014	0.0043	0.0009	0.0007	0.0001	0.0020	0.0116
120	2045	ALT3	EB	PM	Ramp	0.07	0.10	1.64	0.20	706	467	0.0053	0.0049	0.0022	0.0001	0.0008	0.0024	0.0005	0.0004	0.0001	0.0010	0.0066
121	2045	ALT3	EB	PM	Ramp	0.17	0.23	5.46	0.75	1977	1333	0.0145	0.0134	0.0054	0.0003	0.0028	0.0074	0.0012	0.0008	0.0001	0.0060	0.0271
122	2045	ALT3	EB	PM	Ramp	1.35	1.94	35.24	4.68	14765	9873	0.1146	0.1060	0.0441	0.0022	0.0196	0.0550	0.0095	0.0073	0.0012	0.0322	0.1823
123	2045	ALT3	EB	PM	Ramp	0.82	1.13	21.68	3.81	8955	6207	0.0823	0.0761	0.0254	0.0011	0.0199	0.0480	0.0052	0.0035	0.0007	0.0427	0.2265
124	2045	ALT3	EB	PM	Ramp																	
125	2045	ALT3	EB	PM	Ramp	0.11	0.15	1.98	0.38	976	675	0.0096	0.0088	0.0034	0.0001	0.0032	0.0075	0.0007	0.0005	0.0001	0.0041	0.0389
126	2045	ALT3	EB	PM	Ramp	0.08	0.12	1.41	0.18	728	480	0.0062	0.0057	0.0026	0.0001	0.0012	0.0034	0.0006	0.0005	0.0001	0.0008	0.0118
127	2045	ALT3	EB	PM	Ramp	0.24	0.36	3.42	0.50	1974	1315	0.0187	0.0173	0.0079	0.0004	0.0054	0.0135	0.0016	0.0014	0.0002	0.0030	0.0604
128	2045	ALT3	EB	PM	Ramp	0.04	0.07	0.92	0.10	451	294	0.0035	0.0033	0.0015	0.0001	0.0004	0.0013	0.0003	0.0003	0.0000	0.0002	0.0019
129	2045	ALT3	EB	PM	Ramp	0.22	0.31	3.90	0.57	1948	1307	0.0171	0.0158	0.0069	0.0003	0.0047	0.0117	0.0014	0.0011	0.0002	0.0041	0.0518
130	2045	ALT3	EB	PM	Ramp	0.11	0.15	3.41	0.38	1253	826	0.0080	0.0074	0.0035	0.0002	0.0011	0.0035	0.0008	0.0006	0.0001	0.0016	0.0080
131	2045	ALT3	EB	PM	Ramp	0.19	0.27	4.42	0.69	1961	1331	0.0170	0.0157	0.0060	0.0003	0.0036	0.0092	0.0013	0.0010	0.0002	0.0062	0.0376
132	2045	ALT3	EB	PM	Ramp	0.11	0.16	3.55	0.38	1315	863	0.0083	0.0076	0.0037	0.0002	0.0010	0.0035	0.0008	0.0006	0.0001	0.0013	0.0066
133	2045	ALT3	EB	PM	Ramp	0.25	0.37	5.28	0.71	2485	1657	0.0205	0.0190	0.0083	0.0004	0.0044	0.0118	0.0018	0.0014	0.0002	0.0045	0.0454
134	2045	ALT3	EB	PM	Ramp	0.69	0.99	22.14	2.53	8147	5380	0.0526	0.0487	0.0229	0.0012	0.0076	0.0237	0.0050	0.0037	0.0006	0.0113	0.0568
135	2045	ALT3	EB	PM	Ramp	0.25	0.36	4.55	0.67	2266	1521	0.0199	0.0184	0.0081	0.0004	0.0054	0.0136	0.0017	0.0013	0.0002	0.0048	0.0601
136	2045	ALT3	EB	PM	Ramp	0.05	0.07	1.01	0.11	488	319	0.0038	0.0035	0.0016	0.0001	0.0005	0.0015	0.0004	0.0003	0.0000	0.0003	0.0031
137	2045	ALT3	EB	PM	Ramp	1.40	1.89	31.68	7.20	14482	10345	0.1590	0.1468	0.0420	0.0017	0.0453	0.1026	0.0081	0.0054	0.0012	0.0993	0.5497
138	2045	ALT3	EB	PM	Ramp																	
139	2045	ALT3	EB	PM	Ramp	0.09	0.14	2.08	0.24	956	630	0.0074	0.0068	0.0031	0.0002	0.0012	0.0035	0.0007	0.0006	0.0001	0.0011	0.0099
140	2045	ALT3	EB	PM	Ramp	0.29	0.45	4.34	0.52	2569	1685	0.0239	0.0221	0.0099	0.0005	0.0039	0.0115	0.0021	0.0019	0.0003	0.0019	0.0354
141	2045	ALT3	EB	PM	Ramp	0.05	0.07	1.58	0.18	572	376	0.0036	0.0033	0.0016	0.0001	0.0005	0.0016	0.0004	0.0003	0.0000	0.0007	0.0034
142	2045	ALT3	EB	PM	Ramp	0.21	0.31	3.98	0.42	2026	1322	0.0164	0.0153	0.0071	0.0004	0.0019	0.0064	0.0016	0.0014	0.0002	0.0010	0.0118
143	2045	ALT3	EB	PM	Ramp	0.17	0.25	5.60	0.62	2051	1351	0.0129	0.0120	0.0058	0.0003	0.0018	0.0057	0.0013	0.0009	0.0001	0.0024	0.0122
144	2045	ALT3	EB	PM	HOT	1.65	2.21	54.57	5.96	18624	12108	0.0798	0.0740	0.0535	0.0029	0.0105	0.0411	0.0122	0.0064	0.0009	0.0069	0.0163
145	2045	ALT3	EB	PM	HOT	1.65	2.21	54.57	5.96	18624	12108	0.0798	0.0740	0.0535	0.0029	0.0105	0.0411	0.0122	0.0064	0.0009	0.0069	0.0163
146	2045	ALT3	EB	PM	HOT	1.65	2.21	54.57	5.96	18624	12108	0.0798	0.0740	0.0535	0.0029	0.0105	0.0411	0.0122	0.0064	0.0009	0.0069	0.0163
147	2045	ALT3	EB	PM	HOT	1.65	2.21	54.57	5.96	18624	12108	0.0798	0.0740	0.0535	0.0029	0.0105	0.0411	0.0122	0.0064	0.0009	0.0069	0.0163
148	2045	ALT3	EB	PM	HOT	1.65	2.21	54.57	5.96	18624	12108	0.0798	0.0740	0.0535	0.0029	0.0105	0.0411	0.0122	0.0064	0.0009	0.0069	0.0163
149	2045	ALT3	EB	PM	HOT	1.65	2.21	54.57	5.96	18624	12108	0.0798	0.0740	0.0535	0.0029	0.0105	0.0411	0.0122	0.0064	0.0009	0.0069	0.0163
150	2045	ALT3	EB	PM	HOT	1.74	2.34	57.74	6.31	19705	12811	0.0845	0.0783	0.0566	0.0030	0.0111	0.0435	0.0129	0.0068	0.0010	0.0073	0.0173
151	2045	ALT3	EB	PM	HOT	1.74	2.34	57.74	6.31	19705	12811	0.0845	0.0783	0.0566	0.0030	0.0111	0.0435	0.0129	0.0068	0.0010	0.0073	0.0173
152	2045	ALT3	EB	PM	HOT	1.74	2.34	57.74	6.31	19705	12811	0.0845	0.0783	0.0566	0.0030	0.0111	0.0435	0.0129	0.0068	0.0010	0.0073	0.0173
153	2045	ALT3	EB	PM	HOT	1.21	1.60	35.34	4.04	12764	8299	0.0544	0.0504	0.0389	0.0021	0.0077	0.0299	0.0089	0.0044	0.0006	0.0050	0.0104
154	2045	ALT3	EB	PM	HOT	1.21	1.60	35.34	4.04	12764	8299	0.0544	0.0504	0.0389	0.0021	0.0077	0.0299	0.0089	0.0044	0.0006	0.0050	0.0104
155	2045	ALT3	EB	PM	HOT	1.21	1.60	35.34	4.04	12764	8299	0.0544	0.0504	0.0389	0.0021	0.0077	0.0299	0.0089	0.0044	0.0006	0.0050	0.0104
156	2045	ALT3	EB	PM	HOT	1.21	1.60	35.34	4.04	12764	8299	0.0544	0.0504	0.0389	0.0021	0.0077	0.0299	0.0089	0.0044	0.0006	0.0050	0.0104
157	2045	ALT3	EB	PM	HOT	1.21	1.60	35.34	4.04	12764	8299	0.0544	0.0504	0.0389	0.0021	0.0077	0.0299	0.0089	0.0044	0.0006	0.0050	0.0104
158	2045	ALT3	EB	PM	HOT	1.21	1.60	35.34	4.04	12764	8299	0.0544	0.0504	0.0389	0.0021	0.0077	0.0299	0.0089	0.0044	0.0006	0.0050	0.0104

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlevl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
159	2045	ALT3	EB	PM	HOT	1.21	1.60	35.34	4.04	12764	8299	0.0544	0.0504	0.0389	0.0021	0.0077	0.0299	0.0089	0.0044	0.0006	0.0050	0.0104
160	2045	ALT3	EB	PM	HOT	1.21	1.60	35.34	4.04	12764	8299	0.0544	0.0504	0.0389	0.0021	0.0077	0.0299	0.0089	0.0044	0.0006	0.0050	0.0104
161	2045	ALT3	EB	PM	HOT	0.23	0.31	7.57	0.83	2586	1682	0.0111	0.0103	0.0074	0.0004	0.0015	0.0057	0.0017	0.0009	0.0001	0.0010	0.0023
162	2045	ALT3	EB	PM	HOT	0.23	0.31	7.57	0.83	2586	1682	0.0111	0.0103	0.0074	0.0004	0.0015	0.0057	0.0017	0.0009	0.0001	0.0010	0.0023
163	2045	ALT3	EB	PM	HOT	0.23	0.31	7.57	0.83	2586	1682	0.0111	0.0103	0.0074	0.0004	0.0015	0.0057	0.0017	0.0009	0.0001	0.0010	0.0023
164	2045	ALT3	EB	PM	HOT	0.23	0.31	7.57	0.83	2586	1682	0.0111	0.0103	0.0074	0.0004	0.0015	0.0057	0.0017	0.0009	0.0001	0.0010	0.0023
165	2045	ALT3	EB	PM	HOT	0.23	0.31	7.57	0.83	2586	1682	0.0111	0.0103	0.0074	0.0004	0.0015	0.0057	0.0017	0.0009	0.0001	0.0010	0.0023
166	2045	ALT3	EB	PM	HOT	0.23	0.31	7.57	0.83	2586	1682	0.0111	0.0103	0.0074	0.0004	0.0015	0.0057	0.0017	0.0009	0.0001	0.0010	0.0023
167	2045	ALT3	EB	PM	HOT	0.23	0.31	7.57	0.83	2586	1682	0.0111	0.0103	0.0074	0.0004	0.0015	0.0057	0.0017	0.0009	0.0001	0.0010	0.0023
168	2045	ALT3	EB	PM	HOT	0.23	0.31	7.57	0.83	2586	1682	0.0111	0.0103	0.0074	0.0004	0.0015	0.0057	0.0017	0.0009	0.0001	0.0010	0.0023
169	2045	ALT3	EB	PM	HOT	0.23	0.31	7.57	0.83	2586	1682	0.0111	0.0103	0.0074	0.0004	0.0015	0.0057	0.0017	0.0009	0.0001	0.0010	0.0023
170	2045	ALT3	EB	PM	HOT	0.23	0.31	7.57	0.83	2586	1682	0.0111	0.0103	0.0074	0.0004	0.0015	0.0057	0.0017	0.0009	0.0001	0.0010	0.0023
171	2045	ALT3	EB	PM	HOT	0.05	0.07	1.65	0.19	587	382	0.0025	0.0023	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
172	2045	ALT3	EB	PM	HOT	0.05	0.07	1.65	0.19	587	382	0.0025	0.0023	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
173	2045	ALT3	EB	PM	HOT	0.05	0.07	1.65	0.19	587	382	0.0025	0.0023	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
174	2045	ALT3	EB	PM	HOT	0.05	0.07	1.65	0.19	587	382	0.0025	0.0023	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
175	2045	ALT3	EB	PM	HOT	0.05	0.07	1.65	0.19	587	382	0.0025	0.0023	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
176	2045	ALT3	EB	PM	HOT	0.05	0.07	1.65	0.19	587	382	0.0025	0.0023	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
177	2045	ALT3	EB	PM	HOT	0.05	0.07	1.65	0.19	587	382	0.0025	0.0023	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
178	2045	ALT3	EB	PM	HOT	0.05	0.07	1.65	0.19	587	382	0.0025	0.0023	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
179	2045	ALT3	EB	PM	HOT	0.22	0.29	6.47	0.73	2310	1502	0.0099	0.0091	0.0070	0.0004	0.0014	0.0053	0.0016	0.0008	0.0001	0.0009	0.0019
180	2045	ALT3	EB	PM	HOT	0.22	0.29	6.47	0.73	2310	1502	0.0099	0.0091	0.0070	0.0004	0.0014	0.0053	0.0016	0.0008	0.0001	0.0009	0.0019
181	2045	ALT3	EB	PM	HOT	0.19	0.26	5.41	0.62	1998	1299	0.0085	0.0079	0.0063	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0016
182	2045	ALT3	EB	PM	HOT	0.19	0.26	5.41	0.62	1998	1299	0.0085	0.0079	0.0063	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0016
183	2045	ALT3	EB	PM	HOT	0.19	0.26	5.41	0.62	1998	1299	0.0085	0.0079	0.0063	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0016
184	2045	ALT3	EB	PM	HOT	0.19	0.26	5.41	0.62	1998	1299	0.0085	0.0079	0.0063	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0016
185	2045	ALT3	EB	PM	HOT	0.19	0.26	5.41	0.62	1998	1299	0.0085	0.0079	0.0063	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0016
186	2045	ALT3	EB	PM	HOT	0.19	0.26	5.41	0.62	1998	1299	0.0085	0.0079	0.0063	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0016
187	2045	ALT3	EB	PM	HOT	0.19	0.26	5.41	0.62	1998	1299	0.0085	0.0079	0.0063	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0016
188	2045	ALT3	EB	PM	HOT	0.19	0.26	5.41	0.62	1998	1299	0.0085	0.0079	0.0063	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0016
189	2045	ALT3	EB	PM	HOT	0.19	0.26	5.41	0.62	1998	1299	0.0085	0.0079	0.0063	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0016
190	2045	ALT3	EB	PM	HOT	0.19	0.26	5.41	0.62	1998	1299	0.0085	0.0079	0.0063	0.0003	0.0012	0.0048	0.0014	0.0007	0.0001	0.0008	0.0016
191	2045	ALT3	EB	PM	HOT	0.47	0.63	14.40	1.62	5114	3325	0.0218	0.0202	0.0153	0.0008	0.0030	0.0118	0.0035	0.0018	0.0003	0.0020	0.0043
192	2045	ALT3	EB	PM	HOT	0.47	0.63	14.40	1.62	5114	3325	0.0218	0.0202	0.0153	0.0008	0.0030	0.0118	0.0035	0.0018	0.0003	0.0020	0.0043
193	2045	ALT3	EB	PM	HOT	0.47	0.63	14.40	1.62	5114	3325	0.0218	0.0202	0.0153	0.0008	0.0030	0.0118	0.0035	0.0018	0.0003	0.0020	0.0043
194	2045	ALT3	EB	PM	HOT	0.47	0.63	14.40	1.62	5114	3325	0.0218	0.0202	0.0153	0.0008	0.0030	0.0118	0.0035	0.0018	0.0003	0.0020	0.0043
195	2045	ALT3	EB	PM	HOT	0.47	0.63	14.40	1.62	5114	3325	0.0218	0.0202	0.0153	0.0008	0.0030	0.0118	0.0035	0.0018	0.0003	0.0020	0.0043
196	2045	ALT3	EB	PM	HOT	0.47	0.63	14.40	1.62	5114	3325	0.0218	0.0202	0.0153	0.0008	0.0030	0.0118	0.0035	0.0018	0.0003	0.0020	0.0043
197	2045	ALT3	EB	PM	HOT	0.47	0.63	14.40	1.62	5114	3325	0.0218	0.0202	0.0153	0.0008	0.0030	0.0118	0.0035	0.0018	0.0003	0.0020	0.0043
198	2045	ALT3	EB	PM	HOT	0.47	0.63	14.40	1.62	5114	3325	0.0218	0.0202	0.0153	0.0008	0.0030	0.0118	0.0035	0.0018	0.0003	0.0020	0.0043
199	2045	ALT3	EB	PM	HOT	0.07	0.10	2.26	0.25	797	518	0.0034	0.0032	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0007
200	2045	ALT3	EB	PM	HOT	0.07	0.10	2.26	0.25	797	518	0.0034	0.0032	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0007
201	2045	ALT3	EB	PM	HOT	0.07	0.10	2.26	0.25	797	518	0.0034	0.0032	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0007
202	2045	ALT3	EB	PM	HOT	0.07	0.10	2.26	0.25	797	518	0.0034	0.0032	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0007
203	2045	ALT3	EB	PM	HOT	0.07	0.10	2.26	0.25	797	518	0.0034	0.0032	0.0024	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0007
204	2045	ALT3	EB	PM	HOT	0.07	0.10	2.54	0.27	840	546	0.0037	0.0034	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0008
205	2045	ALT3	EB	PM	HOT	0.07	0.10	2.54	0.27	840	546	0.0037	0.0034	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0008
206	2045	ALT3	EB	PM	HOT	0.07	0.10	2.54	0.27	840	546	0.0037	0.0034	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0008

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
207	2045	ALT3	EB	PM	HOT	0.07	0.10	2.54	0.27	840	546	0.0037	0.0034	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0008
208	2045	ALT3	EB	PM	HOT	0.07	0.10	2.54	0.27	840	546	0.0037	0.0034	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0008
209	2045	ALT3	EB	PM	HOT	0.07	0.10	2.54	0.27	840	546	0.0037	0.0034	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0008
210	2045	ALT3	EB	PM	HOT	0.05	0.06	1.72	0.18	562	365	0.0025	0.0023	0.0015	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0005
211	2045	ALT3	EB	PM	HOT	0.05	0.06	1.72	0.18	562	365	0.0025	0.0023	0.0015	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0005
212	2045	ALT3	EB	PM	HOT	0.05	0.06	1.72	0.18	562	365	0.0025	0.0023	0.0015	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0005
213	2045	ALT3	EB	PM	HOT	0.05	0.06	1.72	0.18	562	365	0.0025	0.0023	0.0015	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0005
214	2045	ALT3	EB	PM	HOV																	
215	2045	ALT3	EB	PM	HOV																	
1	2045	ALT3	EB	NT	Mainline	1.26	1.54	22.17	10.95	14358	11366	0.4735	0.4358	0.0349	0.0012	0.0526	0.1134	0.0063	0.0027	0.0022	0.4492	0.6621
2	2045	ALT3	EB	NT	Mainline	3.23	3.95	56.08	28.77	37030	29465	1.2567	1.1566	0.0891	0.0029	0.1387	0.2977	0.0158	0.0068	0.0059	1.1964	1.7531
3	2045	ALT3	EB	NT	Mainline	0.15	0.18	2.55	1.27	1656	1311	0.0557	0.0513	0.0041	0.0001	0.0060	0.0130	0.0007	0.0003	0.0003	0.0529	0.0755
4	2045	ALT3	EB	NT	Mainline	2.65	3.23	45.30	24.30	30622	24515	1.0734	0.9879	0.0727	0.0023	0.1176	0.2514	0.0127	0.0055	0.0050	1.0258	1.4947
5	2045	ALT3	EB	NT	Mainline	1.03	1.26	17.94	9.01	11729	9297	0.3975	0.3659	0.0286	0.0010	0.0429	0.0924	0.0051	0.0022	0.0019	0.3778	0.5387
6	2045	ALT3	EB	NT	Mainline	1.59	1.94	27.13	14.64	18402	14739	0.6521	0.6002	0.0437	0.0014	0.0706	0.1508	0.0076	0.0033	0.0030	0.6237	0.8963
7	2045	ALT3	EB	NT	Mainline	2.34	2.87	40.99	20.60	26777	21247	0.8941	0.8229	0.0648	0.0022	0.0992	0.2132	0.0115	0.0050	0.0042	0.8496	1.2506
8	2045	ALT3	EB	NT	Mainline	2.87	3.48	47.72	27.54	33549	27129	1.2369	1.1383	0.0778	0.0023	0.1343	0.2849	0.0133	0.0057	0.0057	1.1890	1.7198
9	2045	ALT3	EB	NT	Mainline	2.38	2.90	40.51	21.97	27546	22087	0.9725	0.8950	0.0651	0.0021	0.1066	0.2274	0.0113	0.0049	0.0045	0.9303	1.3555
10	2045	ALT3	EB	NT	Mainline	0.75	0.92	12.52	7.26	8824	7140	0.3265	0.3005	0.0204	0.0006	0.0354	0.0751	0.0035	0.0015	0.0015	0.3140	0.4534
11	2045	ALT3	EB	NT	Mainline	1.52	1.86	26.00	13.96	17584	14078	0.6167	0.5676	0.0417	0.0013	0.0676	0.1444	0.0073	0.0032	0.0029	0.5894	0.8585
12	2045	ALT3	EB	NT	Mainline	1.08	1.31	18.21	10.05	12503	10048	0.4482	0.4125	0.0294	0.0009	0.0487	0.1039	0.0051	0.0022	0.0021	0.4293	0.6211
13	2045	ALT3	EB	NT	Mainline	0.92	1.13	15.93	8.10	10493	8327	0.3638	0.3348	0.0256	0.0009	0.0382	0.0825	0.0046	0.0020	0.0017	0.3464	0.4804
14	2045	ALT3	EB	NT	Mainline	1.43	1.74	23.80	13.68	16696	13482	0.6253	0.5754	0.0390	0.0012	0.0658	0.1399	0.0067	0.0029	0.0029	0.6011	0.8396
15	2045	ALT3	EB	NT	Mainline	1.85	2.26	31.91	16.61	21247	16933	0.7355	0.6770	0.0511	0.0017	0.0797	0.1710	0.0090	0.0039	0.0034	0.7014	1.0076
16	2045	ALT3	EB	NT	Mainline	1.09	1.33	18.96	9.59	12436	9871	0.4212	0.3877	0.0302	0.0010	0.0458	0.0987	0.0054	0.0023	0.0020	0.4005	0.5776
17	2045	ALT3	EB	NT	Mainline	1.88	2.29	32.38	17.01	21645	17286	0.7432	0.6840	0.0515	0.0017	0.0826	0.1767	0.0090	0.0039	0.0035	0.7089	1.0479
18	2045	ALT3	EB	NT	Mainline	1.51	1.85	26.46	13.02	17121	13536	0.5694	0.5240	0.0419	0.0014	0.0620	0.1339	0.0075	0.0033	0.0027	0.5401	0.7784
19	2045	ALT3	EB	NT	Mainline	1.13	1.39	19.85	9.61	12749	10050	0.4227	0.3890	0.0315	0.0011	0.0453	0.0983	0.0057	0.0025	0.0020	0.4005	0.5668
20	2045	ALT3	EB	NT	Mainline	2.47	3.03	43.19	21.56	28151	22301	0.9475	0.8721	0.0686	0.0023	0.1028	0.2216	0.0123	0.0053	0.0044	0.9002	1.2919
21	2045	ALT3	EB	NT	Mainline	0.27	0.33	4.69	2.24	2992	2355	0.0984	0.0906	0.0074	0.0003	0.0106	0.0229	0.0014	0.0006	0.0005	0.0932	0.1318
22	2045	ALT3	EB	NT	Mainline	0.81	1.01	15.40	5.57	8671	6550	0.2294	0.2112	0.0236	0.0010	0.0249	0.0563	0.0046	0.0020	0.0011	0.2099	0.2941
23	2045	ALT3	EB	NT	Mainline	0.83	1.04	15.64	5.95	8990	6844	0.2479	0.2282	0.0240	0.0010	0.0269	0.0604	0.0047	0.0020	0.0012	0.2285	0.3222
24	2045	ALT3	EB	NT	Mainline	0.73	0.91	14.04	4.78	7697	5765	0.1921	0.1768	0.0212	0.0009	0.0211	0.0483	0.0042	0.0018	0.0010	0.1740	0.2463
25	2045	ALT3	EB	NT	Mainline	0.49	0.61	9.37	3.15	5119	3827	0.1266	0.1166	0.0142	0.0006	0.0139	0.0318	0.0028	0.0012	0.0006	0.1145	0.1611
26	2045	ALT3	EB	NT	Mainline	4.27	5.34	82.59	26.84	44618	33179	1.0763	0.9911	0.1257	0.0053	0.1168	0.2704	0.0253	0.0108	0.0055	0.9678	1.3421
27	2045	ALT3	EB	NT	Mainline	3.22	4.02	61.88	20.11	33481	24890	0.8105	0.7463	0.0947	0.0040	0.0873	0.2024	0.0191	0.0081	0.0041	0.7289	1.0013
28	2045	ALT3	EB	NT	Mainline	1.75	2.19	33.39	11.40	18413	13789	0.4663	0.4293	0.0512	0.0021	0.0501	0.1150	0.0102	0.0044	0.0024	0.4230	0.5828
29	2045	ALT3	EB	NT	Mainline	1.16	1.45	22.21	7.24	12038	8953	0.2926	0.2694	0.0340	0.0014	0.0315	0.0729	0.0069	0.0029	0.0015	0.2633	0.3609
30	2045	ALT3	EB	NT	Mainline	1.99	2.48	38.09	12.47	20676	15385	0.5046	0.4646	0.0584	0.0025	0.0542	0.1255	0.0118	0.0050	0.0026	0.4544	0.6223
31	2045	ALT3	EB	NT	Mainline	1.46	1.82	28.01	9.06	15133	11243	0.3652	0.3363	0.0429	0.0018	0.0393	0.0912	0.0087	0.0037	0.0019	0.3282	0.4500
32	2045	ALT3	EB	NT	Mainline	1.60	2.00	30.54	10.39	16810	12582	0.4240	0.3904	0.0468	0.0020	0.0456	0.1047	0.0094	0.0040	0.0021	0.3843	0.5303
33	2045	ALT3	EB	NT	Mainline	1.47	1.84	28.39	9.35	15413	11484	0.3762	0.3464	0.0432	0.0018	0.0408	0.0943	0.0087	0.0037	0.0019	0.3390	0.4710
34	2045	ALT3	EB	NT	Mainline	1.74	2.17	33.09	11.79	18523	13963	0.4842	0.4458	0.0506	0.0021	0.0525	0.1192	0.0100	0.0043	0.0024	0.4421	0.6185
35	2045	ALT3	EB	NT	Mainline	0.92	1.15	17.75	5.94	9698	7241	0.2403	0.2213	0.0271	0.0011	0.0260	0.0598	0.0054	0.0023	0.0012	0.2172	0.3010
36	2045	ALT3	EB	NT	Mainline	1.11	1.38	21.27	7.11	11620	8676	0.2880	0.2651	0.0325	0.0014	0.0311	0.0717	0.0065	0.0028	0.0015	0.2602	0.3607
37	2045	ALT3	EB	NT	Mainline	1.49	1.86	28.64	9.58	15650	11686	0.3878	0.3571	0.0437	0.0018	0.0419	0.0966	0.0088	0.0037	0.0020	0.3505	0.4858
38	2045	ALT3	EB	NT	Mainline	2.16	2.69	41.00	14.55	22923	17268	0.5979	0.5505	0.0628	0.0026	0.0646	0.1470	0.0124	0.0053	0.0030	0.5455	0.7604
39	2045	ALT3	EB	NT	Mainline	2.14	2.67	40.72	14.01	22519	16883	0.5739	0.5284	0.0625	0.0026	0.0617	0.1413	0.0125	0.0053	0.0029	0.5212	0.7192

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
40	2045	ALT3	EB	NT	Mainline	1.43	1.78	26.95	9.67	15172	11443	0.4026	0.3707	0.0417	0.0017	0.0429	0.0976	0.0082	0.0035	0.0020	0.3682	0.5048
41	2045	ALT3	EB	NT	Mainline	0.54	0.68	10.37	3.53	5708	4272	0.1439	0.1325	0.0159	0.0007	0.0155	0.0356	0.0032	0.0014	0.0007	0.1304	0.1800
42	2045	ALT3	EB	NT	Mainline	1.61	2.00	30.36	11.12	17203	13017	0.4617	0.4251	0.0467	0.0019	0.0497	0.1124	0.0092	0.0039	0.0023	0.4233	0.5888
43	2045	ALT3	EB	NT	Mainline	0.68	0.84	12.83	4.51	7157	5382	0.1859	0.1712	0.0198	0.0008	0.0199	0.0455	0.0039	0.0017	0.0009	0.1695	0.2335
44	2045	ALT3	EB	NT	Mainline	1.07	1.33	20.29	7.13	11317	8510	0.2940	0.2707	0.0312	0.0013	0.0315	0.0719	0.0062	0.0026	0.0015	0.2679	0.3693
45	2045	ALT3	EB	NT	Mainline	0.48	0.59	9.05	3.13	5014	3762	0.1284	0.1182	0.0139	0.0006	0.0138	0.0316	0.0028	0.0012	0.0006	0.1167	0.1609
46	2045	ALT3	EB	NT	Mainline	1.29	1.60	24.34	8.79	13710	10353	0.3635	0.3346	0.0374	0.0015	0.0392	0.0888	0.0074	0.0031	0.0018	0.3326	0.4625
47	2045	ALT3	EB	NT	Mainline	0.07	0.09	1.35	0.47	753	566	0.0196	0.0180	0.0021	0.0001	0.0021	0.0048	0.0004	0.0002	0.0001	0.0178	0.0246
48	2045	ALT3	EB	NT	Mainline	1.45	1.81	27.25	10.00	15476	11709	0.4181	0.3849	0.0422	0.0017	0.0445	0.1009	0.0083	0.0035	0.0021	0.3835	0.5270
49	2045	ALT3	EB	NT	Mainline	0.12	0.15	2.26	0.81	1270	958	0.0335	0.0309	0.0035	0.0001	0.0036	0.0082	0.0007	0.0003	0.0002	0.0306	0.0424
50	2045	ALT3	EB	NT	Mainline	2.07	2.57	38.76	14.54	22177	16841	0.6070	0.5588	0.0598	0.0024	0.0653	0.1471	0.0117	0.0050	0.0030	0.5585	0.7782
51	2045	ALT3	EB	NT	Mainline	0.36	0.46	7.13	2.27	3809	2824	0.0895	0.0824	0.0107	0.0005	0.0098	0.0228	0.0022	0.0009	0.0005	0.0801	0.1126
52	2045	ALT3	EB	NT	Mainline	0.56	0.71	11.14	3.39	5855	4314	0.1317	0.1213	0.0167	0.0007	0.0146	0.0341	0.0034	0.0015	0.0007	0.1168	0.1645
53	2045	ALT3	EB	NT	Mainline	0.42	0.53	8.27	2.61	4400	3261	0.1023	0.0942	0.0124	0.0005	0.0113	0.0263	0.0025	0.0011	0.0005	0.0914	0.1298
54	2045	ALT3	EB	NT	Mainline	2.38	2.98	47.32	14.98	25090	18615	0.5790	0.5332	0.0699	0.0030	0.0654	0.1514	0.0141	0.0061	0.0030	0.5174	0.7540
55	2045	ALT3	EB	NT	Mainline	1.13	1.42	22.44	6.93	11832	8740	0.2688	0.2475	0.0335	0.0014	0.0299	0.0698	0.0068	0.0029	0.0014	0.2391	0.3407
56	2045	ALT3	EB	NT	Mainline	1.38	1.72	26.81	9.10	14646	10971	0.3622	0.3335	0.0402	0.0017	0.0403	0.0921	0.0080	0.0034	0.0018	0.3279	0.4718
57	2045	ALT3	EB	NT	Mainline	0.76	0.95	14.64	4.80	7947	5916	0.1939	0.1786	0.0224	0.0010	0.0209	0.0483	0.0045	0.0019	0.0010	0.1747	0.2404
58	2045	ALT3	EB	NT	Mainline	2.64	3.29	50.44	17.21	27779	20803	0.7011	0.6456	0.0772	0.0032	0.0757	0.1736	0.0154	0.0066	0.0035	0.6358	0.8813
59	2045	ALT3	EB	NT	Mainline	0.68	0.85	13.08	4.18	7033	5216	0.1675	0.1543	0.0200	0.0009	0.0181	0.0421	0.0040	0.0017	0.0009	0.1502	0.2068
60	2045	ALT3	EB	NT	Mainline	2.87	3.59	55.55	18.08	30024	22332	0.7250	0.6676	0.0845	0.0036	0.0787	0.1822	0.0170	0.0073	0.0037	0.6520	0.9052
61	2045	ALT3	EB	NT	Mainline	0.67	0.84	13.20	3.94	6912	5076	0.1537	0.1416	0.0200	0.0009	0.0168	0.0396	0.0041	0.0017	0.0008	0.1359	0.1875
62	2045	ALT3	EB	NT	Mainline	1.36	1.71	26.46	8.25	14089	10411	0.3276	0.3017	0.0403	0.0017	0.0355	0.0829	0.0082	0.0035	0.0017	0.2923	0.4017
63	2045	ALT3	EB	NT	Mainline	0.55	0.68	10.50	3.49	5724	4269	0.1410	0.1298	0.0161	0.0007	0.0152	0.0351	0.0032	0.0014	0.0007	0.1272	0.1758
64	2045	ALT3	EB	NT	Mainline	1.76	2.19	33.51	11.77	18645	14025	0.4810	0.4429	0.0512	0.0021	0.0522	0.1189	0.0101	0.0043	0.0024	0.4382	0.6131
65	2045	ALT3	EB	NT	Mainline	0.58	0.72	11.13	3.71	6064	4528	0.1491	0.1373	0.0169	0.0007	0.0163	0.0375	0.0034	0.0014	0.0008	0.1346	0.1892
66	2045	ALT3	EB	NT	Mainline	0.18	0.22	3.40	1.15	1865	1397	0.0468	0.0431	0.0052	0.0002	0.0051	0.0117	0.0010	0.0004	0.0002	0.0424	0.0592
67	2045	ALT3	EB	NT	Mainline	1.33	1.65	25.17	9.25	14258	10799	0.3817	0.3514	0.0385	0.0016	0.0415	0.0937	0.0075	0.0032	0.0019	0.3501	0.4934
68	2045	ALT3	EB	NT	Mainline	0.97	1.21	18.45	6.52	10303	7756	0.2681	0.2468	0.0283	0.0012	0.0289	0.0659	0.0056	0.0024	0.0013	0.2444	0.3400
69	2045	ALT3	EB	NT	Mainline	2.26	2.80	41.94	16.57	24528	18771	0.6998	0.6442	0.0649	0.0025	0.0753	0.1681	0.0125	0.0054	0.0034	0.6483	0.9082
70	2045	ALT3	EB	NT	Mainline	1.36	1.69	25.20	9.68	14602	11121	0.4114	0.3788	0.0393	0.0016	0.0435	0.0977	0.0077	0.0033	0.0020	0.3799	0.5191
71	2045	ALT3	EB	NT	Mainline	1.65	2.03	29.22	13.39	18313	14311	0.5926	0.5454	0.0465	0.0017	0.0620	0.1356	0.0086	0.0037	0.0028	0.5587	0.7652
72	2045	ALT3	EB	NT	Mainline	1.58	1.96	28.45	12.29	17364	13450	0.5393	0.4965	0.0451	0.0017	0.0562	0.1241	0.0085	0.0036	0.0026	0.5054	0.6864
73	2045	ALT3	EB	NT	Ramp	0.03	0.04	0.92	0.14	358	243	0.0029	0.0026	0.0010	0.0000	0.0006	0.0015	0.0002	0.0001	0.0000	0.0012	0.0062
74	2045	ALT3	EB	NT	Ramp	0.03	0.04	0.64	0.12	301	209	0.0030	0.0027	0.0010	0.0000	0.0008	0.0020	0.0002	0.0001	0.0000	0.0014	0.0097
75	2045	ALT3	EB	NT	Ramp	0.05	0.06	1.24	0.19	505	344	0.0042	0.0039	0.0014	0.0001	0.0009	0.0023	0.0003	0.0002	0.0000	0.0018	0.0097
76	2045	ALT3	EB	NT	Ramp	0.08	0.12	1.75	0.28	812	552	0.0072	0.0067	0.0026	0.0001	0.0018	0.0045	0.0005	0.0004	0.0001	0.0025	0.0204
77	2045	ALT3	EB	NT	Ramp	0.06	0.09	1.79	0.25	721	486	0.0056	0.0052	0.0021	0.0001	0.0011	0.0029	0.0004	0.0003	0.0001	0.0020	0.0108
78	2045	ALT3	EB	NT	Ramp	0.07	0.09	1.33	0.23	631	432	0.0059	0.0054	0.0021	0.0001	0.0017	0.0040	0.0004	0.0003	0.0001	0.0023	0.0195
79	2045	ALT3	EB	NT	Ramp	0.10	0.15	2.60	0.38	1128	760	0.0093	0.0086	0.0034	0.0002	0.0018	0.0047	0.0007	0.0006	0.0001	0.0030	0.0176
80	2045	ALT3	EB	NT	Ramp	0.13	0.19	2.82	0.45	1303	886	0.0116	0.0107	0.0042	0.0002	0.0029	0.0072	0.0009	0.0007	0.0001	0.0042	0.0323
81	2045	ALT3	EB	NT	Ramp	0.14	0.19	3.88	0.63	1537	1057	0.0133	0.0123	0.0043	0.0002	0.0030	0.0075	0.0009	0.0006	0.0001	0.0066	0.0334
82	2045	ALT3	EB	NT	Ramp	0.09	0.14	2.21	0.33	984	666	0.0084	0.0078	0.0030	0.0001	0.0018	0.0046	0.0006	0.0005	0.0001	0.0029	0.0186
83	2045	ALT3	EB	NT	Ramp	0.03	0.04	0.58	0.18	288	216	0.0040	0.0037	0.0008	0.0000	0.0012	0.0026	0.0001	0.0001	0.0000	0.0031	0.0156
84	2045	ALT3	EB	NT	Ramp	0.03	0.05	1.03	0.15	389	264	0.0031	0.0028	0.0011	0.0001	0.0006	0.0016	0.0002	0.0002	0.0000	0.0013	0.0065
85	2045	ALT3	EB	NT	Ramp	0.15	0.19	4.03	0.78	1625	1146	0.0166	0.0153	0.0044	0.0002	0.0041	0.0095	0.0009	0.0005	0.0001	0.0106	0.0477
86	2045	ALT3	EB	NT	Ramp	0.16	0.21	3.52	0.87	1625	1177	0.0191	0.0176	0.0046	0.0002	0.0056	0.0124	0.0009	0.0006	0.0001	0.0130	0.0689
87	2045	ALT3	EB	NT	Ramp	0.05	0.08	1.13	0.21	534	369	0.0052	0.0048	0.0017	0.0001	0.0015	0.0034	0.0003	0.0003	0.0000	0.0023	0.0169

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
88	2045	ALT3	EB	NT	Ramp	0.05	0.07	1.09	0.31	526	389	0.0069	0.0064	0.0015	0.0001	0.0021	0.0046	0.0003	0.0002	0.0000	0.0052	0.0265
89	2045	ALT3	EB	NT	Ramp	0.03	0.04	0.51	0.11	251	177	0.0026	0.0024	0.0008	0.0000	0.0008	0.0019	0.0002	0.0001	0.0000	0.0014	0.0099
90	2045	ALT3	EB	NT	Ramp	0.08	0.11	1.29	0.39	704	517	0.0090	0.0083	0.0023	0.0001	0.0035	0.0076	0.0004	0.0003	0.0001	0.0060	0.0445
91	2045	ALT3	EB	NT	Ramp	0.07	0.09	1.41	0.44	707	528	0.0097	0.0089	0.0020	0.0001	0.0030	0.0065	0.0004	0.0002	0.0001	0.0075	0.0384
92	2045	ALT3	EB	NT	Ramp	0.11	0.15	1.82	0.45	950	679	0.0107	0.0099	0.0033	0.0001	0.0043	0.0095	0.0006	0.0004	0.0001	0.0061	0.0539
93	2045	ALT3	EB	NT	Ramp	3.15	3.73	30.16	27.51	28013	23914	0.6575	0.6051	0.0769	0.0009	0.2239	0.4546	0.0095	0.0031	0.0030	0.6313	3.0105
94	2045	ALT3	EB	NT	Ramp	0.32	0.42	7.34	1.94	3368	2471	0.0426	0.0393	0.0093	0.0003	0.0122	0.0268	0.0017	0.0010	0.0003	0.0316	0.1525
95	2045	ALT3	EB	NT	Ramp	0.07	0.09	1.87	0.36	768	539	0.0076	0.0070	0.0021	0.0001	0.0019	0.0045	0.0004	0.0003	0.0001	0.0045	0.0226
96	2045	ALT3	EB	NT	Ramp	0.07	0.10	2.20	0.40	853	596	0.0083	0.0076	0.0023	0.0001	0.0019	0.0045	0.0005	0.0003	0.0001	0.0051	0.0218
97	2045	ALT3	EB	NT	Ramp	0.05	0.06	0.53	0.38	414	344	0.0087	0.0080	0.0012	0.0000	0.0030	0.0062	0.0002	0.0001	0.0000	0.0081	0.0407
98	2045	ALT3	EB	NT	Ramp	0.04	0.06	0.90	0.29	450	338	0.0064	0.0059	0.0013	0.0000	0.0020	0.0042	0.0002	0.0001	0.0000	0.0050	0.0251
99	2045	ALT3	EB	NT	Ramp	0.12	0.16	3.03	0.68	1293	931	0.0149	0.0137	0.0035	0.0001	0.0039	0.0088	0.0007	0.0004	0.0001	0.0105	0.0476
100	2045	ALT3	EB	NT	Ramp	0.11	0.14	2.72	0.56	1144	811	0.0119	0.0110	0.0032	0.0001	0.0031	0.0072	0.0006	0.0004	0.0001	0.0075	0.0375
101	2045	ALT3	EB	NT	Ramp	0.04	0.05	0.83	0.23	381	282	0.0052	0.0048	0.0010	0.0000	0.0014	0.0030	0.0002	0.0001	0.0000	0.0040	0.0174
102	2045	ALT3	EB	NT	Ramp	0.03	0.04	0.83	0.18	356	255	0.0039	0.0036	0.0010	0.0000	0.0011	0.0024	0.0002	0.0001	0.0000	0.0026	0.0129
103	2045	ALT3	EB	NT	Ramp	0.03	0.03	0.80	0.12	297	204	0.0025	0.0023	0.0008	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0013	0.0055
104	2045	ALT3	EB	NT	Ramp	0.06	0.09	1.43	0.24	647	442	0.0058	0.0054	0.0020	0.0001	0.0013	0.0033	0.0004	0.0003	0.0001	0.0024	0.0147
105	2045	ALT3	EB	NT	Ramp	0.04	0.06	1.22	0.21	488	337	0.0044	0.0040	0.0014	0.0001	0.0010	0.0025	0.0003	0.0002	0.0000	0.0023	0.0115
106	2045	ALT3	EB	NT	Ramp	0.01	0.01	0.23	0.03	101	67	0.0008	0.0008	0.0003	0.0000	0.0002	0.0004	0.0001	0.0001	0.0000	0.0002	0.0017
107	2045	ALT3	EB	NT	Ramp	0.10	0.13	2.46	0.46	1038	726	0.0101	0.0093	0.0030	0.0001	0.0026	0.0060	0.0006	0.0004	0.0001	0.0056	0.0299
108	2045	ALT3	EB	NT	Ramp	0.08	0.11	1.77	0.25	784	526	0.0064	0.0059	0.0024	0.0001	0.0013	0.0034	0.0005	0.0004	0.0001	0.0018	0.0127
109	2045	ALT3	EB	NT	Ramp	0.07	0.10	1.96	0.35	794	552	0.0074	0.0068	0.0022	0.0001	0.0018	0.0043	0.0004	0.0003	0.0001	0.0041	0.0207
110	2045	ALT3	EB	NT	Ramp	0.07	0.10	1.56	0.26	705	482	0.0064	0.0059	0.0022	0.0001	0.0015	0.0036	0.0004	0.0003	0.0001	0.0026	0.0159
111	2045	ALT3	EB	NT	Ramp	0.02	0.03	0.65	0.12	257	181	0.0026	0.0024	0.0007	0.0000	0.0006	0.0015	0.0001	0.0001	0.0000	0.0017	0.0072
112	2045	ALT3	EB	NT	Ramp	0.11	0.15	2.32	0.42	1070	737	0.0101	0.0094	0.0033	0.0001	0.0025	0.0062	0.0007	0.0005	0.0001	0.0045	0.0289
113	2045	ALT3	EB	NT	Ramp	0.08	0.11	2.26	0.33	890	604	0.0071	0.0066	0.0025	0.0001	0.0015	0.0038	0.0005	0.0004	0.0001	0.0029	0.0152
114	2045	ALT3	EB	NT	Ramp	0.07	0.10	1.60	0.24	715	482	0.0060	0.0056	0.0022	0.0001	0.0013	0.0033	0.0005	0.0004	0.0001	0.0020	0.0133
115	2045	ALT3	EB	NT	Ramp																	
116	2045	ALT3	EB	NT	Ramp	0.02	0.03	0.53	0.07	227	151	0.0017	0.0016	0.0007	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0004	0.0025
117	2045	ALT3	EB	NT	Ramp	0.05	0.07	1.31	0.24	546	381	0.0052	0.0048	0.0015	0.0001	0.0013	0.0031	0.0003	0.0002	0.0000	0.0029	0.0151
118	2045	ALT3	EB	NT	Ramp	0.03	0.04	0.76	0.11	333	224	0.0028	0.0026	0.0010	0.0000	0.0005	0.0014	0.0002	0.0002	0.0000	0.0009	0.0053
119	2045	ALT3	EB	NT	Ramp	0.05	0.07	1.56	0.23	600	407	0.0048	0.0044	0.0017	0.0001	0.0010	0.0025	0.0004	0.0002	0.0000	0.0020	0.0102
120	2045	ALT3	EB	NT	Ramp	0.03	0.04	0.66	0.10	291	197	0.0025	0.0023	0.0009	0.0000	0.0005	0.0013	0.0002	0.0001	0.0000	0.0008	0.0050
121	2045	ALT3	EB	NT	Ramp	0.05	0.07	1.41	0.32	593	427	0.0069	0.0064	0.0016	0.0001	0.0018	0.0040	0.0003	0.0002	0.0000	0.0050	0.0214
122	2045	ALT3	EB	NT	Ramp	0.91	1.21	23.99	5.11	10029	7159	0.1099	0.1014	0.0272	0.0011	0.0283	0.0645	0.0053	0.0032	0.0008	0.0742	0.3401
123	2045	ALT3	EB	NT	Ramp	0.75	0.98	18.27	4.51	8081	5886	0.0996	0.0918	0.0219	0.0008	0.0269	0.0598	0.0041	0.0024	0.0006	0.0732	0.3328
124	2045	ALT3	EB	NT	Ramp	0.06	0.08	1.24	0.26	586	412	0.0061	0.0056	0.0018	0.0001	0.0016	0.0038	0.0004	0.0003	0.0000	0.0032	0.0190
125	2045	ALT3	EB	NT	Ramp	0.00	0.01	0.11	0.03	51	37	0.0006	0.0006	0.0001	0.0000	0.0002	0.0004	0.0000	0.0000	0.0000	0.0005	0.0023
126	2045	ALT3	EB	NT	Ramp	0.04	0.05	0.79	0.13	365	249	0.0033	0.0031	0.0012	0.0001	0.0009	0.0021	0.0002	0.0002	0.0000	0.0013	0.0096
127	2045	ALT3	EB	NT	Ramp	0.14	0.19	3.16	0.57	1418	980	0.0134	0.0124	0.0043	0.0002	0.0032	0.0078	0.0009	0.0006	0.0001	0.0063	0.0364
128	2045	ALT3	EB	NT	Ramp	0.02	0.02	0.41	0.05	176	116	0.0013	0.0012	0.0005	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0002	0.0011
129	2045	ALT3	EB	NT	Ramp	0.08	0.11	2.18	0.42	885	623	0.0089	0.0082	0.0024	0.0001	0.0022	0.0052	0.0005	0.0003	0.0001	0.0055	0.0261
130	2045	ALT3	EB	NT	Ramp	0.07	0.09	2.00	0.28	751	508	0.0057	0.0053	0.0021	0.0001	0.0011	0.0030	0.0004	0.0003	0.0001	0.0024	0.0116
131	2045	ALT3	EB	NT	Ramp	0.11	0.14	2.63	0.62	1147	830	0.0136	0.0125	0.0031	0.0001	0.0037	0.0082	0.0006	0.0004	0.0001	0.0096	0.0450
132	2045	ALT3	EB	NT	Ramp	0.05	0.07	1.57	0.21	581	390	0.0042	0.0039	0.0016	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0015	0.0076
133	2045	ALT3	EB	NT	Ramp	0.14	0.19	3.93	0.68	1554	1079	0.0142	0.0131	0.0043	0.0002	0.0034	0.0081	0.0009	0.0006	0.0001	0.0079	0.0384
134	2045	ALT3	EB	NT	Ramp	0.27	0.37	7.89	1.28	3069	2112	0.0265	0.0245	0.0085	0.0004	0.0060	0.0148	0.0017	0.0012	0.0002	0.0135	0.0666
135	2045	ALT3	EB	NT	Ramp	0.11	0.14	2.87	0.55	1165	818	0.0115	0.0106	0.0032	0.0001	0.0029	0.0067	0.0006	0.0004	0.0001	0.0069	0.0336

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
136	2045	ALT3	EB	NT	Ramp	0.03	0.04	0.64	0.08	279	186	0.0022	0.0020	0.0009	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0005	0.0035
137	2045	ALT3	EB	NT	Ramp	0.73	0.93	13.46	4.93	7214	5521	0.1103	0.1017	0.0201	0.0006	0.0352	0.0747	0.0034	0.0018	0.0006	0.0907	0.4553
138	2045	ALT3	EB	NT	Ramp	0.04	0.05	0.96	0.16	401	275	0.0035	0.0032	0.0012	0.0001	0.0008	0.0019	0.0002	0.0002	0.0000	0.0015	0.0085
139	2045	ALT3	EB	NT	Ramp	0.06	0.09	1.43	0.19	625	418	0.0050	0.0046	0.0019	0.0001	0.0009	0.0025	0.0004	0.0003	0.0001	0.0013	0.0090
140	2045	ALT3	EB	NT	Ramp	0.13	0.18	3.44	0.47	1394	937	0.0108	0.0100	0.0041	0.0002	0.0020	0.0054	0.0009	0.0006	0.0001	0.0035	0.0195
141	2045	ALT3	EB	NT	Ramp	0.02	0.03	0.64	0.08	230	153	0.0015	0.0014	0.0006	0.0000	0.0003	0.0007	0.0001	0.0001	0.0000	0.0004	0.0021
142	2045	ALT3	EB	NT	Ramp	0.04	0.05	1.31	0.16	462	308	0.0031	0.0028	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0010	0.0045
143	2045	ALT3	EB	NT	Ramp	0.04	0.06	1.39	0.17	498	331	0.0032	0.0030	0.0014	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0009	0.0042
144	2045	ALT3	EB	NT	HOT	0.20	0.26	4.60	0.53	1849	1202	0.0079	0.0073	0.0065	0.0003	0.0013	0.0049	0.0015	0.0006	0.0001	0.0008	0.0013
145	2045	ALT3	EB	NT	HOT	0.53	0.69	12.15	1.39	4881	3173	0.0209	0.0194	0.0170	0.0009	0.0034	0.0131	0.0039	0.0017	0.0002	0.0020	0.0034
146	2045	ALT3	EB	NT	HOT	0.02	0.03	0.53	0.06	211	137	0.0009	0.0008	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0001
147	2045	ALT3	EB	NT	HOT	0.45	0.58	10.28	1.17	4127	2683	0.0177	0.0164	0.0144	0.0008	0.0028	0.0110	0.0033	0.0014	0.0002	0.0017	0.0029
148	2045	ALT3	EB	NT	HOT	0.16	0.21	3.74	0.43	1501	976	0.0064	0.0060	0.0052	0.0003	0.0010	0.0040	0.0012	0.0005	0.0001	0.0006	0.0011
149	2045	ALT3	EB	NT	HOT	0.27	0.35	6.16	0.70	2473	1608	0.0106	0.0098	0.0086	0.0005	0.0017	0.0066	0.0020	0.0008	0.0001	0.0010	0.0017
150	2045	ALT3	EB	NT	HOT	0.35	0.45	7.89	0.90	3174	2063	0.0136	0.0126	0.0111	0.0006	0.0022	0.0085	0.0026	0.0011	0.0002	0.0013	0.0022
151	2045	ALT3	EB	NT	HOT	0.47	0.61	10.65	1.21	4284	2785	0.0183	0.0170	0.0150	0.0008	0.0030	0.0115	0.0035	0.0015	0.0002	0.0017	0.0030
152	2045	ALT3	EB	NT	HOT	0.37	0.48	8.45	0.96	3398	2209	0.0145	0.0135	0.0119	0.0006	0.0024	0.0091	0.0027	0.0012	0.0002	0.0014	0.0024
153	2045	ALT3	EB	NT	HOT	0.10	0.13	2.31	0.26	936	608	0.0040	0.0037	0.0033	0.0002	0.0007	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
154	2045	ALT3	EB	NT	HOT	0.20	0.26	4.41	0.50	1791	1164	0.0077	0.0071	0.0063	0.0003	0.0013	0.0049	0.0015	0.0006	0.0001	0.0007	0.0012
155	2045	ALT3	EB	NT	HOT	0.15	0.19	3.28	0.37	1330	865	0.0057	0.0053	0.0047	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0005	0.0009
156	2045	ALT3	EB	NT	HOT	0.12	0.15	2.58	0.29	1047	681	0.0045	0.0042	0.0037	0.0002	0.0007	0.0028	0.0009	0.0004	0.0001	0.0004	0.0007
157	2045	ALT3	EB	NT	HOT	0.20	0.26	4.54	0.51	1842	1198	0.0079	0.0073	0.0065	0.0004	0.0013	0.0050	0.0015	0.0006	0.0001	0.0007	0.0013
158	2045	ALT3	EB	NT	HOT	0.24	0.30	5.23	0.59	2123	1380	0.0091	0.0084	0.0075	0.0004	0.0015	0.0058	0.0017	0.0007	0.0001	0.0009	0.0015
159	2045	ALT3	EB	NT	HOT	0.13	0.17	2.99	0.34	1215	790	0.0052	0.0048	0.0043	0.0002	0.0009	0.0033	0.0010	0.0004	0.0001	0.0005	0.0008
160	2045	ALT3	EB	NT	HOT	0.25	0.32	5.58	0.63	2264	1472	0.0097	0.0090	0.0080	0.0004	0.0016	0.0061	0.0018	0.0008	0.0001	0.0009	0.0016
161	2045	ALT3	EB	NT	HOT	0.14	0.18	3.18	0.36	1286	836	0.0055	0.0051	0.0045	0.0002	0.0009	0.0035	0.0010	0.0004	0.0001	0.0005	0.0009
162	2045	ALT3	EB	NT	HOT	0.10	0.13	2.28	0.26	923	600	0.0040	0.0037	0.0033	0.0002	0.0006	0.0025	0.0007	0.0003	0.0000	0.0004	0.0006
163	2045	ALT3	EB	NT	HOT	0.24	0.31	5.40	0.61	2184	1420	0.0094	0.0087	0.0077	0.0004	0.0015	0.0059	0.0018	0.0007	0.0001	0.0009	0.0015
164	2045	ALT3	EB	NT	HOT	0.02	0.03	0.54	0.06	219	142	0.0009	0.0009	0.0008	0.0000	0.0002	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
165	2045	ALT3	EB	NT	HOT	0.11	0.15	2.53	0.29	1023	665	0.0044	0.0041	0.0036	0.0002	0.0007	0.0028	0.0008	0.0003	0.0001	0.0004	0.0007
166	2045	ALT3	EB	NT	HOT	0.14	0.18	3.12	0.36	1263	821	0.0054	0.0050	0.0045	0.0002	0.0009	0.0034	0.0010	0.0004	0.0001	0.0005	0.0009
167	2045	ALT3	EB	NT	HOT	0.10	0.13	2.21	0.25	893	580	0.0038	0.0035	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0006
168	2045	ALT3	EB	NT	HOT	0.06	0.08	1.44	0.16	580	377	0.0025	0.0023	0.0020	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
169	2045	ALT3	EB	NT	HOT	0.58	0.75	13.04	1.48	5271	3427	0.0226	0.0209	0.0186	0.0010	0.0037	0.0142	0.0043	0.0018	0.0003	0.0021	0.0037
170	2045	ALT3	EB	NT	HOT	0.42	0.54	9.42	1.07	3808	2476	0.0163	0.0151	0.0134	0.0007	0.0027	0.0103	0.0031	0.0013	0.0002	0.0015	0.0027
171	2045	ALT3	EB	NT	HOT	0.25	0.32	5.59	0.63	2263	1471	0.0097	0.0090	0.0080	0.0004	0.0016	0.0061	0.0018	0.0008	0.0001	0.0009	0.0016
172	2045	ALT3	EB	NT	HOT	0.15	0.19	3.27	0.37	1324	861	0.0057	0.0053	0.0047	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0005	0.0009
173	2045	ALT3	EB	NT	HOT	0.26	0.34	5.81	0.66	2353	1529	0.0101	0.0093	0.0083	0.0004	0.0016	0.0064	0.0019	0.0008	0.0001	0.0010	0.0016
174	2045	ALT3	EB	NT	HOT	0.18	0.24	4.11	0.47	1664	1082	0.0071	0.0066	0.0059	0.0003	0.0012	0.0045	0.0014	0.0006	0.0001	0.0007	0.0012
175	2045	ALT3	EB	NT	HOT	0.22	0.28	4.92	0.56	1990	1294	0.0085	0.0079	0.0070	0.0004	0.0014	0.0054	0.0016	0.0007	0.0001	0.0008	0.0014
176	2045	ALT3	EB	NT	HOT	0.19	0.25	4.30	0.49	1740	1131	0.0075	0.0069	0.0061	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0007	0.0012
177	2045	ALT3	EB	NT	HOT	0.26	0.34	5.85	0.66	2368	1539	0.0101	0.0094	0.0084	0.0004	0.0017	0.0064	0.0019	0.0008	0.0001	0.0010	0.0017
178	2045	ALT3	EB	NT	HOT	0.13	0.16	2.84	0.32	1149	747	0.0049	0.0046	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0008
179	2045	ALT3	EB	NT	HOT	0.15	0.20	3.40	0.39	1377	895	0.0059	0.0055	0.0049	0.0003	0.0010	0.0037	0.0011	0.0005	0.0001	0.0006	0.0010
180	2045	ALT3	EB	NT	HOT	0.20	0.26	4.58	0.52	1854	1205	0.0079	0.0074	0.0065	0.0004	0.0013	0.0050	0.0015	0.0006	0.0001	0.0008	0.0013
181	2045	ALT3	EB	NT	HOT	0.29	0.37	6.41	0.73	2600	1690	0.0111	0.0103	0.0092	0.0005	0.0018	0.0070	0.0021	0.0009	0.0001	0.0011	0.0018
182	2045	ALT3	EB	NT	HOT	0.27	0.35	6.01	0.68	2436	1584	0.0104	0.0097	0.0086	0.0005	0.0017	0.0066	0.0020	0.0008	0.0001	0.0010	0.0017
183	2045	ALT3	EB	NT	HOT	0.20	0.25	4.36	0.49	1767	1148	0.0076	0.0070	0.0062	0.0003	0.0012	0.0048	0.0014	0.0006	0.0001	0.0007	0.0012

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
184	2045	ALT3	EB	NT	HOT	0.07	0.09	1.51	0.17	611	397	0.0026	0.0024	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0002	0.0004
185	2045	ALT3	EB	NT	HOT	0.22	0.29	4.98	0.57	2021	1313	0.0087	0.0080	0.0071	0.0004	0.0014	0.0055	0.0016	0.0007	0.0001	0.0008	0.0014
186	2045	ALT3	EB	NT	HOT	0.09	0.11	1.97	0.22	798	519	0.0034	0.0032	0.0028	0.0002	0.0006	0.0022	0.0006	0.0003	0.0000	0.0003	0.0006
187	2045	ALT3	EB	NT	HOT	0.14	0.18	3.11	0.35	1262	820	0.0054	0.0050	0.0045	0.0002	0.0009	0.0034	0.0010	0.0004	0.0001	0.0005	0.0009
188	2045	ALT3	EB	NT	HOT	0.06	0.08	1.36	0.15	550	358	0.0024	0.0022	0.0019	0.0001	0.0004	0.0015	0.0004	0.0002	0.0000	0.0002	0.0004
189	2045	ALT3	EB	NT	HOT	0.18	0.23	4.00	0.45	1621	1054	0.0069	0.0064	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0011
190	2045	ALT3	EB	NT	HOT	0.01	0.01	0.21	0.02	86	56	0.0004	0.0003	0.0003	0.0000	0.0001	0.0002	0.0001	0.0000	0.0000	0.0000	0.0001
191	2045	ALT3	EB	NT	HOT	0.21	0.27	4.64	0.53	1879	1222	0.0080	0.0075	0.0066	0.0004	0.0013	0.0051	0.0015	0.0006	0.0001	0.0008	0.0013
192	2045	ALT3	EB	NT	HOT	0.02	0.02	0.37	0.04	151	98	0.0006	0.0006	0.0005	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0001
193	2045	ALT3	EB	NT	HOT	0.32	0.42	7.21	0.82	2922	1900	0.0125	0.0116	0.0103	0.0006	0.0020	0.0079	0.0024	0.0010	0.0001	0.0012	0.0020
194	2045	ALT3	EB	NT	HOT	0.04	0.05	0.84	0.10	340	221	0.0015	0.0014	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
195	2045	ALT3	EB	NT	HOT	0.04	0.06	0.99	0.11	401	261	0.0017	0.0016	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
196	2045	ALT3	EB	NT	HOT	0.04	0.05	0.83	0.09	337	219	0.0014	0.0013	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0001	0.0002
197	2045	ALT3	EB	NT	HOT	0.22	0.28	4.83	0.55	1960	1274	0.0084	0.0078	0.0069	0.0004	0.0014	0.0053	0.0016	0.0007	0.0001	0.0008	0.0014
198	2045	ALT3	EB	NT	HOT	0.10	0.13	2.16	0.25	876	570	0.0038	0.0035	0.0031	0.0002	0.0006	0.0024	0.0007	0.0003	0.0000	0.0004	0.0006
199	2045	ALT3	EB	NT	HOT	0.21	0.27	4.63	0.53	1870	1216	0.0080	0.0074	0.0066	0.0004	0.0013	0.0050	0.0015	0.0006	0.0001	0.0008	0.0013
200	2045	ALT3	EB	NT	HOT	0.11	0.14	2.38	0.27	962	626	0.0041	0.0038	0.0034	0.0002	0.0007	0.0026	0.0008	0.0003	0.0000	0.0004	0.0007
201	2045	ALT3	EB	NT	HOT	0.40	0.52	9.06	1.03	3657	2378	0.0157	0.0145	0.0129	0.0007	0.0025	0.0098	0.0030	0.0012	0.0002	0.0015	0.0026
202	2045	ALT3	EB	NT	HOT	0.09	0.12	2.10	0.24	850	552	0.0036	0.0034	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0003	0.0006
203	2045	ALT3	EB	NT	HOT	0.43	0.55	9.65	1.10	3893	2531	0.0167	0.0155	0.0137	0.0007	0.0027	0.0105	0.0031	0.0013	0.0002	0.0016	0.0027
204	2045	ALT3	EB	NT	HOT	0.05	0.06	1.04	0.12	420	273	0.0018	0.0017	0.0015	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
205	2045	ALT3	EB	NT	HOT	0.10	0.13	2.32	0.26	936	608	0.0040	0.0037	0.0033	0.0002	0.0006	0.0025	0.0008	0.0003	0.0000	0.0004	0.0007
206	2045	ALT3	EB	NT	HOT	0.05	0.06	1.05	0.12	422	274	0.0018	0.0017	0.0015	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
207	2045	ALT3	EB	NT	HOT	0.17	0.22	3.81	0.43	1538	1000	0.0066	0.0061	0.0054	0.0003	0.0011	0.0041	0.0012	0.0005	0.0001	0.0006	0.0011
208	2045	ALT3	EB	NT	HOT	0.05	0.07	1.18	0.13	475	309	0.0020	0.0019	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0003
209	2045	ALT3	EB	NT	HOT	0.01	0.02	0.30	0.03	121	78	0.0005	0.0005	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
210	2045	ALT3	EB	NT	HOT	0.12	0.15	2.66	0.30	1073	697	0.0046	0.0043	0.0038	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0004	0.0008
211	2045	ALT3	EB	NT	HOT	0.08	0.11	1.84	0.21	740	481	0.0032	0.0029	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0005
212	2045	ALT3	EB	NT	HOT	0.22	0.28	4.91	0.56	1980	1287	0.0085	0.0079	0.0070	0.0004	0.0014	0.0053	0.0016	0.0007	0.0001	0.0008	0.0014
213	2045	ALT3	EB	NT	HOT	0.13	0.16	2.83	0.32	1140	741	0.0049	0.0045	0.0040	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0008
214	2045	ALT3	EB	NT	HOV																	
215	2045	ALT3	EB	NT	HOV																	
216	2045	ALT3	WB	AM	Mainline	1.00	1.30	26.77	4.77	10884	7503	0.1177	0.1086	0.0310	0.0015	0.0167	0.0439	0.0067	0.0032	0.0008	0.0822	0.1604
217	2045	ALT3	WB	AM	Mainline	1.72	2.24	48.55	8.67	19277	13355	0.2076	0.1915	0.0530	0.0025	0.0321	0.0817	0.0113	0.0057	0.0014	0.1451	0.3250
218	2045	ALT3	WB	AM	Mainline	1.24	1.61	33.43	5.91	13503	9307	0.1446	0.1333	0.0383	0.0019	0.0208	0.0545	0.0083	0.0040	0.0010	0.1004	0.2006
219	2045	ALT3	WB	AM	Mainline	1.71	2.27	52.91	8.89	19849	13729	0.1871	0.1727	0.0528	0.0024	0.0356	0.0884	0.0111	0.0062	0.0014	0.1180	0.3801
220	2045	ALT3	WB	AM	Mainline	0.93	1.23	27.45	4.64	10602	7301	0.1052	0.0971	0.0290	0.0014	0.0167	0.0430	0.0062	0.0032	0.0007	0.0700	0.1658
221	2045	ALT3	WB	AM	Mainline	0.85	1.14	26.65	4.40	9915	6847	0.0908	0.0838	0.0263	0.0012	0.0177	0.0440	0.0055	0.0032	0.0007	0.0557	0.1893
222	2045	ALT3	WB	AM	Mainline	0.93	1.23	27.79	4.67	10648	7332	0.1040	0.0959	0.0290	0.0014	0.0169	0.0435	0.0062	0.0032	0.0007	0.0683	0.1700
223	2045	ALT3	WB	AM	Mainline	0.45	0.59	13.88	2.27	5171	3558	0.0474	0.0437	0.0138	0.0007	0.0085	0.0216	0.0029	0.0016	0.0004	0.0294	0.0878
224	2045	ALT3	WB	AM	Mainline	0.54	0.71	15.79	2.40	5979	4047	0.0503	0.0464	0.0169	0.0008	0.0075	0.0209	0.0037	0.0019	0.0004	0.0295	0.0643
225	2045	ALT3	WB	AM	Mainline	0.35	0.46	9.94	1.54	3824	2590	0.0330	0.0305	0.0110	0.0005	0.0048	0.0134	0.0024	0.0012	0.0002	0.0198	0.0410
226	2045	ALT3	WB	AM	Mainline	1.69	2.19	42.30	6.80	17288	11705	0.1601	0.1478	0.0529	0.0027	0.0214	0.0613	0.0117	0.0054	0.0012	0.1005	0.1693
227	2045	ALT3	WB	AM	Mainline	0.67	0.87	16.86	2.62	6831	4603	0.0593	0.0548	0.0211	0.0011	0.0080	0.0234	0.0047	0.0021	0.0004	0.0355	0.0596
228	2045	ALT3	WB	AM	Mainline	0.36	0.47	9.14	1.41	3698	2490	0.0318	0.0294	0.0114	0.0006	0.0043	0.0126	0.0025	0.0012	0.0002	0.0188	0.0317
229	2045	ALT3	WB	AM	Mainline	1.93	2.52	53.62	8.48	20941	14210	0.1877	0.1732	0.0605	0.0030	0.0268	0.0747	0.0133	0.0065	0.0014	0.1157	0.2299
230	2045	ALT3	WB	AM	Mainline	0.50	0.65	12.60	2.04	5146	3489	0.0484	0.0447	0.0157	0.0008	0.0065	0.0184	0.0035	0.0016	0.0004	0.0307	0.0524
231	2045	ALT3	WB	AM	Mainline	0.50	0.65	13.08	2.15	5264	3583	0.0505	0.0466	0.0155	0.0008	0.0070	0.0193	0.0034	0.0016	0.0004	0.0326	0.0599

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
232	2045	ALT3	WB	AM	Mainline	0.54	0.70	13.60	2.24	5572	3786	0.0538	0.0497	0.0169	0.0008	0.0072	0.0203	0.0037	0.0017	0.0004	0.0348	0.0596
233	2045	ALT3	WB	AM	Mainline	1.56	2.06	47.89	7.60	17897	12240	0.1604	0.1480	0.0486	0.0023	0.0265	0.0695	0.0105	0.0056	0.0012	0.0985	0.2583
234	2045	ALT3	WB	AM	Mainline	0.26	0.34	7.25	1.18	2826	1928	0.0265	0.0245	0.0080	0.0004	0.0039	0.0105	0.0017	0.0009	0.0002	0.0169	0.0354
235	2045	ALT3	WB	AM	Mainline	0.97	1.28	29.20	4.70	11027	7549	0.1013	0.0935	0.0301	0.0014	0.0163	0.0429	0.0065	0.0034	0.0007	0.0636	0.1586
236	2045	ALT3	WB	AM	Mainline	0.64	0.83	17.52	2.94	6970	4769	0.0689	0.0636	0.0200	0.0010	0.0099	0.0266	0.0043	0.0021	0.0005	0.0456	0.0905
237	2045	ALT3	WB	AM	Mainline	1.03	1.32	23.99	4.45	10403	7166	0.1230	0.1135	0.0318	0.0016	0.0155	0.0419	0.0070	0.0031	0.0008	0.0891	0.1396
238	2045	ALT3	WB	AM	Mainline	0.32	0.42	7.68	1.41	3297	2269	0.0381	0.0352	0.0100	0.0005	0.0049	0.0132	0.0022	0.0010	0.0003	0.0273	0.0438
239	2045	ALT3	WB	AM	Mainline	0.29	0.37	6.91	1.26	2953	2030	0.0337	0.0310	0.0090	0.0004	0.0043	0.0117	0.0020	0.0009	0.0002	0.0240	0.0388
240	2045	ALT3	WB	AM	Mainline	0.37	0.48	9.16	1.57	3833	2617	0.0399	0.0368	0.0117	0.0006	0.0052	0.0145	0.0026	0.0012	0.0003	0.0270	0.0446
241	2045	ALT3	WB	AM	Mainline	1.34	1.73	33.37	5.82	13910	9525	0.1479	0.1364	0.0417	0.0021	0.0196	0.0536	0.0091	0.0042	0.0010	0.1016	0.1734
242	2045	ALT3	WB	AM	Mainline	0.10	0.13	2.52	0.42	1043	710	0.0104	0.0096	0.0032	0.0002	0.0014	0.0039	0.0007	0.0003	0.0001	0.0069	0.0115
243	2045	ALT3	WB	AM	Mainline	1.20	1.56	31.50	5.31	12756	8711	0.1272	0.1174	0.0374	0.0019	0.0176	0.0480	0.0082	0.0039	0.0009	0.0843	0.1552
244	2045	ALT3	WB	AM	Mainline	0.19	0.25	4.69	0.80	1955	1333	0.0199	0.0184	0.0060	0.0003	0.0026	0.0073	0.0013	0.0006	0.0001	0.0133	0.0220
245	2045	ALT3	WB	AM	Mainline	1.13	1.47	29.50	5.01	11993	8199	0.1213	0.1119	0.0352	0.0017	0.0167	0.0455	0.0077	0.0037	0.0009	0.0812	0.1485
246	2045	ALT3	WB	AM	Mainline	0.92	1.19	22.79	3.85	9454	6442	0.0954	0.0880	0.0287	0.0014	0.0126	0.0352	0.0063	0.0029	0.0007	0.0635	0.1064
247	2045	ALT3	WB	AM	Mainline	1.15	1.50	30.17	5.12	12250	8374	0.1237	0.1141	0.0359	0.0018	0.0170	0.0464	0.0079	0.0037	0.0009	0.0826	0.1518
248	2045	ALT3	WB	AM	Mainline	0.38	0.49	9.31	1.57	3860	2630	0.0388	0.0358	0.0117	0.0006	0.0051	0.0143	0.0026	0.0012	0.0003	0.0258	0.0432
249	2045	ALT3	WB	AM	Mainline	1.21	1.57	29.08	5.02	12293	8390	0.1292	0.1192	0.0379	0.0019	0.0167	0.0464	0.0084	0.0037	0.0009	0.0879	0.1401
250	2045	ALT3	WB	AM	Mainline	1.92	2.49	48.38	8.16	19938	13592	0.2003	0.1848	0.0600	0.0030	0.0268	0.0743	0.0132	0.0061	0.0014	0.1329	0.2282
251	2045	ALT3	WB	AM	Mainline	1.42	1.84	37.83	6.36	15219	10397	0.1508	0.1391	0.0442	0.0022	0.0210	0.0573	0.0097	0.0046	0.0011	0.0997	0.1879
252	2045	ALT3	WB	AM	Mainline	1.21	1.57	31.30	5.16	12681	8627	0.1221	0.1127	0.0377	0.0019	0.0167	0.0464	0.0083	0.0039	0.0009	0.0790	0.1413
253	2045	ALT3	WB	AM	Mainline	0.86	1.12	22.42	3.69	9081	6178	0.0874	0.0807	0.0270	0.0014	0.0119	0.0332	0.0059	0.0028	0.0006	0.0566	0.1012
254	2045	ALT3	WB	AM	Mainline	0.83	1.08	21.61	3.56	8754	5955	0.0843	0.0778	0.0261	0.0013	0.0115	0.0320	0.0057	0.0027	0.0006	0.0545	0.0976
255	2045	ALT3	WB	AM	Mainline	1.37	1.79	37.46	6.23	14882	10165	0.1448	0.1336	0.0428	0.0021	0.0206	0.0560	0.0093	0.0045	0.0010	0.0948	0.1864
256	2045	ALT3	WB	AM	Mainline	0.90	1.16	23.13	3.83	9396	6394	0.0911	0.0840	0.0280	0.0014	0.0124	0.0345	0.0062	0.0029	0.0007	0.0592	0.1053
257	2045	ALT3	WB	AM	Mainline	1.08	1.42	30.25	4.93	11864	8092	0.1121	0.1035	0.0339	0.0017	0.0163	0.0442	0.0074	0.0036	0.0008	0.0719	0.1467
258	2045	ALT3	WB	AM	Mainline	1.09	1.41	27.22	4.45	11157	7570	0.1062	0.0980	0.0340	0.0017	0.0142	0.0402	0.0075	0.0035	0.0008	0.0680	0.1151
259	2045	ALT3	WB	AM	Mainline	1.61	2.08	39.56	6.50	16368	11106	0.1576	0.1455	0.0503	0.0025	0.0208	0.0591	0.0112	0.0051	0.0011	0.1016	0.1669
260	2045	ALT3	WB	AM	Mainline	1.03	1.34	26.62	4.31	10777	7311	0.1008	0.0930	0.0324	0.0016	0.0137	0.0386	0.0072	0.0033	0.0007	0.0638	0.1124
261	2045	ALT3	WB	AM	Mainline	1.23	1.60	32.66	5.29	13048	8865	0.1218	0.1124	0.0384	0.0019	0.0169	0.0471	0.0084	0.0040	0.0009	0.0773	0.1434
262	2045	ALT3	WB	AM	Mainline	3.29	4.27	82.69	13.55	33906	23018	0.3246	0.2995	0.1031	0.0052	0.0434	0.1226	0.0228	0.0105	0.0023	0.2086	0.3541
263	2045	ALT3	WB	AM	Mainline	1.52	1.98	41.32	6.66	16331	11100	0.1509	0.1393	0.0474	0.0024	0.0213	0.0590	0.0104	0.0050	0.0011	0.0952	0.1834
264	2045	ALT3	WB	AM	Mainline	0.55	0.74	17.75	2.70	6459	4403	0.0540	0.0498	0.0174	0.0008	0.0094	0.0248	0.0037	0.0021	0.0004	0.0308	0.0924
265	2045	ALT3	WB	AM	Mainline	0.31	0.40	8.77	1.40	3391	2309	0.0310	0.0286	0.0096	0.0005	0.0046	0.0125	0.0021	0.0010	0.0002	0.0194	0.0413
266	2045	ALT3	WB	AM	Mainline	1.08	1.41	29.64	4.97	11762	8048	0.1159	0.1070	0.0336	0.0016	0.0167	0.0449	0.0073	0.0036	0.0008	0.0765	0.1535
267	2045	ALT3	WB	AM	Mainline	0.31	0.41	9.46	1.47	3549	2417	0.0311	0.0287	0.0098	0.0005	0.0049	0.0131	0.0021	0.0011	0.0002	0.0189	0.0455
268	2045	ALT3	WB	AM	Mainline	0.06	0.08	1.61	0.26	659	447	0.0063	0.0058	0.0020	0.0001	0.0008	0.0024	0.0004	0.0002	0.0000	0.0040	0.0068
269	2045	ALT3	WB	AM	Mainline	1.35	1.79	40.64	6.37	15338	10451	0.1364	0.1259	0.0424	0.0021	0.0212	0.0568	0.0092	0.0047	0.0010	0.0838	0.1963
270	2045	ALT3	WB	AM	Mainline	0.60	0.79	18.32	2.89	6851	4679	0.0610	0.0563	0.0187	0.0009	0.0099	0.0262	0.0040	0.0021	0.0005	0.0373	0.0953
271	2045	ALT3	WB	AM	Mainline	0.86	1.14	26.79	4.26	9951	6813	0.0888	0.0819	0.0268	0.0013	0.0152	0.0394	0.0057	0.0031	0.0007	0.0541	0.1504
272	2045	ALT3	WB	AM	Mainline	0.61	0.82	19.35	3.07	7145	4896	0.0632	0.0583	0.0192	0.0009	0.0111	0.0287	0.0041	0.0023	0.0005	0.0381	0.1120
273	2045	ALT3	WB	AM	Mainline	0.63	0.83	18.02	2.98	7034	4813	0.0677	0.0625	0.0198	0.0010	0.0101	0.0269	0.0043	0.0021	0.0005	0.0441	0.0942
274	2045	ALT3	WB	AM	Mainline	0.74	0.96	19.94	3.38	7979	5465	0.0802	0.0740	0.0229	0.0011	0.0114	0.0306	0.0050	0.0024	0.0006	0.0536	0.1051
275	2045	ALT3	WB	AM	Mainline	1.32	1.71	31.92	5.64	13518	9260	0.1473	0.1359	0.0412	0.0021	0.0191	0.0523	0.0090	0.0041	0.0010	0.1024	0.1664
276	2045	ALT3	WB	AM	Mainline	0.37	0.48	8.62	1.52	3700	2531	0.0405	0.0374	0.0115	0.0006	0.0051	0.0143	0.0025	0.0011	0.0003	0.0281	0.0436
277	2045	ALT3	WB	AM	Mainline	0.76	0.98	18.21	3.28	7764	5330	0.0872	0.0804	0.0236	0.0012	0.0112	0.0305	0.0052	0.0023	0.0006	0.0616	0.0994
278	2045	ALT3	WB	AM	Mainline	0.41	0.53	9.89	1.80	4208	2894	0.0478	0.0441	0.0127	0.0006	0.0062	0.0167	0.0028	0.0013	0.0003	0.0340	0.0559
279	2045	ALT3	WB	AM	Mainline	0.73	0.94	19.41	3.44	7890	5435	0.0849	0.0783	0.0225	0.0011	0.0120	0.0317	0.0049	0.0024	0.0006	0.0591	0.1146

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
280	2045	ALT3	WB	AM	Mainline	0.74	0.96	18.60	3.41	7812	5390	0.0893	0.0823	0.0230	0.0011	0.0120	0.0317	0.0050	0.0023	0.0006	0.0639	0.1124
281	2045	ALT3	WB	AM	Mainline	0.53	0.69	14.72	2.53	5849	4021	0.0600	0.0553	0.0165	0.0008	0.0088	0.0232	0.0036	0.0018	0.0004	0.0406	0.0848
282	2045	ALT3	WB	AM	Mainline	0.78	1.02	20.50	3.66	8416	5796	0.0917	0.0845	0.0243	0.0012	0.0127	0.0337	0.0053	0.0025	0.0006	0.0641	0.1200
283	2045	ALT3	WB	AM	Mainline	0.73	0.95	20.14	3.46	8024	5513	0.0823	0.0759	0.0227	0.0011	0.0120	0.0317	0.0049	0.0024	0.0006	0.0557	0.1142
284	2045	ALT3	WB	AM	Mainline	0.88	1.16	26.22	4.31	10025	6876	0.0954	0.0881	0.0275	0.0013	0.0151	0.0394	0.0059	0.0030	0.0007	0.0617	0.1466
285	2045	ALT3	WB	AM	Mainline	0.65	0.85	17.99	3.00	7134	4879	0.0699	0.0645	0.0204	0.0010	0.0101	0.0271	0.0044	0.0022	0.0005	0.0460	0.0921
286	2045	ALT3	WB	AM	Mainline	0.56	0.73	15.99	2.62	6218	4250	0.0592	0.0546	0.0175	0.0009	0.0088	0.0236	0.0038	0.0019	0.0004	0.0382	0.0819
287	2045	ALT3	WB	AM	Mainline	1.03	1.34	27.35	4.66	11053	7566	0.1122	0.1035	0.0321	0.0016	0.0156	0.0422	0.0070	0.0034	0.0008	0.0753	0.1418
288	2045	ALT3	WB	AM	Mainline	0.11	0.15	2.90	0.49	1194	814	0.0120	0.0110	0.0036	0.0002	0.0016	0.0045	0.0008	0.0004	0.0001	0.0079	0.0138
289	2045	ALT3	WB	AM	Mainline	1.10	1.44	29.86	5.00	11930	8151	0.1173	0.1082	0.0344	0.0017	0.0166	0.0449	0.0075	0.0036	0.0008	0.0772	0.1491
290	2045	ALT3	WB	AM	Ramp	0.10	0.15	3.62	0.40	1248	821	0.0073	0.0067	0.0034	0.0002	0.0010	0.0033	0.0008	0.0005	0.0001	0.0014	0.0063
291	2045	ALT3	WB	AM	Ramp	0.06	0.09	1.86	0.20	701	460	0.0044	0.0041	0.0020	0.0001	0.0005	0.0018	0.0004	0.0003	0.0001	0.0006	0.0032
292	2045	ALT3	WB	AM	Ramp	0.02	0.03	0.65	0.07	224	147	0.0013	0.0012	0.0006	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0002	0.0010
293	2045	ALT3	WB	AM	Ramp	0.15	0.22	2.29	0.27	1296	851	0.0117	0.0108	0.0049	0.0002	0.0019	0.0057	0.0011	0.0009	0.0001	0.0010	0.0174
294	2045	ALT3	WB	AM	Ramp	0.05	0.08	1.42	0.16	586	385	0.0041	0.0038	0.0018	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0006	0.0035
295	2045	ALT3	WB	AM	Ramp	0.09	0.14	1.66	0.21	859	568	0.0074	0.0068	0.0031	0.0002	0.0016	0.0042	0.0007	0.0006	0.0001	0.0011	0.0156
296	2045	ALT3	WB	AM	Ramp	0.05	0.07	0.96	0.12	457	303	0.0037	0.0034	0.0015	0.0001	0.0007	0.0020	0.0003	0.0003	0.0000	0.0007	0.0072
297	2045	ALT3	WB	AM	Ramp	0.93	1.26	20.84	4.64	9569	6809	0.1036	0.0957	0.0280	0.0011	0.0291	0.0664	0.0054	0.0037	0.0008	0.0628	0.3513
298	2045	ALT3	WB	AM	Ramp	0.01	0.01	0.17	0.02	64	42	0.0004	0.0004	0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0002
299	2045	ALT3	WB	AM	Ramp	0.04	0.06	1.36	0.15	487	319	0.0029	0.0027	0.0014	0.0001	0.0004	0.0012	0.0003	0.0002	0.0000	0.0005	0.0022
300	2045	ALT3	WB	AM	Ramp	0.41	0.59	13.71	1.50	4902	3222	0.0297	0.0276	0.0136	0.0007	0.0039	0.0129	0.0030	0.0022	0.0003	0.0052	0.0251
301	2045	ALT3	WB	AM	Ramp	0.10	0.15	2.10	0.29	1002	669	0.0084	0.0078	0.0034	0.0002	0.0019	0.0050	0.0007	0.0006	0.0001	0.0019	0.0200
302	2045	ALT3	WB	AM	Ramp	0.05	0.07	1.14	0.13	513	337	0.0038	0.0036	0.0017	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0005	0.0039
303	2045	ALT3	WB	AM	Ramp	0.02	0.02	0.46	0.08	185	127	0.0016	0.0015	0.0005	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0008	0.0041
304	2045	ALT3	WB	AM	Ramp	0.08	0.12	1.35	0.16	722	475	0.0062	0.0058	0.0026	0.0001	0.0011	0.0031	0.0006	0.0005	0.0001	0.0006	0.0098
305	2045	ALT3	WB	AM	Ramp	0.04	0.06	1.19	0.17	480	324	0.0038	0.0035	0.0014	0.0001	0.0007	0.0020	0.0003	0.0002	0.0000	0.0013	0.0073
306	2045	ALT3	WB	AM	Ramp	0.09	0.14	1.78	0.18	892	581	0.0071	0.0066	0.0031	0.0002	0.0007	0.0026	0.0007	0.0006	0.0001	0.0004	0.0036
307	2045	ALT3	WB	AM	Ramp	0.04	0.06	0.78	0.10	385	256	0.0033	0.0030	0.0014	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0006	0.0076
308	2045	ALT3	WB	AM	Ramp	0.13	0.20	2.21	0.28	1182	779	0.0103	0.0096	0.0044	0.0002	0.0021	0.0057	0.0009	0.0008	0.0001	0.0013	0.0201
309	2045	ALT3	WB	AM	Ramp	0.03	0.04	0.55	0.11	276	191	0.0027	0.0025	0.0010	0.0000	0.0010	0.0022	0.0002	0.0001	0.0000	0.0011	0.0114
310	2045	ALT3	WB	AM	Ramp	0.35	0.51	7.86	1.11	3563	2390	0.0295	0.0273	0.0114	0.0005	0.0063	0.0166	0.0024	0.0019	0.0003	0.0081	0.0651
311	2045	ALT3	WB	AM	Ramp	0.07	0.10	1.45	0.21	689	462	0.0058	0.0054	0.0023	0.0001	0.0014	0.0036	0.0005	0.0004	0.0001	0.0015	0.0152
312	2045	ALT3	WB	AM	Ramp	0.03	0.04	0.83	0.10	320	212	0.0022	0.0020	0.0009	0.0000	0.0003	0.0010	0.0002	0.0002	0.0000	0.0005	0.0026
313	2045	ALT3	WB	AM	Ramp	0.19	0.27	6.36	0.79	2282	1521	0.0153	0.0141	0.0063	0.0003	0.0026	0.0074	0.0014	0.0009	0.0002	0.0047	0.0226
314	2045	ALT3	WB	AM	Ramp	0.04	0.06	1.21	0.14	495	325	0.0034	0.0032	0.0015	0.0001	0.0004	0.0014	0.0003	0.0003	0.0000	0.0005	0.0028
315	2045	ALT3	WB	AM	Ramp	0.07	0.10	1.58	0.20	696	462	0.0054	0.0050	0.0022	0.0001	0.0009	0.0027	0.0005	0.0004	0.0001	0.0012	0.0087
316	2045	ALT3	WB	AM	Ramp	0.03	0.05	0.96	0.11	382	251	0.0026	0.0024	0.0011	0.0001	0.0003	0.0011	0.0003	0.0002	0.0000	0.0004	0.0020
317	2045	ALT3	WB	AM	Ramp	0.04	0.06	0.97	0.13	440	295	0.0036	0.0034	0.0014	0.0001	0.0008	0.0020	0.0003	0.0002	0.0000	0.0010	0.0078
318	2045	ALT3	WB	AM	Ramp	0.03	0.04	0.88	0.09	331	217	0.0021	0.0020	0.0010	0.0000	0.0003	0.0009	0.0002	0.0002	0.0000	0.0003	0.0016
319	2045	ALT3	WB	AM	Ramp	0.08	0.11	1.91	0.23	830	548	0.0062	0.0058	0.0026	0.0001	0.0009	0.0028	0.0006	0.0005	0.0001	0.0011	0.0079
320	2045	ALT3	WB	AM	Ramp	0.04	0.05	0.97	0.12	407	269	0.0030	0.0027	0.0012	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0006	0.0031
321	2045	ALT3	WB	AM	Ramp	0.09	0.14	2.04	0.24	955	629	0.0074	0.0069	0.0032	0.0002	0.0012	0.0035	0.0007	0.0006	0.0001	0.0010	0.0101
322	2045	ALT3	WB	AM	Ramp	0.07	0.10	1.10	0.15	596	395	0.0053	0.0049	0.0023	0.0001	0.0013	0.0033	0.0005	0.0004	0.0001	0.0008	0.0132
323	2045	ALT3	WB	AM	Ramp	0.11	0.15	3.20	0.42	1215	815	0.0089	0.0082	0.0034	0.0002	0.0016	0.0045	0.0007	0.0005	0.0001	0.0030	0.0156
324	2045	ALT3	WB	AM	Ramp	0.03	0.04	0.75	0.10	289	195	0.0022	0.0020	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0008	0.0042
325	2045	ALT3	WB	AM	Ramp	0.24	0.35	5.08	0.62	2358	1559	0.0186	0.0173	0.0078	0.0004	0.0033	0.0094	0.0017	0.0014	0.0002	0.0031	0.0303
326	2045	ALT3	WB	AM	Ramp	0.05	0.07	1.40	0.17	558	370	0.0040	0.0037	0.0016	0.0001	0.0006	0.0018	0.0004	0.0003	0.0000	0.0009	0.0049
327	2045	ALT3	WB	AM	Ramp	0.16	0.24	2.95	0.36	1501	989	0.0126	0.0117	0.0053	0.0003	0.0023	0.0066	0.0011	0.0010	0.0001	0.0016	0.0217

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
328	2045	ALT3	WB	AM	Ramp	0.03	0.04	0.87	0.10	324	214	0.0021	0.0020	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0023
329	2045	ALT3	WB	AM	Ramp	0.08	0.12	1.93	0.23	848	559	0.0064	0.0059	0.0027	0.0001	0.0010	0.0029	0.0006	0.0005	0.0001	0.0010	0.0080
330	2045	ALT3	WB	AM	Ramp	0.02	0.02	0.49	0.06	183	123	0.0013	0.0012	0.0005	0.0000	0.0002	0.0007	0.0001	0.0001	0.0000	0.0004	0.0023
331	2045	ALT3	WB	AM	Ramp	0.12	0.17	3.59	0.43	1342	891	0.0091	0.0084	0.0038	0.0002	0.0015	0.0043	0.0008	0.0006	0.0001	0.0024	0.0121
332	2045	ALT3	WB	AM	Ramp	0.03	0.04	0.88	0.12	312	210	0.0022	0.0021	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0009	0.0040
333	2045	ALT3	WB	AM	Ramp	0.07	0.10	2.29	0.29	848	567	0.0060	0.0055	0.0024	0.0001	0.0011	0.0030	0.0005	0.0004	0.0001	0.0020	0.0098
334	2045	ALT3	WB	AM	Ramp	0.04	0.06	1.34	0.18	504	339	0.0037	0.0035	0.0014	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0014	0.0070
335	2045	ALT3	WB	AM	Ramp	0.12	0.17	3.63	0.46	1382	922	0.0098	0.0091	0.0039	0.0002	0.0017	0.0047	0.0008	0.0006	0.0001	0.0029	0.0150
336	2045	ALT3	WB	AM	Ramp	0.10	0.14	2.77	0.42	1133	771	0.0094	0.0087	0.0033	0.0002	0.0020	0.0051	0.0007	0.0005	0.0001	0.0038	0.0211
337	2045	ALT3	WB	AM	Ramp	0.02	0.03	0.72	0.12	280	193	0.0024	0.0022	0.0008	0.0000	0.0006	0.0014	0.0002	0.0001	0.0000	0.0013	0.0062
338	2045	ALT3	WB	AM	Ramp	0.02	0.03	0.63	0.11	255	177	0.0024	0.0022	0.0007	0.0000	0.0006	0.0014	0.0001	0.0001	0.0000	0.0013	0.0067
339	2045	ALT3	WB	AM	Ramp	0.12	0.16	4.07	0.52	1400	934	0.0091	0.0084	0.0038	0.0002	0.0015	0.0043	0.0008	0.0005	0.0001	0.0037	0.0120
340	2045	ALT3	WB	AM	Ramp	0.49	0.71	14.91	1.85	5687	3787	0.0400	0.0370	0.0162	0.0008	0.0066	0.0191	0.0035	0.0026	0.0004	0.0111	0.0583
341	2045	ALT3	WB	AM	Ramp	0.43	0.62	11.49	1.58	4773	3205	0.0376	0.0348	0.0141	0.0007	0.0069	0.0187	0.0030	0.0023	0.0004	0.0118	0.0665
342	2045	ALT3	WB	AM	Ramp	0.11	0.17	2.72	0.36	1198	800	0.0096	0.0089	0.0038	0.0002	0.0018	0.0049	0.0008	0.0006	0.0001	0.0025	0.0174
343	2045	ALT3	WB	AM	Ramp	0.04	0.06	0.68	0.16	350	247	0.0038	0.0035	0.0013	0.0000	0.0016	0.0034	0.0002	0.0002	0.0000	0.0019	0.0193
344	2045	ALT3	WB	AM	Ramp	0.10	0.14	2.37	0.31	1042	696	0.0083	0.0077	0.0033	0.0002	0.0015	0.0042	0.0007	0.0005	0.0001	0.0021	0.0147
345	2045	ALT3	WB	AM	Ramp	0.01	0.01	0.22	0.04	102	70	0.0010	0.0009	0.0003	0.0000	0.0003	0.0006	0.0001	0.0001	0.0000	0.0004	0.0031
346	2045	ALT3	WB	AM	Ramp	0.03	0.04	0.62	0.10	294	200	0.0027	0.0025	0.0010	0.0000	0.0007	0.0018	0.0002	0.0002	0.0000	0.0009	0.0083
347	2045	ALT3	WB	AM	Ramp	0.05	0.08	1.13	0.14	520	345	0.0041	0.0038	0.0017	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0007	0.0070
348	2045	ALT3	WB	AM	Ramp	0.35	0.50	9.10	1.26	3793	2549	0.0300	0.0278	0.0112	0.0005	0.0055	0.0150	0.0024	0.0018	0.0003	0.0096	0.0538
349	2045	ALT3	WB	AM	Ramp	0.04	0.06	1.18	0.18	468	318	0.0038	0.0035	0.0013	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0016	0.0084
350	2045	ALT3	WB	AM	Ramp	0.07	0.09	2.18	0.27	773	515	0.0051	0.0047	0.0021	0.0001	0.0009	0.0025	0.0005	0.0003	0.0001	0.0016	0.0075
351	2045	ALT3	WB	AM	Ramp	0.02	0.03	0.41	0.10	209	148	0.0023	0.0021	0.0007	0.0000	0.0008	0.0018	0.0001	0.0001	0.0000	0.0013	0.0101
352	2045	ALT3	WB	AM	Ramp	0.02	0.03	0.58	0.08	251	167	0.0020	0.0018	0.0008	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0005	0.0032
353	2045	ALT3	WB	AM	Ramp	0.07	0.09	1.96	0.25	751	502	0.0054	0.0050	0.0021	0.0001	0.0009	0.0027	0.0005	0.0003	0.0001	0.0017	0.0087
354	2045	ALT3	WB	AM	Ramp	0.20	0.29	3.84	0.49	1887	1250	0.0157	0.0145	0.0066	0.0003	0.0032	0.0087	0.0014	0.0012	0.0002	0.0026	0.0316
355	2045	ALT3	WB	AM	Ramp	0.05	0.08	1.25	0.17	557	372	0.0045	0.0041	0.0018	0.0001	0.0008	0.0023	0.0004	0.0003	0.0000	0.0011	0.0082
356	2045	ALT3	WB	AM	Ramp	0.09	0.13	1.74	0.20	849	559	0.0068	0.0063	0.0029	0.0001	0.0011	0.0033	0.0006	0.0005	0.0001	0.0008	0.0094
357	2045	ALT3	WB	AM	Ramp	0.18	0.27	3.23	0.39	1664	1097	0.0141	0.0130	0.0060	0.0003	0.0026	0.0073	0.0013	0.0011	0.0002	0.0017	0.0242
358	2045	ALT3	WB	AM	Ramp	0.13	0.18	1.53	0.31	893	614	0.0092	0.0086	0.0039	0.0001	0.0048	0.0106	0.0007	0.0006	0.0001	0.0029	0.0592
359	2045	ALT3	WB	AM	Ramp	0.12	0.18	2.03	0.25	1100	724	0.0096	0.0089	0.0041	0.0002	0.0017	0.0050	0.0009	0.0008	0.0001	0.0010	0.0163
360	2045	ALT3	WB	AM	Ramp	0.09	0.13	1.38	0.19	750	498	0.0067	0.0062	0.0029	0.0001	0.0017	0.0043	0.0006	0.0005	0.0001	0.0010	0.0178
361	2045	ALT3	WB	AM	Ramp	0.07	0.11	1.18	0.15	640	423	0.0057	0.0053	0.0024	0.0001	0.0013	0.0034	0.0005	0.0004	0.0001	0.0008	0.0128
362	2045	ALT3	WB	AM	Ramp	0.06	0.09	1.39	0.20	629	423	0.0053	0.0049	0.0020	0.0001	0.0012	0.0030	0.0004	0.0003	0.0001	0.0016	0.0120
363	2045	ALT3	WB	AM	Ramp	0.10	0.15	2.10	0.24	997	656	0.0078	0.0073	0.0033	0.0002	0.0012	0.0037	0.0007	0.0006	0.0001	0.0010	0.0104
364	2045	ALT3	WB	AM	HOV																	
365	2045	ALT3	WB	AM	HOV																	
366	2045	ALT3	WB	AM	HOT	0.16	0.21	5.19	0.57	1767	1149	0.0076	0.0070	0.0051	0.0003	0.0010	0.0039	0.0012	0.0006	0.0001	0.0007	0.0016
367	2045	ALT3	WB	AM	HOT	0.23	0.32	7.79	0.85	2656	1727	0.0114	0.0106	0.0076	0.0004	0.0015	0.0058	0.0017	0.0009	0.0001	0.0010	0.0023
368	2045	ALT3	WB	AM	HOT	0.12	0.16	3.95	0.43	1345	874	0.0058	0.0054	0.0039	0.0002	0.0008	0.0030	0.0009	0.0005	0.0001	0.0005	0.0012
369	2045	ALT3	WB	AM	HOT	0.11	0.15	3.74	0.41	1275	829	0.0055	0.0051	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0011
370	2045	ALT3	WB	AM	HOT	0.12	0.16	3.89	0.43	1328	863	0.0057	0.0053	0.0038	0.0002	0.0007	0.0029	0.0009	0.0005	0.0001	0.0005	0.0012
371	2045	ALT3	WB	AM	HOT	0.05	0.07	1.79	0.20	612	398	0.0026	0.0024	0.0018	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0005
372	2045	ALT3	WB	AM	HOT	0.08	0.11	2.77	0.30	945	615	0.0041	0.0038	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0004	0.0008
373	2045	ALT3	WB	AM	HOT	0.05	0.07	1.81	0.20	619	402	0.0027	0.0025	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0005
374	2045	ALT3	WB	AM	HOT	0.25	0.33	8.14	0.89	2776	1805	0.0119	0.0110	0.0080	0.0004	0.0016	0.0061	0.0018	0.0010	0.0001	0.0010	0.0024
375	2045	ALT3	WB	AM	HOT	0.08	0.11	2.72	0.30	926	602	0.0040	0.0037	0.0027	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0008

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
376	2045	ALT3	WB	AM	HOT	0.04	0.05	1.26	0.14	431	280	0.0018	0.0017	0.0012	0.0001	0.0002	0.0010	0.0003	0.0001	0.0000	0.0002	0.0004
377	2045	ALT3	WB	AM	HOT	0.53	0.70	14.90	1.71	5479	3563	0.0234	0.0217	0.0171	0.0009	0.0034	0.0131	0.0039	0.0019	0.0003	0.0022	0.0044
378	2045	ALT3	WB	AM	HOT	0.12	0.16	3.33	0.38	1223	795	0.0052	0.0048	0.0038	0.0002	0.0008	0.0029	0.0009	0.0004	0.0001	0.0005	0.0010
379	2045	ALT3	WB	AM	HOT	0.13	0.18	3.73	0.43	1380	897	0.0059	0.0055	0.0043	0.0002	0.0009	0.0033	0.0010	0.0005	0.0001	0.0006	0.0011
380	2045	ALT3	WB	AM	HOT	0.13	0.16	3.47	0.40	1281	833	0.0055	0.0051	0.0040	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0010
381	2045	ALT3	WB	AM	HOT	0.46	0.60	12.71	1.46	4697	3054	0.0200	0.0186	0.0147	0.0008	0.0029	0.0113	0.0034	0.0016	0.0002	0.0019	0.0037
382	2045	ALT3	WB	AM	HOT	0.07	0.09	1.87	0.22	692	450	0.0029	0.0027	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
383	2045	ALT3	WB	AM	HOT	0.29	0.38	7.98	0.92	2951	1918	0.0126	0.0117	0.0093	0.0005	0.0018	0.0071	0.0021	0.0010	0.0001	0.0012	0.0023
384	2045	ALT3	WB	AM	HOT	0.17	0.22	4.73	0.54	1748	1136	0.0075	0.0069	0.0055	0.0003	0.0011	0.0042	0.0013	0.0006	0.0001	0.0007	0.0014
385	2045	ALT3	WB	AM	HOT	0.43	0.56	11.79	1.36	4357	2833	0.0186	0.0172	0.0137	0.0007	0.0027	0.0105	0.0031	0.0015	0.0002	0.0017	0.0034
386	2045	ALT3	WB	AM	HOT	0.13	0.17	3.51	0.40	1298	844	0.0055	0.0051	0.0041	0.0002	0.0008	0.0031	0.0009	0.0004	0.0001	0.0005	0.0010
387	2045	ALT3	WB	AM	HOT	0.11	0.15	3.07	0.35	1135	738	0.0048	0.0045	0.0036	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0005	0.0009
388	2045	ALT3	WB	AM	HOT	0.11	0.15	3.11	0.36	1148	747	0.0049	0.0045	0.0036	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0009
389	2045	ALT3	WB	AM	HOT	0.44	0.58	12.19	1.40	4504	2929	0.0192	0.0178	0.0141	0.0008	0.0028	0.0108	0.0032	0.0015	0.0002	0.0018	0.0036
390	2045	ALT3	WB	AM	HOT	0.02	0.03	0.58	0.07	222	144	0.0009	0.0009	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0002
391	2045	ALT3	WB	AM	HOT	0.30	0.39	7.74	0.90	2963	1927	0.0127	0.0117	0.0097	0.0005	0.0019	0.0074	0.0022	0.0010	0.0001	0.0012	0.0022
392	2045	ALT3	WB	AM	HOT	0.04	0.06	1.10	0.13	422	274	0.0018	0.0017	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
393	2045	ALT3	WB	AM	HOT	0.29	0.37	7.30	0.85	2794	1817	0.0119	0.0111	0.0091	0.0005	0.0018	0.0070	0.0021	0.0010	0.0001	0.0011	0.0021
394	2045	ALT3	WB	AM	HOT	0.20	0.27	5.21	0.61	1993	1296	0.0085	0.0079	0.0065	0.0004	0.0013	0.0050	0.0015	0.0007	0.0001	0.0008	0.0015
395	2045	ALT3	WB	AM	HOT	0.29	0.38	7.43	0.87	2845	1850	0.0121	0.0113	0.0093	0.0005	0.0018	0.0071	0.0021	0.0010	0.0001	0.0012	0.0022
396	2045	ALT3	WB	AM	HOT	0.08	0.11	2.13	0.25	814	529	0.0035	0.0032	0.0027	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0006
397	2045	ALT3	WB	AM	HOT	0.29	0.38	7.37	0.86	2824	1836	0.0121	0.0112	0.0092	0.0005	0.0018	0.0071	0.0021	0.0010	0.0001	0.0012	0.0021
398	2045	ALT3	WB	AM	HOT	0.42	0.54	10.65	1.24	4079	2652	0.0174	0.0162	0.0134	0.0007	0.0026	0.0102	0.0031	0.0014	0.0002	0.0017	0.0031
399	2045	ALT3	WB	AM	HOT	0.35	0.46	9.08	1.06	3476	2260	0.0148	0.0138	0.0114	0.0006	0.0022	0.0087	0.0026	0.0012	0.0002	0.0014	0.0026
400	2045	ALT3	WB	AM	HOT	0.26	0.33	6.54	0.76	2506	1629	0.0107	0.0099	0.0082	0.0004	0.0016	0.0063	0.0019	0.0009	0.0001	0.0010	0.0019
401	2045	ALT3	WB	AM	HOT	0.18	0.24	4.69	0.55	1795	1167	0.0077	0.0071	0.0059	0.0003	0.0012	0.0045	0.0014	0.0006	0.0001	0.0007	0.0014
402	2045	ALT3	WB	AM	HOT	0.18	0.23	4.52	0.53	1730	1125	0.0074	0.0068	0.0057	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0013
403	2045	ALT3	WB	AM	HOT	0.37	0.49	9.79	1.14	3702	2407	0.0158	0.0146	0.0119	0.0006	0.0024	0.0092	0.0027	0.0013	0.0002	0.0015	0.0029
404	2045	ALT3	WB	AM	HOT	0.21	0.27	5.53	0.64	2091	1359	0.0089	0.0083	0.0067	0.0004	0.0013	0.0052	0.0015	0.0007	0.0001	0.0009	0.0016
405	2045	ALT3	WB	AM	HOT	0.29	0.38	7.65	0.89	2892	1880	0.0123	0.0114	0.0093	0.0005	0.0018	0.0072	0.0021	0.0010	0.0001	0.0012	0.0022
406	2045	ALT3	WB	AM	HOT	0.23	0.29	5.94	0.69	2244	1459	0.0096	0.0089	0.0072	0.0004	0.0014	0.0056	0.0017	0.0008	0.0001	0.0009	0.0017
407	2045	ALT3	WB	AM	HOT	0.34	0.44	8.95	1.04	3384	2200	0.0144	0.0134	0.0109	0.0006	0.0022	0.0084	0.0025	0.0012	0.0002	0.0014	0.0026
408	2045	ALT3	WB	AM	HOT	0.21	0.28	5.60	0.65	2116	1376	0.0090	0.0084	0.0068	0.0004	0.0013	0.0052	0.0016	0.0007	0.0001	0.0009	0.0016
409	2045	ALT3	WB	AM	HOT	0.30	0.39	7.81	0.91	2954	1920	0.0126	0.0117	0.0095	0.0005	0.0019	0.0073	0.0022	0.0010	0.0001	0.0012	0.0023
410	2045	ALT3	WB	AM	HOT	0.80	1.06	23.05	2.64	8399	5461	0.0358	0.0332	0.0259	0.0014	0.0051	0.0199	0.0059	0.0029	0.0004	0.0033	0.0068
411	2045	ALT3	WB	AM	HOT	0.43	0.57	12.35	1.42	4499	2925	0.0192	0.0178	0.0139	0.0007	0.0027	0.0106	0.0032	0.0015	0.0002	0.0018	0.0036
412	2045	ALT3	WB	AM	HOT	0.17	0.22	4.73	0.54	1724	1121	0.0073	0.0068	0.0053	0.0003	0.0010	0.0041	0.0012	0.0006	0.0001	0.0007	0.0014
413	2045	ALT3	WB	AM	HOT	0.08	0.11	2.42	0.28	881	573	0.0038	0.0035	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0004	0.0007
414	2045	ALT3	WB	AM	HOT	0.36	0.47	10.31	1.18	3758	2444	0.0160	0.0148	0.0116	0.0006	0.0023	0.0089	0.0027	0.0013	0.0002	0.0015	0.0030
415	2045	ALT3	WB	AM	HOT	0.08	0.11	2.42	0.28	881	573	0.0038	0.0035	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0007
416	2045	ALT3	WB	AM	HOT	0.01	0.02	0.38	0.04	137	89	0.0006	0.0005	0.0004	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0001	0.0001
417	2045	ALT3	WB	AM	HOT	0.37	0.49	10.55	1.21	3845	2500	0.0164	0.0152	0.0119	0.0006	0.0023	0.0091	0.0027	0.0013	0.0002	0.0015	0.0031
418	2045	ALT3	WB	AM	HOT	0.16	0.21	4.54	0.52	1654	1075	0.0070	0.0065	0.0051	0.0003	0.0010	0.0039	0.0012	0.0006	0.0001	0.0007	0.0013
419	2045	ALT3	WB	AM	HOT	0.26	0.34	7.48	0.86	2724	1771	0.0116	0.0108	0.0084	0.0005	0.0017	0.0064	0.0019	0.0009	0.0001	0.0011	0.0022
420	2045	ALT3	WB	AM	HOT	0.21	0.28	5.38	0.63	2065	1342	0.0088	0.0082	0.0068	0.0004	0.0013	0.0052	0.0016	0.0007	0.0001	0.0008	0.0016
421	2045	ALT3	WB	AM	HOT	0.20	0.26	5.09	0.59	1955	1271	0.0083	0.0077	0.0064	0.0003	0.0013	0.0049	0.0015	0.0007	0.0001	0.0008	0.0015
422	2045	ALT3	WB	AM	HOT	0.24	0.31	6.05	0.71	2321	1509	0.0099	0.0092	0.0076	0.0004	0.0015	0.0058	0.0018	0.0008	0.0001	0.0010	0.0018
423	2045	ALT3	WB	AM	HOT	0.46	0.60	11.66	1.36	4475	2909	0.0191	0.0177	0.0147	0.0008	0.0029	0.0113	0.0034	0.0015	0.0002	0.0018	0.0034

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
424	2045	ALT3	WB	AM	HOT	0.11	0.15	2.85	0.33	1094	711	0.0047	0.0043	0.0036	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0004	0.0008
425	2045	ALT3	WB	AM	HOT	0.26	0.35	6.74	0.79	2586	1681	0.0110	0.0102	0.0085	0.0005	0.0017	0.0065	0.0020	0.0009	0.0001	0.0011	0.0020
426	2045	ALT3	WB	AM	HOT	0.14	0.18	3.55	0.41	1361	885	0.0058	0.0054	0.0045	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0010
427	2045	ALT3	WB	AM	HOT	0.27	0.35	6.78	0.79	2603	1692	0.0111	0.0103	0.0085	0.0005	0.0017	0.0066	0.0020	0.0009	0.0001	0.0011	0.0020
428	2045	ALT3	WB	AM	HOT	0.28	0.37	7.24	0.85	2778	1806	0.0119	0.0110	0.0091	0.0005	0.0018	0.0070	0.0021	0.0009	0.0001	0.0011	0.0021
429	2045	ALT3	WB	AM	HOT	0.19	0.25	4.83	0.56	1853	1205	0.0079	0.0073	0.0061	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0014
430	2045	ALT3	WB	AM	HOT	0.27	0.36	7.73	0.89	2833	1842	0.0121	0.0112	0.0088	0.0005	0.0017	0.0068	0.0020	0.0010	0.0001	0.0011	0.0023
431	2045	ALT3	WB	AM	HOT	0.25	0.32	6.97	0.80	2554	1661	0.0109	0.0101	0.0079	0.0004	0.0016	0.0061	0.0018	0.0009	0.0001	0.0010	0.0020
432	2045	ALT3	WB	AM	HOT	0.29	0.38	8.21	0.94	3008	1956	0.0128	0.0119	0.0093	0.0005	0.0018	0.0072	0.0021	0.0010	0.0002	0.0012	0.0024
433	2045	ALT3	WB	AM	HOT	0.24	0.32	7.26	0.82	2587	1682	0.0110	0.0102	0.0078	0.0004	0.0015	0.0060	0.0018	0.0009	0.0001	0.0010	0.0021
434	2045	ALT3	WB	AM	HOT	0.20	0.27	6.11	0.69	2175	1414	0.0093	0.0086	0.0065	0.0004	0.0013	0.0050	0.0015	0.0007	0.0001	0.0008	0.0018
435	2045	ALT3	WB	AM	HOT	0.39	0.52	11.72	1.32	4173	2713	0.0178	0.0165	0.0125	0.0007	0.0025	0.0096	0.0029	0.0014	0.0002	0.0016	0.0035
436	2045	ALT3	WB	AM	HOT	0.04	0.05	1.12	0.13	400	260	0.0017	0.0016	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0003
437	2045	ALT3	WB	AM	HOT	0.41	0.55	12.46	1.41	4438	2886	0.0189	0.0176	0.0133	0.0007	0.0026	0.0102	0.0031	0.0015	0.0002	0.0017	0.0037
216	2045	ALT3	WB	MD	Mainline	1.51	1.91	31.00	8.76	15728	11478	0.3236	0.2980	0.0451	0.0020	0.0370	0.0878	0.0093	0.0040	0.0017	0.2820	0.4119
217	2045	ALT3	WB	MD	Mainline	2.73	3.44	56.29	16.48	28785	21132	0.6078	0.5598	0.0809	0.0035	0.0707	0.1657	0.0165	0.0072	0.0032	0.5337	0.8014
218	2045	ALT3	WB	MD	Mainline	2.17	2.75	46.45	11.64	22423	16097	0.4002	0.3687	0.0655	0.0030	0.0474	0.1154	0.0137	0.0060	0.0022	0.3369	0.5071
219	2045	ALT3	WB	MD	Mainline	2.88	3.66	65.94	16.74	31091	22460	0.5400	0.4974	0.0861	0.0038	0.0706	0.1676	0.0177	0.0081	0.0030	0.4544	0.7883
220	2045	ALT3	WB	MD	Mainline	1.68	2.13	37.63	9.14	17688	12665	0.2977	0.2743	0.0506	0.0023	0.0370	0.0900	0.0106	0.0048	0.0017	0.2474	0.3986
221	2045	ALT3	WB	MD	Mainline	1.44	1.83	33.39	8.27	15563	11206	0.2620	0.2414	0.0432	0.0019	0.0346	0.0825	0.0089	0.0041	0.0015	0.2186	0.3834
222	2045	ALT3	WB	MD	Mainline	1.70	2.16	38.65	9.19	17963	12831	0.2936	0.2705	0.0513	0.0023	0.0371	0.0904	0.0107	0.0049	0.0017	0.2419	0.3975
223	2045	ALT3	WB	MD	Mainline	0.81	1.03	18.78	4.39	8618	6146	0.1368	0.1260	0.0245	0.0011	0.0177	0.0431	0.0051	0.0023	0.0008	0.1118	0.1898
224	2045	ALT3	WB	MD	Mainline	0.93	1.19	21.70	4.50	9662	6765	0.1334	0.1230	0.0286	0.0014	0.0169	0.0432	0.0061	0.0028	0.0008	0.1035	0.1672
225	2045	ALT3	WB	MD	Mainline	0.59	0.76	13.59	2.87	6111	4288	0.0868	0.0800	0.0181	0.0009	0.0108	0.0276	0.0039	0.0017	0.0005	0.0681	0.1081
226	2045	ALT3	WB	MD	Mainline	2.76	3.51	59.99	12.80	27618	19378	0.4075	0.3756	0.0844	0.0041	0.0487	0.1253	0.0182	0.0079	0.0024	0.3226	0.4763
227	2045	ALT3	WB	MD	Mainline	1.07	1.37	23.27	4.71	10593	7378	0.1464	0.1349	0.0330	0.0016	0.0175	0.0461	0.0072	0.0031	0.0009	0.1130	0.1645
228	2045	ALT3	WB	MD	Mainline	0.61	0.78	13.40	2.60	6017	4167	0.0780	0.0720	0.0189	0.0009	0.0094	0.0253	0.0041	0.0018	0.0005	0.0587	0.0858
229	2045	ALT3	WB	MD	Mainline	3.49	4.46	78.97	16.49	35612	24932	0.5015	0.4622	0.1070	0.0051	0.0618	0.1590	0.0230	0.0102	0.0030	0.3913	0.6060
230	2045	ALT3	WB	MD	Mainline	0.89	1.13	19.67	4.03	8905	6215	0.1237	0.1141	0.0273	0.0013	0.0150	0.0391	0.0059	0.0026	0.0008	0.0959	0.1437
231	2045	ALT3	WB	MD	Mainline	0.91	1.16	20.47	4.33	9265	6499	0.1328	0.1224	0.0277	0.0013	0.0164	0.0419	0.0060	0.0026	0.0008	0.1044	0.1619
232	2045	ALT3	WB	MD	Mainline	0.98	1.25	21.81	4.52	9881	6908	0.1388	0.1280	0.0301	0.0015	0.0169	0.0438	0.0065	0.0028	0.0008	0.1081	0.1635
233	2045	ALT3	WB	MD	Mainline	2.90	3.74	73.33	15.39	31686	22334	0.4304	0.3966	0.0884	0.0041	0.0601	0.1487	0.0186	0.0089	0.0026	0.3346	0.6342
234	2045	ALT3	WB	MD	Mainline	0.49	0.63	11.93	2.45	5206	3648	0.0698	0.0644	0.0150	0.0007	0.0092	0.0234	0.0032	0.0015	0.0004	0.0538	0.0936
235	2045	ALT3	WB	MD	Mainline	1.84	2.38	47.19	9.75	20199	14216	0.2679	0.2470	0.0562	0.0026	0.0380	0.0941	0.0119	0.0057	0.0017	0.2065	0.4000
236	2045	ALT3	WB	MD	Mainline	1.25	1.60	30.36	6.26	13259	9298	0.1789	0.1649	0.0382	0.0018	0.0238	0.0600	0.0081	0.0038	0.0011	0.1381	0.2416
237	2045	ALT3	WB	MD	Mainline	1.88	2.40	41.80	8.87	19067	13374	0.2766	0.2549	0.0576	0.0028	0.0336	0.0862	0.0124	0.0054	0.0017	0.2179	0.3305
238	2045	ALT3	WB	MD	Mainline	0.60	0.77	13.58	2.82	6117	4280	0.0857	0.0790	0.0184	0.0009	0.0106	0.0272	0.0040	0.0018	0.0005	0.0667	0.1032
239	2045	ALT3	WB	MD	Mainline	0.53	0.68	12.12	2.51	5445	3807	0.0756	0.0696	0.0164	0.0008	0.0093	0.0241	0.0035	0.0016	0.0005	0.0586	0.0912
240	2045	ALT3	WB	MD	Mainline	0.69	0.89	16.07	3.13	7062	4897	0.0896	0.0826	0.0214	0.0010	0.0112	0.0297	0.0046	0.0021	0.0006	0.0670	0.1052
241	2045	ALT3	WB	MD	Mainline	2.49	3.19	58.16	11.57	25599	17815	0.3340	0.3079	0.0765	0.0037	0.0422	0.1100	0.0165	0.0074	0.0021	0.2532	0.4057
242	2045	ALT3	WB	MD	Mainline	0.18	0.23	4.12	0.80	1821	1262	0.0232	0.0214	0.0056	0.0003	0.0029	0.0076	0.0012	0.0005	0.0001	0.0174	0.0267
243	2045	ALT3	WB	MD	Mainline	2.15	2.76	50.51	10.08	22218	15472	0.2908	0.2681	0.0662	0.0032	0.0369	0.0959	0.0143	0.0064	0.0018	0.2208	0.3564
244	2045	ALT3	WB	MD	Mainline	0.34	0.43	7.62	1.50	3393	2357	0.0445	0.0410	0.0104	0.0005	0.0055	0.0145	0.0023	0.0010	0.0003	0.0337	0.0514
245	2045	ALT3	WB	MD	Mainline	2.02	2.59	47.32	9.55	20894	14571	0.2777	0.2560	0.0622	0.0030	0.0352	0.0910	0.0134	0.0060	0.0017	0.2122	0.3417
246	2045	ALT3	WB	MD	Mainline	1.62	2.07	36.75	7.26	16345	11355	0.2141	0.1974	0.0499	0.0024	0.0265	0.0697	0.0108	0.0048	0.0013	0.1622	0.2488
247	2045	ALT3	WB	MD	Mainline	2.05	2.62	47.63	9.69	21108	14734	0.2839	0.2617	0.0628	0.0030	0.0358	0.0925	0.0135	0.0061	0.0017	0.2180	0.3494
248	2045	ALT3	WB	MD	Mainline	0.65	0.83	14.73	2.94	6579	4575	0.0873	0.0805	0.0201	0.0010	0.0108	0.0283	0.0044	0.0019	0.0005	0.0665	0.1015
249	2045	ALT3	WB	MD	Mainline	2.08	2.66	45.77	9.32	20768	14480	0.2875	0.2650	0.0641	0.0031	0.0347	0.0908	0.0139	0.0060	0.0018	0.2222	0.3288

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
250	2045	ALT3	WB	MD	Mainline	3.36	4.30	76.46	15.23	34035	23672	0.4500	0.4149	0.1035	0.0050	0.0557	0.1461	0.0224	0.0099	0.0028	0.3423	0.5276
251	2045	ALT3	WB	MD	Mainline	2.53	3.25	59.22	12.02	26189	18280	0.3510	0.3235	0.0778	0.0037	0.0445	0.1148	0.0168	0.0075	0.0022	0.2691	0.4344
252	2045	ALT3	WB	MD	Mainline	2.10	2.69	48.17	9.59	21383	14872	0.2814	0.2595	0.0648	0.0031	0.0350	0.0917	0.0140	0.0062	0.0018	0.2138	0.3321
253	2045	ALT3	WB	MD	Mainline	1.51	1.93	34.50	6.87	15314	10651	0.2016	0.1858	0.0464	0.0023	0.0251	0.0657	0.0101	0.0045	0.0013	0.1531	0.2378
254	2045	ALT3	WB	MD	Mainline	1.45	1.86	33.26	6.62	14763	10267	0.1943	0.1791	0.0447	0.0022	0.0242	0.0633	0.0097	0.0043	0.0012	0.1476	0.2293
255	2045	ALT3	WB	MD	Mainline	2.46	3.15	57.56	11.90	25546	17884	0.3504	0.3230	0.0753	0.0036	0.0446	0.1140	0.0162	0.0073	0.0021	0.2714	0.4427
256	2045	ALT3	WB	MD	Mainline	1.57	2.00	35.75	7.24	15955	11123	0.2153	0.1985	0.0482	0.0023	0.0267	0.0694	0.0104	0.0046	0.0013	0.1652	0.2565
257	2045	ALT3	WB	MD	Mainline	1.93	2.48	45.42	9.35	20108	14069	0.2738	0.2524	0.0593	0.0028	0.0349	0.0895	0.0127	0.0058	0.0017	0.2115	0.3465
258	2045	ALT3	WB	MD	Mainline	1.86	2.37	40.97	8.19	18473	12847	0.2489	0.2295	0.0572	0.0028	0.0302	0.0795	0.0124	0.0054	0.0015	0.1904	0.2822
259	2045	ALT3	WB	MD	Mainline	2.71	3.45	59.27	11.88	26825	18662	0.3644	0.3359	0.0833	0.0041	0.0439	0.1158	0.0181	0.0078	0.0023	0.2794	0.4106
260	2045	ALT3	WB	MD	Mainline	1.81	2.31	40.25	8.02	18078	12569	0.2417	0.2228	0.0557	0.0027	0.0295	0.0776	0.0121	0.0053	0.0015	0.1843	0.2760
261	2045	ALT3	WB	MD	Mainline	2.20	2.82	50.05	10.06	22331	15551	0.2988	0.2754	0.0677	0.0033	0.0370	0.0966	0.0147	0.0065	0.0018	0.2284	0.3524
262	2045	ALT3	WB	MD	Mainline	5.75	7.33	126.31	26.29	57576	40266	0.8192	0.7551	0.1763	0.0085	0.0988	0.2562	0.0381	0.0166	0.0050	0.6402	0.9531
263	2045	ALT3	WB	MD	Mainline	2.75	3.51	62.21	13.01	28069	19656	0.3962	0.3652	0.0843	0.0040	0.0488	0.1255	0.0181	0.0080	0.0024	0.3095	0.4792
264	2045	ALT3	WB	MD	Mainline	1.00	1.29	25.63	5.24	10944	7689	0.1434	0.1322	0.0306	0.0014	0.0202	0.0503	0.0065	0.0031	0.0009	0.1099	0.2112
265	2045	ALT3	WB	MD	Mainline	0.57	0.73	13.55	2.83	5993	4207	0.0830	0.0765	0.0174	0.0008	0.0108	0.0272	0.0037	0.0017	0.0005	0.0646	0.1090
266	2045	ALT3	WB	MD	Mainline	1.91	2.44	44.19	9.94	20123	14260	0.3071	0.2830	0.0581	0.0027	0.0390	0.0967	0.0123	0.0056	0.0018	0.2475	0.4078
267	2045	ALT3	WB	MD	Mainline	0.59	0.75	13.90	3.07	6237	4415	0.0923	0.0850	0.0178	0.0008	0.0121	0.0299	0.0038	0.0017	0.0005	0.0737	0.1268
268	2045	ALT3	WB	MD	Mainline	0.11	0.14	2.51	0.54	1152	810	0.0172	0.0158	0.0035	0.0002	0.0021	0.0053	0.0007	0.0003	0.0001	0.0137	0.0208
269	2045	ALT3	WB	MD	Mainline	2.60	3.33	62.29	13.65	27774	19648	0.4051	0.3733	0.0790	0.0037	0.0537	0.1328	0.0167	0.0077	0.0024	0.3223	0.5646
270	2045	ALT3	WB	MD	Mainline	1.16	1.49	28.69	6.26	12616	8938	0.1806	0.1664	0.0352	0.0016	0.0249	0.0611	0.0074	0.0035	0.0011	0.1431	0.2667
271	2045	ALT3	WB	MD	Mainline	1.70	2.19	44.30	9.53	18954	13462	0.2602	0.2398	0.0513	0.0023	0.0395	0.0951	0.0106	0.0052	0.0016	0.2040	0.4354
272	2045	ALT3	WB	MD	Mainline	1.17	1.50	29.19	6.67	12904	9223	0.1923	0.1772	0.0351	0.0016	0.0279	0.0666	0.0072	0.0035	0.0011	0.1551	0.3094
273	2045	ALT3	WB	MD	Mainline	1.24	1.58	29.34	6.75	13301	9477	0.2056	0.1894	0.0374	0.0017	0.0273	0.0663	0.0078	0.0036	0.0012	0.1670	0.2936
274	2045	ALT3	WB	MD	Mainline	1.43	1.82	33.11	7.74	15197	10840	0.2415	0.2225	0.0431	0.0020	0.0312	0.0761	0.0090	0.0041	0.0014	0.1976	0.3356
275	2045	ALT3	WB	MD	Mainline	2.49	3.16	54.04	13.10	25718	18382	0.4399	0.4053	0.0753	0.0035	0.0527	0.1293	0.0158	0.0070	0.0025	0.3661	0.5574
276	2045	ALT3	WB	MD	Mainline	0.71	0.90	15.27	3.67	7285	5199	0.1243	0.1146	0.0216	0.0010	0.0147	0.0363	0.0046	0.0020	0.0007	0.1033	0.1542
277	2045	ALT3	WB	MD	Mainline	1.48	1.87	31.89	8.09	15389	11072	0.2765	0.2547	0.0444	0.0020	0.0331	0.0802	0.0093	0.0041	0.0015	0.2334	0.3584
278	2045	ALT3	WB	MD	Mainline	0.81	1.03	17.81	4.51	8533	6141	0.1514	0.1394	0.0244	0.0011	0.0184	0.0445	0.0051	0.0023	0.0008	0.1275	0.2006
279	2045	ALT3	WB	MD	Mainline	1.49	1.90	34.99	8.60	16183	11650	0.2683	0.2471	0.0446	0.0020	0.0361	0.0859	0.0092	0.0043	0.0015	0.2231	0.4018
280	2045	ALT3	WB	MD	Mainline	1.47	1.86	32.60	8.58	15714	11393	0.2876	0.2649	0.0438	0.0019	0.0362	0.0858	0.0090	0.0041	0.0016	0.2450	0.4049
281	2045	ALT3	WB	MD	Mainline	1.07	1.36	25.20	6.20	11640	8384	0.1927	0.1775	0.0320	0.0014	0.0261	0.0621	0.0066	0.0031	0.0011	0.1603	0.2918
282	2045	ALT3	WB	MD	Mainline	1.57	1.99	35.57	9.12	16880	12206	0.2975	0.2741	0.0468	0.0021	0.0385	0.0913	0.0096	0.0044	0.0017	0.2512	0.4296
283	2045	ALT3	WB	MD	Mainline	1.45	1.85	33.71	8.42	15738	11349	0.2669	0.2458	0.0435	0.0019	0.0354	0.0842	0.0089	0.0041	0.0015	0.2232	0.3948
284	2045	ALT3	WB	MD	Mainline	1.77	2.26	42.86	10.27	19455	13979	0.3095	0.2851	0.0530	0.0023	0.0432	0.1027	0.0109	0.0052	0.0018	0.2547	0.4823
285	2045	ALT3	WB	MD	Mainline	1.29	1.64	29.65	7.35	13862	9976	0.2346	0.2161	0.0386	0.0017	0.0306	0.0731	0.0080	0.0037	0.0013	0.1959	0.3381
286	2045	ALT3	WB	MD	Mainline	1.13	1.45	27.26	6.44	12360	8856	0.1946	0.1793	0.0340	0.0015	0.0267	0.0640	0.0070	0.0033	0.0011	0.1594	0.2952
287	2045	ALT3	WB	MD	Mainline	2.05	2.61	46.97	11.71	22056	15882	0.3770	0.3473	0.0616	0.0028	0.0487	0.1165	0.0127	0.0058	0.0021	0.3155	0.5384
288	2045	ALT3	WB	MD	Mainline	0.22	0.28	5.03	1.21	2353	1682	0.0391	0.0360	0.0067	0.0003	0.0049	0.0119	0.0014	0.0006	0.0002	0.0323	0.0521
289	2045	ALT3	WB	MD	Mainline	2.22	2.83	51.62	12.55	23927	17179	0.3955	0.3644	0.0668	0.0030	0.0519	0.1247	0.0138	0.0064	0.0022	0.3280	0.5712
290	2045	ALT3	WB	MD	Ramp	0.08	0.11	2.65	0.32	918	610	0.0059	0.0054	0.0025	0.0001	0.0010	0.0028	0.0005	0.0004	0.0001	0.0019	0.0080
291	2045	ALT3	WB	MD	Ramp	0.08	0.11	2.46	0.30	920	611	0.0063	0.0058	0.0026	0.0001	0.0010	0.0029	0.0006	0.0004	0.0001	0.0016	0.0084
292	2045	ALT3	WB	MD	Ramp	0.03	0.04	0.94	0.11	327	217	0.0021	0.0019	0.0009	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0006	0.0026
293	2045	ALT3	WB	MD	Ramp	0.26	0.38	4.09	0.58	2219	1477	0.0201	0.0186	0.0085	0.0004	0.0054	0.0138	0.0018	0.0015	0.0002	0.0035	0.0595
294	2045	ALT3	WB	MD	Ramp	0.08	0.11	2.12	0.27	855	570	0.0064	0.0059	0.0025	0.0001	0.0011	0.0030	0.0005	0.0004	0.0001	0.0017	0.0095
295	2045	ALT3	WB	MD	Ramp	0.20	0.29	3.36	0.44	1760	1167	0.0154	0.0142	0.0065	0.0003	0.0036	0.0094	0.0014	0.0011	0.0002	0.0025	0.0370
296	2045	ALT3	WB	MD	Ramp	0.08	0.11	1.55	0.25	746	507	0.0067	0.0062	0.0025	0.0001	0.0019	0.0047	0.0005	0.0004	0.0001	0.0022	0.0222
297	2045	ALT3	WB	MD	Ramp	1.62	2.12	31.92	9.71	16091	11959	0.2139	0.1972	0.0464	0.0016	0.0680	0.1474	0.0082	0.0050	0.0014	0.1591	0.8632

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
298	2045	ALT3	WB	MD	Ramp	0.01	0.02	0.33	0.04	124	82	0.0008	0.0008	0.0004	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0002	0.0008
299	2045	ALT3	WB	MD	Ramp	0.04	0.06	1.46	0.17	510	337	0.0032	0.0029	0.0014	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0008	0.0036
300	2045	ALT3	WB	MD	Ramp	0.46	0.65	15.00	1.83	5437	3617	0.0363	0.0336	0.0150	0.0008	0.0060	0.0174	0.0033	0.0023	0.0004	0.0105	0.0514
301	2045	ALT3	WB	MD	Ramp	0.20	0.29	3.99	0.58	1895	1274	0.0163	0.0151	0.0064	0.0003	0.0041	0.0103	0.0013	0.0010	0.0002	0.0045	0.0445
302	2045	ALT3	WB	MD	Ramp	0.03	0.04	0.85	0.10	309	206	0.0021	0.0019	0.0009	0.0000	0.0003	0.0010	0.0002	0.0001	0.0000	0.0006	0.0029
303	2045	ALT3	WB	MD	Ramp	0.05	0.07	1.42	0.22	572	391	0.0048	0.0045	0.0016	0.0001	0.0011	0.0027	0.0003	0.0002	0.0000	0.0022	0.0115
304	2045	ALT3	WB	MD	Ramp	0.05	0.08	1.47	0.19	597	398	0.0045	0.0041	0.0018	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0012	0.0067
305	2045	ALT3	WB	MD	Ramp	0.10	0.15	2.66	0.41	1119	762	0.0095	0.0088	0.0033	0.0002	0.0020	0.0051	0.0007	0.0005	0.0001	0.0038	0.0211
306	2045	ALT3	WB	MD	Ramp	0.06	0.09	1.78	0.19	720	472	0.0049	0.0045	0.0021	0.0001	0.0006	0.0019	0.0005	0.0004	0.0001	0.0006	0.0032
307	2045	ALT3	WB	MD	Ramp	0.13	0.20	2.15	0.30	1158	770	0.0104	0.0096	0.0044	0.0002	0.0027	0.0068	0.0009	0.0008	0.0001	0.0017	0.0286
308	2045	ALT3	WB	MD	Ramp	0.13	0.19	2.81	0.40	1299	873	0.0109	0.0101	0.0043	0.0002	0.0025	0.0065	0.0009	0.0007	0.0001	0.0030	0.0266
309	2045	ALT3	WB	MD	Ramp	0.12	0.17	1.89	0.33	999	680	0.0095	0.0088	0.0038	0.0002	0.0036	0.0083	0.0008	0.0006	0.0001	0.0029	0.0423
310	2045	ALT3	WB	MD	Ramp	0.47	0.64	11.91	2.17	5035	3501	0.0475	0.0438	0.0144	0.0006	0.0118	0.0282	0.0029	0.0020	0.0004	0.0249	0.1358
311	2045	ALT3	WB	MD	Ramp	0.16	0.23	3.13	0.46	1502	1011	0.0130	0.0120	0.0051	0.0002	0.0034	0.0085	0.0011	0.0008	0.0001	0.0036	0.0371
312	2045	ALT3	WB	MD	Ramp	0.04	0.06	1.11	0.15	441	296	0.0034	0.0031	0.0013	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0012	0.0063
313	2045	ALT3	WB	MD	Ramp	0.35	0.48	11.01	1.51	4036	2721	0.0297	0.0275	0.0111	0.0005	0.0057	0.0153	0.0024	0.0016	0.0003	0.0119	0.0563
314	2045	ALT3	WB	MD	Ramp	0.08	0.12	2.23	0.27	909	602	0.0066	0.0061	0.0027	0.0001	0.0010	0.0029	0.0006	0.0005	0.0001	0.0014	0.0078
315	2045	ALT3	WB	MD	Ramp	0.13	0.18	2.96	0.40	1312	878	0.0106	0.0098	0.0041	0.0002	0.0021	0.0056	0.0009	0.0007	0.0001	0.0029	0.0207
316	2045	ALT3	WB	MD	Ramp	0.07	0.10	1.95	0.22	785	517	0.0054	0.0050	0.0023	0.0001	0.0007	0.0023	0.0005	0.0004	0.0001	0.0009	0.0049
317	2045	ALT3	WB	MD	Ramp	0.08	0.12	1.76	0.27	807	545	0.0070	0.0064	0.0026	0.0001	0.0017	0.0042	0.0005	0.0004	0.0001	0.0022	0.0178
318	2045	ALT3	WB	MD	Ramp	0.05	0.07	1.53	0.17	574	379	0.0037	0.0035	0.0016	0.0001	0.0005	0.0016	0.0004	0.0003	0.0000	0.0007	0.0037
319	2045	ALT3	WB	MD	Ramp	0.12	0.18	2.96	0.40	1300	869	0.0104	0.0096	0.0040	0.0002	0.0019	0.0053	0.0009	0.0007	0.0001	0.0027	0.0187
320	2045	ALT3	WB	MD	Ramp	0.07	0.10	1.86	0.23	777	516	0.0058	0.0054	0.0023	0.0001	0.0009	0.0026	0.0005	0.0004	0.0001	0.0013	0.0072
321	2045	ALT3	WB	MD	Ramp	0.13	0.19	2.80	0.37	1287	859	0.0105	0.0097	0.0042	0.0002	0.0022	0.0058	0.0009	0.0007	0.0001	0.0024	0.0217
322	2045	ALT3	WB	MD	Ramp	0.10	0.14	1.76	0.27	874	588	0.0077	0.0072	0.0031	0.0001	0.0022	0.0054	0.0006	0.0005	0.0001	0.0020	0.0247
323	2045	ALT3	WB	MD	Ramp	0.18	0.26	5.37	0.80	2088	1421	0.0169	0.0156	0.0059	0.0003	0.0036	0.0091	0.0012	0.0009	0.0002	0.0073	0.0374
324	2045	ALT3	WB	MD	Ramp	0.04	0.06	1.22	0.17	470	318	0.0036	0.0033	0.0013	0.0001	0.0007	0.0019	0.0003	0.0002	0.0000	0.0014	0.0073
325	2045	ALT3	WB	MD	Ramp	0.29	0.41	6.22	0.94	2856	1930	0.0246	0.0228	0.0092	0.0004	0.0059	0.0148	0.0019	0.0015	0.0002	0.0079	0.0634
326	2045	ALT3	WB	MD	Ramp	0.11	0.15	2.90	0.37	1176	783	0.0087	0.0080	0.0035	0.0002	0.0014	0.0041	0.0008	0.0006	0.0001	0.0022	0.0123
327	2045	ALT3	WB	MD	Ramp	0.23	0.32	4.19	0.69	2057	1399	0.0188	0.0174	0.0072	0.0003	0.0058	0.0138	0.0014	0.0011	0.0002	0.0062	0.0666
328	2045	ALT3	WB	MD	Ramp	0.05	0.07	1.49	0.18	561	373	0.0039	0.0036	0.0016	0.0001	0.0006	0.0018	0.0003	0.0002	0.0000	0.0011	0.0055
329	2045	ALT3	WB	MD	Ramp	0.12	0.17	2.81	0.39	1250	838	0.0102	0.0094	0.0039	0.0002	0.0020	0.0055	0.0008	0.0007	0.0001	0.0028	0.0205
330	2045	ALT3	WB	MD	Ramp	0.03	0.04	0.93	0.13	356	240	0.0027	0.0025	0.0010	0.0000	0.0005	0.0014	0.0002	0.0001	0.0000	0.0011	0.0054
331	2045	ALT3	WB	MD	Ramp	0.14	0.20	4.30	0.62	1650	1119	0.0130	0.0120	0.0046	0.0002	0.0027	0.0069	0.0010	0.0007	0.0001	0.0054	0.0275
332	2045	ALT3	WB	MD	Ramp	0.05	0.06	1.46	0.24	548	378	0.0048	0.0044	0.0015	0.0001	0.0010	0.0026	0.0003	0.0002	0.0000	0.0026	0.0114
333	2045	ALT3	WB	MD	Ramp	0.13	0.18	3.78	0.61	1488	1023	0.0128	0.0119	0.0041	0.0002	0.0029	0.0072	0.0009	0.0006	0.0001	0.0064	0.0321
334	2045	ALT3	WB	MD	Ramp	0.05	0.07	1.56	0.27	608	422	0.0056	0.0051	0.0017	0.0001	0.0013	0.0031	0.0003	0.0002	0.0000	0.0031	0.0146
335	2045	ALT3	WB	MD	Ramp	0.20	0.27	5.01	0.98	2116	1488	0.0212	0.0195	0.0060	0.0003	0.0055	0.0128	0.0012	0.0008	0.0002	0.0124	0.0646
336	2045	ALT3	WB	MD	Ramp	0.17	0.23	4.34	0.82	1829	1279	0.0178	0.0164	0.0052	0.0002	0.0045	0.0107	0.0010	0.0007	0.0001	0.0100	0.0527
337	2045	ALT3	WB	MD	Ramp	0.08	0.12	2.28	0.39	932	644	0.0084	0.0078	0.0026	0.0001	0.0020	0.0049	0.0005	0.0004	0.0001	0.0043	0.0226
338	2045	ALT3	WB	MD	Ramp	0.05	0.07	1.15	0.34	556	413	0.0074	0.0068	0.0016	0.0001	0.0023	0.0049	0.0003	0.0002	0.0000	0.0056	0.0285
339	2045	ALT3	WB	MD	Ramp	0.23	0.30	7.32	1.09	2639	1796	0.0214	0.0198	0.0071	0.0003	0.0038	0.0101	0.0015	0.0009	0.0002	0.0118	0.0374
340	2045	ALT3	WB	MD	Ramp	0.83	1.13	21.78	4.22	9060	6369	0.0901	0.0832	0.0253	0.0011	0.0231	0.0539	0.0050	0.0033	0.0007	0.0535	0.2713
341	2045	ALT3	WB	MD	Ramp	0.80	1.12	20.38	3.37	8620	5914	0.0763	0.0705	0.0252	0.0012	0.0173	0.0430	0.0052	0.0038	0.0007	0.0342	0.1908
342	2045	ALT3	WB	MD	Ramp	0.12	0.17	3.21	0.54	1351	929	0.0121	0.0112	0.0039	0.0002	0.0028	0.0069	0.0008	0.0006	0.0001	0.0056	0.0312
343	2045	ALT3	WB	MD	Ramp	0.21	0.29	2.67	0.61	1485	1040	0.0158	0.0147	0.0062	0.0002	0.0084	0.0185	0.0011	0.0008	0.0001	0.0068	0.1067
344	2045	ALT3	WB	MD	Ramp	0.08	0.10	1.95	0.36	823	574	0.0079	0.0073	0.0023	0.0001	0.0020	0.0047	0.0005	0.0003	0.0001	0.0043	0.0229
345	2045	ALT3	WB	MD	Ramp	0.04	0.06	0.73	0.14	361	250	0.0035	0.0033	0.0013	0.0001	0.0012	0.0028	0.0002	0.0002	0.0000	0.0015	0.0144

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
346	2045	ALT3	WB	MD	Ramp	0.12	0.17	1.99	0.40	1018	707	0.0102	0.0094	0.0037	0.0001	0.0040	0.0090	0.0007	0.0005	0.0001	0.0043	0.0484
347	2045	ALT3	WB	MD	Ramp	0.06	0.09	1.51	0.24	666	454	0.0058	0.0054	0.0020	0.0001	0.0012	0.0031	0.0004	0.0003	0.0001	0.0023	0.0131
348	2045	ALT3	WB	MD	Ramp	0.50	0.68	13.27	2.34	5459	3787	0.0504	0.0465	0.0154	0.0007	0.0122	0.0294	0.0031	0.0021	0.0004	0.0265	0.1392
349	2045	ALT3	WB	MD	Ramp	0.14	0.19	3.18	0.68	1448	1025	0.0153	0.0141	0.0043	0.0002	0.0042	0.0096	0.0008	0.0006	0.0001	0.0089	0.0499
350	2045	ALT3	WB	MD	Ramp	0.12	0.17	4.13	0.53	1475	986	0.0101	0.0093	0.0040	0.0002	0.0018	0.0050	0.0009	0.0006	0.0001	0.0035	0.0161
351	2045	ALT3	WB	MD	Ramp	0.10	0.14	1.63	0.37	844	595	0.0090	0.0083	0.0031	0.0001	0.0037	0.0083	0.0006	0.0004	0.0001	0.0045	0.0466
352	2045	ALT3	WB	MD	Ramp	0.05	0.07	1.17	0.14	499	330	0.0038	0.0035	0.0015	0.0001	0.0006	0.0017	0.0003	0.0003	0.0000	0.0008	0.0049
353	2045	ALT3	WB	MD	Ramp	0.16	0.22	4.52	0.60	1768	1186	0.0132	0.0122	0.0051	0.0002	0.0024	0.0066	0.0011	0.0008	0.0001	0.0043	0.0233
354	2045	ALT3	WB	MD	Ramp	0.30	0.43	5.98	0.90	2852	1925	0.0249	0.0230	0.0096	0.0004	0.0066	0.0163	0.0020	0.0016	0.0002	0.0073	0.0726
355	2045	ALT3	WB	MD	Ramp	0.13	0.18	2.71	0.39	1248	839	0.0105	0.0098	0.0041	0.0002	0.0024	0.0063	0.0009	0.0007	0.0001	0.0030	0.0258
356	2045	ALT3	WB	MD	Ramp	0.08	0.12	1.85	0.24	843	562	0.0068	0.0063	0.0027	0.0001	0.0014	0.0037	0.0006	0.0005	0.0001	0.0015	0.0134
357	2045	ALT3	WB	MD	Ramp	0.27	0.40	5.19	0.71	2552	1702	0.0217	0.0201	0.0089	0.0004	0.0052	0.0134	0.0019	0.0015	0.0002	0.0046	0.0547
358	2045	ALT3	WB	MD	Ramp	0.26	0.36	3.07	0.62	1786	1227	0.0184	0.0170	0.0078	0.0003	0.0093	0.0208	0.0015	0.0011	0.0002	0.0058	0.1157
359	2045	ALT3	WB	MD	Ramp	0.16	0.23	2.91	0.39	1446	963	0.0123	0.0114	0.0051	0.0002	0.0029	0.0076	0.0011	0.0009	0.0001	0.0025	0.0307
360	2045	ALT3	WB	MD	Ramp	0.17	0.24	2.62	0.38	1402	936	0.0127	0.0117	0.0053	0.0002	0.0036	0.0089	0.0011	0.0009	0.0001	0.0025	0.0397
361	2045	ALT3	WB	MD	Ramp	0.14	0.20	2.17	0.32	1155	773	0.0105	0.0097	0.0044	0.0002	0.0031	0.0077	0.0009	0.0007	0.0001	0.0022	0.0352
362	2045	ALT3	WB	MD	Ramp	0.10	0.13	2.27	0.37	1006	687	0.0090	0.0083	0.0030	0.0001	0.0020	0.0049	0.0006	0.0005	0.0001	0.0037	0.0213
363	2045	ALT3	WB	MD	Ramp	0.18	0.26	3.72	0.46	1742	1153	0.0139	0.0129	0.0058	0.0003	0.0025	0.0072	0.0012	0.0010	0.0002	0.0024	0.0238
364	2045	ALT3	WB	MD	HOV																	
365	2045	ALT3	WB	MD	HOV																	
366	2045	ALT3	WB	MD	HOT	0.21	0.27	5.25	0.61	2009	1306	0.0086	0.0080	0.0066	0.0004	0.0013	0.0050	0.0015	0.0007	0.0001	0.0008	0.0015
367	2045	ALT3	WB	MD	HOT	0.31	0.40	7.89	0.92	3019	1963	0.0129	0.0120	0.0099	0.0005	0.0020	0.0076	0.0023	0.0010	0.0001	0.0012	0.0023
368	2045	ALT3	WB	MD	HOT	0.16	0.20	3.99	0.47	1529	994	0.0065	0.0061	0.0050	0.0003	0.0010	0.0038	0.0012	0.0005	0.0001	0.0006	0.0012
369	2045	ALT3	WB	MD	HOT	0.15	0.19	3.79	0.44	1450	943	0.0062	0.0057	0.0047	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0006	0.0011
370	2045	ALT3	WB	MD	HOT	0.15	0.20	3.95	0.46	1513	984	0.0065	0.0060	0.0050	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0011
371	2045	ALT3	WB	MD	HOT	0.07	0.09	1.82	0.21	696	453	0.0030	0.0028	0.0023	0.0001	0.0005	0.0017	0.0005	0.0002	0.0000	0.0003	0.0005
372	2045	ALT3	WB	MD	HOT	0.11	0.14	2.81	0.33	1077	700	0.0046	0.0043	0.0035	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0008
373	2045	ALT3	WB	MD	HOT	0.07	0.09	1.84	0.21	704	458	0.0030	0.0028	0.0023	0.0001	0.0005	0.0018	0.0005	0.0002	0.0000	0.0003	0.0005
374	2045	ALT3	WB	MD	HOT	0.32	0.42	8.25	0.96	3161	2055	0.0135	0.0125	0.0104	0.0006	0.0020	0.0079	0.0024	0.0011	0.0002	0.0013	0.0024
375	2045	ALT3	WB	MD	HOT	0.11	0.14	2.75	0.32	1054	686	0.0045	0.0042	0.0035	0.0002	0.0007	0.0026	0.0008	0.0004	0.0001	0.0004	0.0008
376	2045	ALT3	WB	MD	HOT	0.05	0.07	1.28	0.15	492	320	0.0021	0.0019	0.0016	0.0001	0.0003	0.0012	0.0004	0.0002	0.0000	0.0002	0.0004
377	2045	ALT3	WB	MD	HOT	0.75	0.97	18.57	2.16	7202	4682	0.0308	0.0285	0.0240	0.0013	0.0047	0.0184	0.0055	0.0025	0.0004	0.0030	0.0054
378	2045	ALT3	WB	MD	HOT	0.17	0.22	4.15	0.48	1608	1046	0.0069	0.0064	0.0054	0.0003	0.0011	0.0041	0.0012	0.0005	0.0001	0.0007	0.0012
379	2045	ALT3	WB	MD	HOT	0.20	0.26	5.07	0.59	1959	1273	0.0084	0.0078	0.0065	0.0003	0.0013	0.0050	0.0015	0.0007	0.0001	0.0008	0.0015
380	2045	ALT3	WB	MD	HOT	0.19	0.24	4.71	0.55	1819	1183	0.0078	0.0072	0.0060	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0007	0.0014
381	2045	ALT3	WB	MD	HOT	0.69	0.90	17.27	2.02	6667	4335	0.0285	0.0264	0.0220	0.0012	0.0044	0.0169	0.0051	0.0023	0.0003	0.0027	0.0050
382	2045	ALT3	WB	MD	HOT	0.10	0.13	2.54	0.30	982	638	0.0042	0.0039	0.0032	0.0002	0.0006	0.0025	0.0007	0.0003	0.0000	0.0004	0.0007
383	2045	ALT3	WB	MD	HOT	0.43	0.56	10.85	1.27	4188	2723	0.0179	0.0166	0.0138	0.0007	0.0027	0.0106	0.0032	0.0014	0.0002	0.0017	0.0031
384	2045	ALT3	WB	MD	HOT	0.26	0.33	6.43	0.75	2480	1612	0.0106	0.0098	0.0082	0.0004	0.0016	0.0063	0.0019	0.0008	0.0001	0.0010	0.0019
385	2045	ALT3	WB	MD	HOT	0.64	0.83	16.02	1.87	6184	4020	0.0264	0.0245	0.0204	0.0011	0.0040	0.0157	0.0047	0.0021	0.0003	0.0025	0.0046
386	2045	ALT3	WB	MD	HOT	0.19	0.25	4.77	0.56	1842	1197	0.0079	0.0073	0.0061	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0008	0.0014
387	2045	ALT3	WB	MD	HOT	0.17	0.22	4.17	0.49	1610	1047	0.0069	0.0064	0.0053	0.0003	0.0011	0.0041	0.0012	0.0005	0.0001	0.0007	0.0012
388	2045	ALT3	WB	MD	HOT	0.17	0.22	4.23	0.49	1631	1060	0.0070	0.0065	0.0054	0.0003	0.0011	0.0041	0.0012	0.0006	0.0001	0.0007	0.0012
389	2045	ALT3	WB	MD	HOT	0.66	0.86	16.56	1.93	6393	4157	0.0273	0.0253	0.0211	0.0011	0.0042	0.0162	0.0049	0.0022	0.0003	0.0026	0.0048
390	2045	ALT3	WB	MD	HOT	0.04	0.05	1.04	0.12	400	260	0.0017	0.0016	0.0013	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
391	2045	ALT3	WB	MD	HOT	0.55	0.72	13.83	1.61	5349	3478	0.0229	0.0212	0.0177	0.0010	0.0035	0.0136	0.0041	0.0018	0.0003	0.0022	0.0040
392	2045	ALT3	WB	MD	HOT	0.08	0.10	1.97	0.23	761	495	0.0033	0.0030	0.0025	0.0001	0.0005	0.0019	0.0006	0.0003	0.0000	0.0003	0.0006
393	2045	ALT3	WB	MD	HOT	0.52	0.68	13.04	1.52	5044	3279	0.0215	0.0200	0.0167	0.0009	0.0033	0.0128	0.0038	0.0017	0.0002	0.0021	0.0038

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
394	2045	ALT3	WB	MD	HOT	0.37	0.48	9.31	1.08	3598	2339	0.0154	0.0143	0.0119	0.0006	0.0024	0.0091	0.0027	0.0012	0.0002	0.0015	0.0027
395	2045	ALT3	WB	MD	HOT	0.53	0.69	13.28	1.55	5135	3339	0.0219	0.0203	0.0170	0.0009	0.0034	0.0131	0.0039	0.0017	0.0003	0.0021	0.0038
396	2045	ALT3	WB	MD	HOT	0.15	0.20	3.80	0.44	1470	956	0.0063	0.0058	0.0049	0.0003	0.0010	0.0037	0.0011	0.0005	0.0001	0.0006	0.0011
397	2045	ALT3	WB	MD	HOT	0.53	0.69	13.18	1.54	5096	3313	0.0218	0.0202	0.0169	0.0009	0.0033	0.0130	0.0039	0.0017	0.0003	0.0021	0.0038
398	2045	ALT3	WB	MD	HOT	0.76	0.99	19.04	2.22	7362	4787	0.0315	0.0292	0.0244	0.0013	0.0048	0.0187	0.0056	0.0025	0.0004	0.0030	0.0055
399	2045	ALT3	WB	MD	HOT	0.65	0.85	16.22	1.89	6274	4079	0.0268	0.0249	0.0208	0.0011	0.0041	0.0159	0.0048	0.0021	0.0003	0.0026	0.0047
400	2045	ALT3	WB	MD	HOT	0.47	0.61	11.70	1.36	4523	2941	0.0193	0.0179	0.0150	0.0008	0.0030	0.0115	0.0034	0.0015	0.0002	0.0019	0.0034
401	2045	ALT3	WB	MD	HOT	0.34	0.44	8.38	0.98	3239	2106	0.0138	0.0128	0.0107	0.0006	0.0021	0.0082	0.0025	0.0011	0.0002	0.0013	0.0024
402	2045	ALT3	WB	MD	HOT	0.32	0.42	8.08	0.94	3123	2030	0.0133	0.0124	0.0104	0.0006	0.0020	0.0079	0.0024	0.0011	0.0002	0.0013	0.0023
403	2045	ALT3	WB	MD	HOT	0.60	0.78	14.86	1.73	5761	3746	0.0246	0.0228	0.0192	0.0010	0.0038	0.0147	0.0044	0.0020	0.0003	0.0024	0.0043
404	2045	ALT3	WB	MD	HOT	0.34	0.44	8.39	0.98	3254	2116	0.0139	0.0129	0.0108	0.0006	0.0021	0.0083	0.0025	0.0011	0.0002	0.0013	0.0024
405	2045	ALT3	WB	MD	HOT	0.47	0.61	11.61	1.35	4501	2926	0.0192	0.0178	0.0150	0.0008	0.0030	0.0115	0.0034	0.0015	0.0002	0.0018	0.0034
406	2045	ALT3	WB	MD	HOT	0.36	0.47	9.00	1.05	3492	2270	0.0149	0.0138	0.0116	0.0006	0.0023	0.0089	0.0027	0.0012	0.0002	0.0014	0.0026
407	2045	ALT3	WB	MD	HOT	0.55	0.71	13.58	1.58	5265	3423	0.0225	0.0209	0.0175	0.0009	0.0035	0.0134	0.0040	0.0018	0.0003	0.0022	0.0039
408	2045	ALT3	WB	MD	HOT	0.34	0.45	8.49	0.99	3293	2141	0.0141	0.0130	0.0110	0.0006	0.0022	0.0084	0.0025	0.0011	0.0002	0.0014	0.0025
409	2045	ALT3	WB	MD	HOT	0.48	0.62	11.85	1.38	4596	2988	0.0196	0.0182	0.0153	0.0008	0.0030	0.0117	0.0035	0.0016	0.0002	0.0019	0.0034
410	2045	ALT3	WB	MD	HOT	1.34	1.76	35.21	4.09	13343	8675	0.0570	0.0528	0.0432	0.0023	0.0085	0.0331	0.0099	0.0045	0.0007	0.0054	0.0102
411	2045	ALT3	WB	MD	HOT	0.72	0.94	18.85	2.19	7146	4646	0.0305	0.0283	0.0231	0.0012	0.0046	0.0177	0.0053	0.0024	0.0004	0.0029	0.0055
412	2045	ALT3	WB	MD	HOT	0.28	0.36	7.23	0.84	2740	1781	0.0117	0.0108	0.0089	0.0005	0.0018	0.0068	0.0020	0.0009	0.0001	0.0011	0.0021
413	2045	ALT3	WB	MD	HOT	0.14	0.18	3.70	0.43	1401	911	0.0060	0.0055	0.0045	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0006	0.0011
414	2045	ALT3	WB	MD	HOT	0.60	0.79	15.75	1.83	5970	3881	0.0255	0.0236	0.0193	0.0010	0.0038	0.0148	0.0044	0.0020	0.0003	0.0024	0.0046
415	2045	ALT3	WB	MD	HOT	0.14	0.18	3.69	0.43	1400	910	0.0060	0.0055	0.0045	0.0002	0.0009	0.0035	0.0010	0.0005	0.0001	0.0006	0.0011
416	2045	ALT3	WB	MD	HOT	0.02	0.03	0.57	0.07	217	141	0.0009	0.0009	0.0007	0.0000	0.0001	0.0005	0.0002	0.0001	0.0000	0.0001	0.0002
417	2045	ALT3	WB	MD	HOT	0.62	0.80	16.12	1.87	6108	3971	0.0261	0.0242	0.0198	0.0011	0.0039	0.0152	0.0045	0.0021	0.0003	0.0025	0.0047
418	2045	ALT3	WB	MD	HOT	0.26	0.35	6.93	0.81	2627	1708	0.0112	0.0104	0.0085	0.0005	0.0017	0.0065	0.0020	0.0009	0.0001	0.0011	0.0020
419	2045	ALT3	WB	MD	HOT	0.44	0.57	11.42	1.33	4328	2814	0.0185	0.0171	0.0140	0.0008	0.0028	0.0107	0.0032	0.0015	0.0002	0.0018	0.0033
420	2045	ALT3	WB	MD	HOT	0.43	0.56	11.09	1.29	4241	2757	0.0181	0.0168	0.0139	0.0007	0.0027	0.0106	0.0032	0.0014	0.0002	0.0017	0.0032
421	2045	ALT3	WB	MD	HOT	0.41	0.53	10.50	1.22	4015	2610	0.0171	0.0159	0.0131	0.0007	0.0026	0.0101	0.0030	0.0014	0.0002	0.0016	0.0030
422	2045	ALT3	WB	MD	HOT	0.49	0.63	12.46	1.45	4766	3099	0.0203	0.0189	0.0156	0.0008	0.0031	0.0119	0.0036	0.0016	0.0002	0.0020	0.0036
423	2045	ALT3	WB	MD	HOT	0.94	1.22	24.03	2.80	9189	5975	0.0392	0.0364	0.0300	0.0016	0.0059	0.0230	0.0069	0.0031	0.0005	0.0038	0.0070
424	2045	ALT3	WB	MD	HOT	0.23	0.30	5.88	0.69	2247	1461	0.0096	0.0089	0.0073	0.0004	0.0015	0.0056	0.0017	0.0008	0.0001	0.0009	0.0017
425	2045	ALT3	WB	MD	HOT	0.54	0.71	13.89	1.62	5311	3453	0.0227	0.0210	0.0174	0.0009	0.0034	0.0133	0.0040	0.0018	0.0003	0.0022	0.0040
426	2045	ALT3	WB	MD	HOT	0.28	0.37	7.31	0.85	2796	1818	0.0119	0.0111	0.0091	0.0005	0.0018	0.0070	0.0021	0.0010	0.0001	0.0011	0.0021
427	2045	ALT3	WB	MD	HOT	0.54	0.71	13.98	1.63	5345	3475	0.0228	0.0212	0.0175	0.0009	0.0035	0.0134	0.0040	0.0018	0.0003	0.0022	0.0041
428	2045	ALT3	WB	MD	HOT	0.58	0.76	14.92	1.74	5707	3710	0.0244	0.0226	0.0187	0.0010	0.0037	0.0143	0.0043	0.0019	0.0003	0.0023	0.0043
429	2045	ALT3	WB	MD	HOT	0.39	0.51	9.95	1.16	3805	2474	0.0162	0.0151	0.0124	0.0007	0.0025	0.0095	0.0029	0.0013	0.0002	0.0016	0.0029
430	2045	ALT3	WB	MD	HOT	0.54	0.71	15.25	1.75	5604	3644	0.0239	0.0221	0.0175	0.0009	0.0034	0.0134	0.0040	0.0019	0.0003	0.0022	0.0045
431	2045	ALT3	WB	MD	HOT	0.49	0.64	13.74	1.58	5051	3284	0.0215	0.0200	0.0157	0.0008	0.0031	0.0121	0.0036	0.0017	0.0003	0.0020	0.0040
432	2045	ALT3	WB	MD	HOT	0.58	0.76	16.19	1.86	5949	3868	0.0254	0.0235	0.0185	0.0010	0.0037	0.0142	0.0043	0.0020	0.0003	0.0024	0.0047
433	2045	ALT3	WB	MD	HOT	0.44	0.58	12.25	1.41	4519	2938	0.0193	0.0179	0.0142	0.0008	0.0028	0.0109	0.0032	0.0015	0.0002	0.0018	0.0036
434	2045	ALT3	WB	MD	HOT	0.37	0.49	10.30	1.19	3798	2469	0.0162	0.0150	0.0119	0.0006	0.0023	0.0091	0.0027	0.0013	0.0002	0.0015	0.0030
435	2045	ALT3	WB	MD	HOT	0.71	0.93	19.75	2.27	7287	4738	0.0311	0.0288	0.0228	0.0012	0.0045	0.0175	0.0052	0.0025	0.0004	0.0029	0.0058
436	2045	ALT3	WB	MD	HOT	0.07	0.09	1.89	0.22	698	454	0.0030	0.0028	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0006
437	2045	ALT3	WB	MD	HOT	0.75	0.99	21.01	2.42	7751	5040	0.0331	0.0306	0.0243	0.0013	0.0048	0.0186	0.0056	0.0026	0.0004	0.0031	0.0062
216	2045	ALT3	WB	PM	Mainline	1.07	1.36	22.81	5.62	10992	7869	0.1935	0.1783	0.0325	0.0015	0.0227	0.0557	0.0068	0.0030	0.0011	0.1622	0.2402
217	2045	ALT3	WB	PM	Mainline	1.91	2.42	41.15	10.50	19915	14340	0.3608	0.3323	0.0575	0.0026	0.0431	0.1042	0.0120	0.0053	0.0020	0.3052	0.4669
218	2045	ALT3	WB	PM	Mainline	1.50	1.92	34.06	7.57	15595	11017	0.2367	0.2181	0.0459	0.0022	0.0292	0.0734	0.0098	0.0044	0.0014	0.1900	0.2991
219	2045	ALT3	WB	PM	Mainline	1.98	2.54	48.90	10.85	21612	15351	0.3154	0.2906	0.0600	0.0027	0.0437	0.1064	0.0125	0.0059	0.0019	0.2519	0.4719

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
220	2045	ALT3	WB	PM	Mainline	1.17	1.50	27.75	5.97	12372	8721	0.1775	0.1636	0.0357	0.0017	0.0231	0.0577	0.0076	0.0035	0.0011	0.1401	0.2380
221	2045	ALT3	WB	PM	Mainline	0.98	1.26	24.53	5.35	10741	7613	0.1529	0.1409	0.0298	0.0014	0.0214	0.0522	0.0062	0.0030	0.0009	0.1210	0.2297
222	2045	ALT3	WB	PM	Mainline	1.18	1.52	28.64	6.01	12573	8840	0.1734	0.1598	0.0361	0.0017	0.0231	0.0579	0.0077	0.0036	0.0011	0.1351	0.2372
223	2045	ALT3	WB	PM	Mainline	0.56	0.72	13.99	2.88	6026	4233	0.0801	0.0738	0.0170	0.0008	0.0111	0.0276	0.0036	0.0017	0.0005	0.0616	0.1148
224	2045	ALT3	WB	PM	Mainline	0.62	0.79	14.78	2.70	6316	4345	0.0724	0.0668	0.0191	0.0009	0.0093	0.0252	0.0042	0.0019	0.0005	0.0517	0.0840
225	2045	ALT3	WB	PM	Mainline	0.40	0.51	9.41	1.73	4043	2784	0.0471	0.0434	0.0123	0.0006	0.0060	0.0162	0.0027	0.0012	0.0003	0.0338	0.0544
226	2045	ALT3	WB	PM	Mainline	1.87	2.39	41.85	7.71	18413	12668	0.2198	0.2027	0.0579	0.0029	0.0272	0.0741	0.0127	0.0055	0.0014	0.1593	0.2374
227	2045	ALT3	WB	PM	Mainline	0.76	0.97	17.00	2.98	7397	5057	0.0820	0.0756	0.0235	0.0012	0.0102	0.0286	0.0052	0.0023	0.0006	0.0572	0.0848
228	2045	ALT3	WB	PM	Mainline	0.43	0.56	9.89	1.67	4245	2889	0.0441	0.0407	0.0135	0.0007	0.0056	0.0159	0.0030	0.0013	0.0003	0.0297	0.0445
229	2045	ALT3	WB	PM	Mainline	2.41	3.10	57.64	10.35	24577	16868	0.2750	0.2537	0.0749	0.0037	0.0354	0.0964	0.0164	0.0074	0.0018	0.1938	0.3120
230	2045	ALT3	WB	PM	Mainline	0.64	0.82	15.18	2.65	6441	4401	0.0688	0.0634	0.0198	0.0010	0.0088	0.0245	0.0044	0.0020	0.0005	0.0472	0.0748
231	2045	ALT3	WB	PM	Mainline	0.65	0.84	16.19	2.84	6761	4632	0.0724	0.0668	0.0203	0.0010	0.0096	0.0262	0.0044	0.0020	0.0005	0.0499	0.0850
232	2045	ALT3	WB	PM	Mainline	0.70	0.91	16.94	2.98	7162	4902	0.0773	0.0713	0.0219	0.0011	0.0100	0.0276	0.0048	0.0022	0.0005	0.0534	0.0867
233	2045	ALT3	WB	PM	Mainline	2.05	2.70	60.68	10.18	23314	16045	0.2283	0.2106	0.0636	0.0030	0.0366	0.0945	0.0136	0.0070	0.0016	0.1504	0.3640
234	2045	ALT3	WB	PM	Mainline	0.35	0.45	9.77	1.62	3824	2618	0.0372	0.0343	0.0108	0.0005	0.0055	0.0147	0.0023	0.0012	0.0003	0.0243	0.0518
235	2045	ALT3	WB	PM	Mainline	1.33	1.76	40.94	6.63	15325	10517	0.1405	0.1296	0.0413	0.0020	0.0239	0.0617	0.0088	0.0048	0.0010	0.0876	0.2399
236	2045	ALT3	WB	PM	Mainline	0.88	1.16	26.03	4.23	9959	6816	0.0935	0.0862	0.0275	0.0013	0.0145	0.0383	0.0059	0.0030	0.0007	0.0598	0.1382
237	2045	ALT3	WB	PM	Mainline	1.54	1.99	37.77	6.67	15898	10897	0.1727	0.1593	0.0480	0.0024	0.0226	0.0617	0.0105	0.0048	0.0012	0.1200	0.1996
238	2045	ALT3	WB	PM	Mainline	0.49	0.64	12.50	2.14	5143	3517	0.0530	0.0489	0.0153	0.0008	0.0072	0.0196	0.0034	0.0016	0.0004	0.0358	0.0630
239	2045	ALT3	WB	PM	Mainline	0.43	0.56	11.18	1.91	4576	3128	0.0467	0.0430	0.0135	0.0007	0.0063	0.0174	0.0030	0.0014	0.0003	0.0313	0.0560
240	2045	ALT3	WB	PM	Mainline	0.55	0.72	14.97	2.42	5922	4027	0.0550	0.0507	0.0172	0.0009	0.0077	0.0214	0.0038	0.0018	0.0004	0.0348	0.0669
241	2045	ALT3	WB	PM	Mainline	1.96	2.57	55.51	8.95	21588	14713	0.2004	0.1849	0.0613	0.0030	0.0294	0.0799	0.0134	0.0066	0.0015	0.1269	0.2657
242	2045	ALT3	WB	PM	Mainline	0.14	0.19	3.85	0.62	1535	1043	0.0143	0.0132	0.0045	0.0002	0.0020	0.0055	0.0010	0.0005	0.0001	0.0091	0.0169
243	2045	ALT3	WB	PM	Mainline	1.69	2.22	49.51	7.87	18939	12910	0.1721	0.1588	0.0530	0.0026	0.0261	0.0703	0.0115	0.0058	0.0013	0.1075	0.2397
244	2045	ALT3	WB	PM	Mainline	0.27	0.36	7.25	1.18	2906	1977	0.0275	0.0254	0.0085	0.0004	0.0038	0.0106	0.0019	0.0009	0.0002	0.0176	0.0326
245	2045	ALT3	WB	PM	Mainline	1.59	2.09	46.09	7.41	17759	12117	0.1643	0.1516	0.0498	0.0024	0.0247	0.0665	0.0108	0.0055	0.0012	0.1039	0.2277
246	2045	ALT3	WB	PM	Mainline	1.30	1.69	34.75	5.68	13871	9438	0.1312	0.1210	0.0405	0.0020	0.0183	0.0506	0.0089	0.0043	0.0010	0.0840	0.1579
247	2045	ALT3	WB	PM	Mainline	1.62	2.12	46.46	7.53	17988	12281	0.1684	0.1554	0.0506	0.0025	0.0252	0.0676	0.0110	0.0055	0.0012	0.1074	0.2320
248	2045	ALT3	WB	PM	Mainline	0.53	0.68	13.79	2.28	5570	3793	0.0539	0.0497	0.0165	0.0008	0.0074	0.0205	0.0036	0.0017	0.0004	0.0350	0.0637
249	2045	ALT3	WB	PM	Mainline	1.73	2.24	43.52	7.34	17932	12225	0.1801	0.1662	0.0540	0.0027	0.0241	0.0669	0.0119	0.0055	0.0013	0.1196	0.2055
250	2045	ALT3	WB	PM	Mainline	2.67	3.48	72.49	11.84	28775	19594	0.2721	0.2510	0.0834	0.0042	0.0383	0.1055	0.0183	0.0089	0.0020	0.1744	0.3356
251	2045	ALT3	WB	PM	Mainline	1.97	2.57	55.36	9.07	21643	14782	0.2060	0.1900	0.0613	0.0030	0.0303	0.0815	0.0133	0.0066	0.0015	0.1328	0.2774
252	2045	ALT3	WB	PM	Mainline	1.63	2.13	43.70	7.21	17491	11918	0.1682	0.1552	0.0510	0.0025	0.0235	0.0645	0.0112	0.0054	0.0012	0.1090	0.2050
253	2045	ALT3	WB	PM	Mainline	1.17	1.52	31.30	5.16	12527	8535	0.1205	0.1111	0.0365	0.0018	0.0168	0.0462	0.0080	0.0038	0.0009	0.0781	0.1468
254	2045	ALT3	WB	PM	Mainline	1.13	1.47	30.17	4.98	12075	8228	0.1161	0.1071	0.0352	0.0018	0.0162	0.0445	0.0077	0.0037	0.0008	0.0752	0.1415
255	2045	ALT3	WB	PM	Mainline	1.86	2.43	51.33	8.66	20363	13953	0.2030	0.1873	0.0579	0.0028	0.0295	0.0786	0.0126	0.0062	0.0014	0.1350	0.2745
256	2045	ALT3	WB	PM	Mainline	1.21	1.56	31.18	5.28	12715	8684	0.1280	0.1181	0.0376	0.0019	0.0175	0.0479	0.0082	0.0039	0.0009	0.0853	0.1536
257	2045	ALT3	WB	PM	Mainline	1.43	1.86	38.67	6.63	15532	10651	0.1586	0.1463	0.0445	0.0022	0.0225	0.0602	0.0097	0.0047	0.0011	0.1070	0.2089
258	2045	ALT3	WB	PM	Mainline	1.40	1.81	33.79	5.83	14249	9725	0.1493	0.1377	0.0438	0.0022	0.0193	0.0538	0.0097	0.0043	0.0010	0.1014	0.1629
259	2045	ALT3	WB	PM	Mainline	2.05	2.63	48.02	8.35	20494	13997	0.2196	0.2026	0.0638	0.0032	0.0280	0.0781	0.0141	0.0062	0.0015	0.1508	0.2348
260	2045	ALT3	WB	PM	Mainline	1.33	1.72	32.14	5.55	13543	9247	0.1423	0.1313	0.0415	0.0021	0.0185	0.0513	0.0091	0.0041	0.0010	0.0968	0.1565
261	2045	ALT3	WB	PM	Mainline	1.59	2.06	39.28	6.81	16418	11226	0.1729	0.1595	0.0496	0.0025	0.0228	0.0627	0.0109	0.0050	0.0012	0.1180	0.1977
262	2045	ALT3	WB	PM	Mainline	4.21	5.43	100.53	17.56	42655	29156	0.4569	0.4215	0.1312	0.0066	0.0587	0.1628	0.0289	0.0130	0.0031	0.3142	0.4995
263	2045	ALT3	WB	PM	Mainline	2.00	2.59	50.41	8.64	20833	14236	0.2148	0.1981	0.0624	0.0031	0.0288	0.0790	0.0137	0.0063	0.0015	0.1449	0.2507
264	2045	ALT3	WB	PM	Mainline	0.72	0.95	22.17	3.55	8287	5675	0.0749	0.0691	0.0225	0.0011	0.0126	0.0327	0.0048	0.0026	0.0006	0.0463	0.1237
265	2045	ALT3	WB	PM	Mainline	0.41	0.53	11.39	1.88	4479	3062	0.0433	0.0400	0.0127	0.0006	0.0063	0.0170	0.0028	0.0014	0.0003	0.0282	0.0581
266	2045	ALT3	WB	PM	Mainline	1.41	1.84	38.43	6.34	15259	10408	0.1466	0.1352	0.0440	0.0022	0.0208	0.0567	0.0096	0.0047	0.0011	0.0950	0.1851
267	2045	ALT3	WB	PM	Mainline	0.41	0.53	11.52	1.83	4465	3037	0.0405	0.0374	0.0127	0.0006	0.0059	0.0163	0.0028	0.0014	0.0003	0.0253	0.0526

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
268	2045	ALT3	WB	PM	Mainline	0.08	0.11	2.03	0.33	837	567	0.0078	0.0072	0.0026	0.0001	0.0010	0.0030	0.0006	0.0003	0.0001	0.0050	0.0081
269	2045	ALT3	WB	PM	Mainline	1.79	2.36	54.31	8.18	20249	13721	0.1688	0.1559	0.0563	0.0028	0.0259	0.0713	0.0123	0.0063	0.0013	0.0982	0.2295
270	2045	ALT3	WB	PM	Mainline	0.80	1.07	25.98	3.81	9359	6343	0.0742	0.0685	0.0253	0.0012	0.0125	0.0337	0.0055	0.0030	0.0006	0.0403	0.1164
271	2045	ALT3	WB	PM	Mainline	1.32	1.80	43.93	6.10	15587	10536	0.1156	0.1068	0.0418	0.0020	0.0217	0.0577	0.0090	0.0056	0.0010	0.0533	0.2102
272	2045	ALT3	WB	PM	Mainline	0.85	1.14	27.83	4.05	9949	6753	0.0781	0.0722	0.0266	0.0013	0.0141	0.0372	0.0057	0.0033	0.0006	0.0411	0.1361
273	2045	ALT3	WB	PM	Mainline	0.85	1.13	26.21	3.93	9705	6577	0.0802	0.0741	0.0268	0.0013	0.0125	0.0344	0.0058	0.0031	0.0006	0.0461	0.1125
274	2045	ALT3	WB	PM	Mainline	0.99	1.31	29.06	4.46	11049	7490	0.0948	0.0876	0.0312	0.0015	0.0141	0.0391	0.0068	0.0034	0.0007	0.0565	0.1231
275	2045	ALT3	WB	PM	Mainline	1.83	2.38	47.61	7.39	19042	12848	0.1653	0.1526	0.0576	0.0029	0.0226	0.0654	0.0128	0.0060	0.0013	0.0990	0.1746
276	2045	ALT3	WB	PM	Mainline	0.53	0.69	13.64	2.07	5448	3663	0.0453	0.0418	0.0166	0.0009	0.0062	0.0182	0.0037	0.0017	0.0004	0.0261	0.0454
277	2045	ALT3	WB	PM	Mainline	1.06	1.39	28.30	4.34	11186	7541	0.0948	0.0875	0.0335	0.0017	0.0131	0.0380	0.0074	0.0035	0.0007	0.0557	0.1015
278	2045	ALT3	WB	PM	Mainline	0.57	0.74	15.89	2.42	6131	4140	0.0515	0.0475	0.0178	0.0009	0.0074	0.0210	0.0039	0.0019	0.0004	0.0301	0.0601
279	2045	ALT3	WB	PM	Mainline	1.04	1.39	33.91	4.87	12122	8194	0.0931	0.0860	0.0328	0.0016	0.0157	0.0426	0.0071	0.0040	0.0008	0.0487	0.1432
280	2045	ALT3	WB	PM	Mainline	1.03	1.35	29.27	4.52	11284	7640	0.0974	0.0899	0.0324	0.0016	0.0141	0.0395	0.0071	0.0035	0.0007	0.0583	0.1194
281	2045	ALT3	WB	PM	Mainline	0.73	0.97	23.15	3.39	8400	5685	0.0666	0.0615	0.0229	0.0011	0.0109	0.0296	0.0050	0.0027	0.0005	0.0364	0.0984
282	2045	ALT3	WB	PM	Mainline	1.07	1.41	31.36	4.79	11916	8072	0.1015	0.0937	0.0337	0.0017	0.0151	0.0419	0.0074	0.0037	0.0008	0.0601	0.1305
283	2045	ALT3	WB	PM	Mainline	0.98	1.30	30.22	4.50	11180	7569	0.0915	0.0845	0.0309	0.0015	0.0142	0.0392	0.0068	0.0035	0.0007	0.0522	0.1261
284	2045	ALT3	WB	PM	Mainline	1.21	1.63	39.68	5.72	14195	9603	0.1097	0.1013	0.0383	0.0019	0.0186	0.0504	0.0083	0.0047	0.0009	0.0576	0.1718
285	2045	ALT3	WB	PM	Mainline	0.88	1.16	26.34	3.89	9840	6642	0.0793	0.0732	0.0277	0.0014	0.0119	0.0335	0.0061	0.0031	0.0006	0.0446	0.1003
286	2045	ALT3	WB	PM	Mainline	0.76	1.02	24.29	3.48	8786	5927	0.0675	0.0624	0.0241	0.0012	0.0108	0.0300	0.0053	0.0028	0.0005	0.0358	0.0945
287	2045	ALT3	WB	PM	Mainline	1.40	1.84	40.76	6.00	15404	10374	0.1228	0.1134	0.0442	0.0022	0.0179	0.0514	0.0098	0.0049	0.0010	0.0685	0.1446
288	2045	ALT3	WB	PM	Mainline	0.15	0.20	4.23	0.63	1646	1107	0.0133	0.0123	0.0049	0.0002	0.0019	0.0054	0.0011	0.0005	0.0001	0.0075	0.0141
289	2045	ALT3	WB	PM	Mainline	1.49	1.96	43.23	6.35	16336	10995	0.1293	0.1194	0.0469	0.0024	0.0188	0.0542	0.0104	0.0052	0.0010	0.0716	0.1505
290	2045	ALT3	WB	PM	Ramp	0.06	0.09	2.14	0.25	736	487	0.0045	0.0041	0.0020	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0012	0.0051
291	2045	ALT3	WB	PM	Ramp	0.06	0.09	1.88	0.22	705	467	0.0047	0.0044	0.0020	0.0001	0.0007	0.0021	0.0004	0.0003	0.0000	0.0011	0.0056
292	2045	ALT3	WB	PM	Ramp	0.02	0.03	0.70	0.08	245	162	0.0015	0.0014	0.0007	0.0000	0.0002	0.0007	0.0001	0.0001	0.0000	0.0004	0.0016
293	2045	ALT3	WB	PM	Ramp	0.19	0.28	2.89	0.40	1596	1060	0.0145	0.0134	0.0061	0.0003	0.0037	0.0095	0.0013	0.0011	0.0002	0.0022	0.0394
294	2045	ALT3	WB	PM	Ramp	0.06	0.09	1.67	0.21	688	457	0.0051	0.0047	0.0020	0.0001	0.0008	0.0023	0.0004	0.0003	0.0001	0.0012	0.0065
295	2045	ALT3	WB	PM	Ramp	0.19	0.29	2.88	0.36	1672	1100	0.0154	0.0143	0.0065	0.0003	0.0029	0.0082	0.0014	0.0012	0.0002	0.0015	0.0283
296	2045	ALT3	WB	PM	Ramp	0.07	0.11	1.35	0.21	666	450	0.0059	0.0055	0.0023	0.0001	0.0017	0.0042	0.0005	0.0004	0.0001	0.0017	0.0193
297	2045	ALT3	WB	PM	Ramp	1.67	2.27	33.36	8.32	16512	11867	0.1913	0.1766	0.0500	0.0019	0.0565	0.1271	0.0095	0.0065	0.0014	0.1187	0.6929
298	2045	ALT3	WB	PM	Ramp	0.00	0.01	0.14	0.02	52	34	0.0003	0.0003	0.0001	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0001	0.0004
299	2045	ALT3	WB	PM	Ramp	0.02	0.03	0.76	0.10	270	180	0.0018	0.0017	0.0007	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0006	0.0029
300	2045	ALT3	WB	PM	Ramp	0.45	0.63	14.51	1.74	5263	3493	0.0347	0.0321	0.0146	0.0007	0.0055	0.0163	0.0032	0.0022	0.0004	0.0093	0.0454
301	2045	ALT3	WB	PM	Ramp	0.22	0.32	3.47	0.48	1869	1242	0.0168	0.0155	0.0071	0.0003	0.0043	0.0110	0.0015	0.0012	0.0002	0.0028	0.0459
302	2045	ALT3	WB	PM	Ramp	0.02	0.02	0.49	0.06	178	119	0.0012	0.0011	0.0005	0.0000	0.0002	0.0006	0.0001	0.0001	0.0000	0.0004	0.0019
303	2045	ALT3	WB	PM	Ramp	0.08	0.12	2.07	0.26	887	589	0.0068	0.0063	0.0027	0.0001	0.0011	0.0032	0.0006	0.0005	0.0001	0.0015	0.0096
304	2045	ALT3	WB	PM	Ramp	0.03	0.05	0.95	0.12	383	255	0.0028	0.0026	0.0011	0.0001	0.0005	0.0013	0.0002	0.0002	0.0000	0.0008	0.0041
305	2045	ALT3	WB	PM	Ramp	0.20	0.30	3.59	0.50	1826	1217	0.0159	0.0147	0.0066	0.0003	0.0040	0.0103	0.0014	0.0011	0.0002	0.0031	0.0431
306	2045	ALT3	WB	PM	Ramp	0.03	0.05	0.98	0.11	391	258	0.0027	0.0025	0.0012	0.0001	0.0004	0.0012	0.0003	0.0002	0.0000	0.0005	0.0027
307	2045	ALT3	WB	PM	Ramp																	
308	2045	ALT3	WB	PM	Ramp	0.07	0.11	1.70	0.23	762	510	0.0062	0.0057	0.0024	0.0001	0.0012	0.0033	0.0005	0.0004	0.0001	0.0016	0.0124
309	2045	ALT3	WB	PM	Ramp	0.20	0.29	2.27	0.35	1480	983	0.0152	0.0140	0.0063	0.0003	0.0046	0.0114	0.0013	0.0012	0.0002	0.0020	0.0528
310	2045	ALT3	WB	PM	Ramp	0.43	0.62	10.05	1.46	4474	3014	0.0374	0.0346	0.0140	0.0007	0.0078	0.0204	0.0029	0.0023	0.0004	0.0117	0.0802
311	2045	ALT3	WB	PM	Ramp	0.22	0.33	3.69	0.47	1962	1297	0.0171	0.0159	0.0073	0.0003	0.0037	0.0099	0.0015	0.0013	0.0002	0.0024	0.0368
312	2045	ALT3	WB	PM	Ramp	0.04	0.05	1.07	0.13	417	277	0.0029	0.0027	0.0012	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0007	0.0040
313	2045	ALT3	WB	PM	Ramp	0.36	0.51	11.34	1.39	4194	2790	0.0285	0.0264	0.0117	0.0006	0.0047	0.0136	0.0026	0.0018	0.0003	0.0080	0.0401
314	2045	ALT3	WB	PM	Ramp	0.08	0.11	1.93	0.22	829	546	0.0061	0.0056	0.0026	0.0001	0.0008	0.0026	0.0006	0.0005	0.0001	0.0009	0.0063
315	2045	ALT3	WB	PM	Ramp	0.11	0.16	2.55	0.32	1131	751	0.0088	0.0082	0.0036	0.0002	0.0015	0.0044	0.0008	0.0006	0.0001	0.0018	0.0141

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
316	2045	ALT3	WB	PM	Ramp	0.05	0.08	1.42	0.15	576	378	0.0039	0.0036	0.0017	0.0001	0.0005	0.0015	0.0004	0.0003	0.0000	0.0005	0.0026
317	2045	ALT3	WB	PM	Ramp	0.09	0.13	1.86	0.24	858	571	0.0069	0.0064	0.0028	0.0001	0.0014	0.0038	0.0006	0.0005	0.0001	0.0015	0.0137
318	2045	ALT3	WB	PM	Ramp	0.06	0.09	1.79	0.19	725	475	0.0049	0.0046	0.0022	0.0001	0.0006	0.0020	0.0005	0.0004	0.0001	0.0006	0.0035
319	2045	ALT3	WB	PM	Ramp	0.12	0.17	2.83	0.34	1241	822	0.0095	0.0088	0.0039	0.0002	0.0015	0.0045	0.0008	0.0007	0.0001	0.0018	0.0132
320	2045	ALT3	WB	PM	Ramp	0.09	0.13	1.90	0.22	895	589	0.0070	0.0065	0.0030	0.0001	0.0011	0.0034	0.0006	0.0005	0.0001	0.0010	0.0099
321	2045	ALT3	WB	PM	Ramp	0.09	0.14	2.07	0.26	948	628	0.0075	0.0069	0.0031	0.0002	0.0014	0.0039	0.0007	0.0005	0.0001	0.0014	0.0130
322	2045	ALT3	WB	PM	Ramp	0.10	0.15	1.52	0.21	842	560	0.0077	0.0071	0.0033	0.0002	0.0020	0.0052	0.0007	0.0006	0.0001	0.0012	0.0222
323	2045	ALT3	WB	PM	Ramp	0.16	0.23	4.97	0.63	1881	1255	0.0133	0.0123	0.0053	0.0003	0.0023	0.0065	0.0012	0.0008	0.0001	0.0040	0.0207
324	2045	ALT3	WB	PM	Ramp	0.06	0.09	1.77	0.22	693	461	0.0050	0.0046	0.0020	0.0001	0.0008	0.0023	0.0004	0.0003	0.0001	0.0013	0.0069
325	2045	ALT3	WB	PM	Ramp	0.24	0.35	5.25	0.71	2400	1602	0.0196	0.0181	0.0078	0.0004	0.0041	0.0108	0.0017	0.0013	0.0002	0.0047	0.0408
326	2045	ALT3	WB	PM	Ramp	0.12	0.18	2.98	0.34	1306	859	0.0097	0.0090	0.0041	0.0002	0.0014	0.0043	0.0009	0.0007	0.0001	0.0014	0.0105
327	2045	ALT3	WB	PM	Ramp	0.14	0.21	2.84	0.40	1365	915	0.0116	0.0108	0.0047	0.0002	0.0029	0.0073	0.0010	0.0008	0.0001	0.0029	0.0307
328	2045	ALT3	WB	PM	Ramp	0.05	0.07	1.48	0.17	562	371	0.0037	0.0034	0.0016	0.0001	0.0005	0.0016	0.0004	0.0003	0.0000	0.0007	0.0037
329	2045	ALT3	WB	PM	Ramp	0.09	0.14	2.24	0.28	983	652	0.0075	0.0070	0.0031	0.0002	0.0012	0.0036	0.0007	0.0005	0.0001	0.0015	0.0110
330	2045	ALT3	WB	PM	Ramp	0.04	0.06	1.21	0.14	459	304	0.0031	0.0029	0.0013	0.0001	0.0005	0.0014	0.0003	0.0002	0.0000	0.0007	0.0038
331	2045	ALT3	WB	PM	Ramp	0.11	0.15	3.26	0.43	1222	819	0.0088	0.0081	0.0034	0.0002	0.0016	0.0044	0.0007	0.0005	0.0001	0.0029	0.0148
332	2045	ALT3	WB	PM	Ramp	0.06	0.08	1.87	0.24	664	445	0.0046	0.0043	0.0018	0.0001	0.0008	0.0023	0.0004	0.0003	0.0000	0.0017	0.0076
333	2045	ALT3	WB	PM	Ramp	0.09	0.12	2.66	0.37	999	674	0.0075	0.0069	0.0028	0.0001	0.0015	0.0039	0.0006	0.0004	0.0001	0.0029	0.0143
334	2045	ALT3	WB	PM	Ramp	0.05	0.08	1.65	0.24	623	423	0.0049	0.0045	0.0017	0.0001	0.0010	0.0026	0.0004	0.0002	0.0000	0.0021	0.0103
335	2045	ALT3	WB	PM	Ramp	0.14	0.19	4.01	0.56	1547	1044	0.0119	0.0110	0.0044	0.0002	0.0023	0.0062	0.0009	0.0007	0.0001	0.0045	0.0233
336	2045	ALT3	WB	PM	Ramp	0.12	0.17	3.11	0.58	1315	917	0.0126	0.0116	0.0038	0.0002	0.0032	0.0075	0.0008	0.0005	0.0001	0.0069	0.0368
337	2045	ALT3	WB	PM	Ramp	0.08	0.11	2.15	0.29	881	592	0.0069	0.0064	0.0026	0.0001	0.0013	0.0034	0.0006	0.0004	0.0001	0.0022	0.0122
338	2045	ALT3	WB	PM	Ramp	0.05	0.08	1.60	0.23	614	416	0.0048	0.0044	0.0017	0.0001	0.0010	0.0025	0.0004	0.0003	0.0000	0.0020	0.0099
339	2045	ALT3	WB	PM	Ramp	0.17	0.23	5.33	0.88	1982	1368	0.0181	0.0167	0.0053	0.0002	0.0035	0.0087	0.0011	0.0006	0.0001	0.0111	0.0368
340	2045	ALT3	WB	PM	Ramp	0.47	0.67	14.88	1.95	5516	3698	0.0395	0.0365	0.0153	0.0008	0.0072	0.0198	0.0033	0.0023	0.0004	0.0136	0.0677
341	2045	ALT3	WB	PM	Ramp	0.66	0.97	17.40	2.15	7301	4845	0.0545	0.0505	0.0220	0.0011	0.0082	0.0244	0.0048	0.0037	0.0006	0.0122	0.0686
342	2045	ALT3	WB	PM	Ramp	0.06	0.09	1.61	0.30	680	474	0.0065	0.0060	0.0019	0.0001	0.0016	0.0039	0.0004	0.0003	0.0001	0.0035	0.0189
343	2045	ALT3	WB	PM	Ramp	0.17	0.24	2.35	0.35	1345	897	0.0127	0.0118	0.0054	0.0002	0.0038	0.0093	0.0011	0.0009	0.0001	0.0022	0.0423
344	2045	ALT3	WB	PM	Ramp	0.06	0.08	1.62	0.27	668	459	0.0059	0.0054	0.0019	0.0001	0.0013	0.0033	0.0004	0.0003	0.0001	0.0027	0.0149
345	2045	ALT3	WB	PM	Ramp	0.06	0.09	1.02	0.14	538	357	0.0047	0.0044	0.0020	0.0001	0.0011	0.0030	0.0004	0.0003	0.0001	0.0008	0.0121
346	2045	ALT3	WB	PM	Ramp	0.10	0.15	1.85	0.23	937	620	0.0079	0.0074	0.0033	0.0002	0.0016	0.0044	0.0007	0.0006	0.0001	0.0012	0.0161
347	2045	ALT3	WB	PM	Ramp	0.06	0.09	1.41	0.18	640	425	0.0050	0.0047	0.0021	0.0001	0.0009	0.0026	0.0004	0.0004	0.0001	0.0010	0.0084
348	2045	ALT3	WB	PM	Ramp	0.36	0.51	9.85	1.60	4014	2754	0.0347	0.0321	0.0115	0.0005	0.0079	0.0196	0.0024	0.0017	0.0003	0.0161	0.0866
349	2045	ALT3	WB	PM	Ramp	0.16	0.23	3.77	0.43	1667	1096	0.0124	0.0115	0.0053	0.0003	0.0017	0.0055	0.0012	0.0009	0.0001	0.0017	0.0134
350	2045	ALT3	WB	PM	Ramp	0.14	0.19	4.47	0.52	1617	1070	0.0104	0.0096	0.0045	0.0002	0.0016	0.0048	0.0010	0.0007	0.0001	0.0025	0.0122
351	2045	ALT3	WB	PM	Ramp	0.08	0.11	1.37	0.22	680	461	0.0062	0.0057	0.0024	0.0001	0.0019	0.0046	0.0005	0.0004	0.0001	0.0019	0.0222
352	2045	ALT3	WB	PM	Ramp	0.06	0.09	1.42	0.18	621	413	0.0048	0.0045	0.0019	0.0001	0.0008	0.0023	0.0004	0.0003	0.0001	0.0011	0.0075
353	2045	ALT3	WB	PM	Ramp	0.19	0.28	4.96	0.58	2094	1381	0.0153	0.0141	0.0064	0.0003	0.0021	0.0066	0.0014	0.0011	0.0002	0.0027	0.0162
354	2045	ALT3	WB	PM	Ramp	0.22	0.32	4.57	0.58	2167	1438	0.0176	0.0163	0.0073	0.0004	0.0035	0.0097	0.0016	0.0013	0.0002	0.0033	0.0348
355	2045	ALT3	WB	PM	Ramp	0.17	0.26	2.82	0.36	1534	1013	0.0136	0.0126	0.0058	0.0003	0.0028	0.0077	0.0012	0.0010	0.0002	0.0017	0.0279
356	2045	ALT3	WB	PM	Ramp	0.08	0.11	1.66	0.20	763	503	0.0059	0.0055	0.0025	0.0001	0.0010	0.0029	0.0005	0.0004	0.0001	0.0009	0.0084
357	2045	ALT3	WB	PM	Ramp	0.22	0.32	4.02	0.50	2034	1343	0.0171	0.0158	0.0072	0.0004	0.0033	0.0092	0.0015	0.0013	0.0002	0.0024	0.0316
358	2045	ALT3	WB	PM	Ramp	0.25	0.37	2.60	0.48	1718	1158	0.0183	0.0170	0.0079	0.0003	0.0081	0.0185	0.0015	0.0013	0.0002	0.0035	0.0983
359	2045	ALT3	WB	PM	Ramp	0.10	0.15	1.99	0.24	979	646	0.0080	0.0074	0.0034	0.0002	0.0015	0.0042	0.0007	0.0006	0.0001	0.0011	0.0139
360	2045	ALT3	WB	PM	Ramp	0.20	0.29	2.28	0.38	1439	965	0.0148	0.0137	0.0063	0.0003	0.0056	0.0132	0.0012	0.0011	0.0002	0.0027	0.0671
361	2045	ALT3	WB	PM	Ramp	0.10	0.15	1.62	0.22	892	591	0.0080	0.0074	0.0034	0.0002	0.0019	0.0050	0.0007	0.0006	0.0001	0.0012	0.0201
362	2045	ALT3	WB	PM	Ramp	0.20	0.30	3.11	0.44	1704	1135	0.0156	0.0144	0.0066	0.0003	0.0043	0.0109	0.0014	0.0011	0.0002	0.0028	0.0477
363	2045	ALT3	WB	PM	Ramp	0.15	0.22	3.01	0.35	1454	955	0.0116	0.0107	0.0049	0.0002	0.0018	0.0054	0.0011	0.0009	0.0001	0.0014	0.0151

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
364	2045	ALT3	WB	PM	HOV																	
365	2045	ALT3	WB	PM	HOV																	
366	2045	ALT3	WB	PM	HOT	0.15	0.20	4.07	0.47	1534	998	0.0065	0.0061	0.0049	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0012
367	2045	ALT3	WB	PM	HOT	0.23	0.30	6.11	0.71	2306	1499	0.0098	0.0091	0.0074	0.0004	0.0015	0.0057	0.0017	0.0008	0.0001	0.0009	0.0018
368	2045	ALT3	WB	PM	HOT	0.12	0.15	3.10	0.36	1168	759	0.0050	0.0046	0.0038	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0005	0.0009
369	2045	ALT3	WB	PM	HOT	0.11	0.15	2.93	0.34	1107	720	0.0047	0.0044	0.0036	0.0002	0.0007	0.0027	0.0008	0.0004	0.0001	0.0004	0.0009
370	2045	ALT3	WB	PM	HOT	0.12	0.15	3.06	0.35	1154	750	0.0049	0.0046	0.0037	0.0002	0.0007	0.0028	0.0009	0.0004	0.0001	0.0005	0.0009
371	2045	ALT3	WB	PM	HOT	0.05	0.07	1.41	0.16	531	345	0.0023	0.0021	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0004
372	2045	ALT3	WB	PM	HOT	0.08	0.11	2.17	0.25	821	534	0.0035	0.0032	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0006
373	2045	ALT3	WB	PM	HOT	0.05	0.07	1.42	0.17	537	349	0.0023	0.0021	0.0017	0.0001	0.0003	0.0013	0.0004	0.0002	0.0000	0.0002	0.0004
374	2045	ALT3	WB	PM	HOT	0.24	0.32	6.39	0.74	2412	1568	0.0103	0.0095	0.0078	0.0004	0.0015	0.0060	0.0018	0.0008	0.0001	0.0010	0.0019
375	2045	ALT3	WB	PM	HOT	0.08	0.11	2.13	0.25	804	523	0.0034	0.0032	0.0026	0.0001	0.0005	0.0020	0.0006	0.0003	0.0000	0.0003	0.0006
376	2045	ALT3	WB	PM	HOT	0.04	0.05	0.99	0.12	374	243	0.0016	0.0015	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0003
377	2045	ALT3	WB	PM	HOT	0.59	0.77	15.28	1.78	5819	3783	0.0248	0.0230	0.0189	0.0010	0.0037	0.0145	0.0043	0.0020	0.0003	0.0024	0.0044
378	2045	ALT3	WB	PM	HOT	0.13	0.17	3.41	0.40	1299	845	0.0055	0.0051	0.0042	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0010
379	2045	ALT3	WB	PM	HOT	0.19	0.24	5.28	0.61	1931	1255	0.0082	0.0076	0.0060	0.0003	0.0012	0.0046	0.0014	0.0007	0.0001	0.0008	0.0015
380	2045	ALT3	WB	PM	HOT	0.17	0.23	4.90	0.56	1794	1167	0.0076	0.0071	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0014
381	2045	ALT3	WB	PM	HOT	0.63	0.83	17.97	2.06	6574	4274	0.0280	0.0260	0.0204	0.0011	0.0040	0.0156	0.0047	0.0022	0.0003	0.0026	0.0053
382	2045	ALT3	WB	PM	HOT	0.09	0.12	2.64	0.30	968	629	0.0041	0.0038	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0004	0.0008
383	2045	ALT3	WB	PM	HOT	0.40	0.52	11.29	1.30	4129	2685	0.0176	0.0163	0.0128	0.0007	0.0025	0.0098	0.0029	0.0014	0.0002	0.0016	0.0033
384	2045	ALT3	WB	PM	HOT	0.24	0.31	6.68	0.77	2446	1590	0.0104	0.0097	0.0076	0.0004	0.0015	0.0058	0.0017	0.0008	0.0001	0.0010	0.0020
385	2045	ALT3	WB	PM	HOT	0.59	0.77	16.66	1.91	6097	3964	0.0260	0.0241	0.0189	0.0010	0.0037	0.0145	0.0043	0.0021	0.0003	0.0024	0.0049
386	2045	ALT3	WB	PM	HOT	0.17	0.23	4.96	0.57	1816	1181	0.0077	0.0072	0.0056	0.0003	0.0011	0.0043	0.0013	0.0006	0.0001	0.0007	0.0015
387	2045	ALT3	WB	PM	HOT	0.15	0.20	4.34	0.50	1588	1032	0.0068	0.0063	0.0049	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0013
388	2045	ALT3	WB	PM	HOT	0.15	0.20	4.39	0.50	1608	1045	0.0069	0.0064	0.0050	0.0003	0.0010	0.0038	0.0011	0.0005	0.0001	0.0006	0.0013
389	2045	ALT3	WB	PM	HOT	0.61	0.80	17.23	1.98	6303	4098	0.0269	0.0249	0.0195	0.0011	0.0039	0.0150	0.0045	0.0022	0.0003	0.0025	0.0051
390	2045	ALT3	WB	PM	HOT	0.04	0.05	1.05	0.12	386	251	0.0016	0.0015	0.0012	0.0001	0.0002	0.0009	0.0003	0.0001	0.0000	0.0002	0.0003
391	2045	ALT3	WB	PM	HOT	0.50	0.66	13.98	1.61	5161	3355	0.0220	0.0204	0.0162	0.0009	0.0032	0.0124	0.0037	0.0018	0.0003	0.0021	0.0041
392	2045	ALT3	WB	PM	HOT	0.07	0.09	1.99	0.23	734	477	0.0031	0.0029	0.0023	0.0001	0.0005	0.0018	0.0005	0.0003	0.0000	0.0003	0.0006
393	2045	ALT3	WB	PM	HOT	0.47	0.62	13.18	1.52	4866	3164	0.0208	0.0192	0.0153	0.0008	0.0030	0.0117	0.0035	0.0017	0.0002	0.0020	0.0039
394	2045	ALT3	WB	PM	HOT	0.34	0.44	9.40	1.08	3470	2256	0.0148	0.0137	0.0109	0.0006	0.0021	0.0083	0.0025	0.0012	0.0002	0.0014	0.0028
395	2045	ALT3	WB	PM	HOT	0.48	0.63	13.42	1.55	4953	3221	0.0211	0.0196	0.0155	0.0008	0.0031	0.0119	0.0036	0.0017	0.0002	0.0020	0.0039
396	2045	ALT3	WB	PM	HOT	0.14	0.18	3.84	0.44	1418	922	0.0060	0.0056	0.0044	0.0002	0.0009	0.0034	0.0010	0.0005	0.0001	0.0006	0.0011
397	2045	ALT3	WB	PM	HOT	0.48	0.63	13.32	1.53	4916	3196	0.0210	0.0194	0.0154	0.0008	0.0030	0.0118	0.0035	0.0017	0.0002	0.0020	0.0039
398	2045	ALT3	WB	PM	HOT	0.69	0.91	19.24	2.22	7103	4618	0.0303	0.0281	0.0223	0.0012	0.0044	0.0171	0.0051	0.0024	0.0004	0.0028	0.0056
399	2045	ALT3	WB	PM	HOT	0.59	0.78	16.40	1.89	6052	3935	0.0258	0.0239	0.0190	0.0010	0.0037	0.0145	0.0044	0.0021	0.0003	0.0024	0.0048
400	2045	ALT3	WB	PM	HOT	0.43	0.56	11.82	1.36	4364	2838	0.0186	0.0172	0.0137	0.0007	0.0027	0.0105	0.0031	0.0015	0.0002	0.0017	0.0035
401	2045	ALT3	WB	PM	HOT	0.30	0.40	8.47	0.98	3125	2032	0.0133	0.0124	0.0098	0.0005	0.0019	0.0075	0.0022	0.0011	0.0002	0.0013	0.0025
402	2045	ALT3	WB	PM	HOT	0.29	0.39	8.16	0.94	3013	1959	0.0128	0.0119	0.0094	0.0005	0.0019	0.0072	0.0022	0.0010	0.0002	0.0012	0.0024
403	2045	ALT3	WB	PM	HOT	0.55	0.73	15.30	1.76	5665	3683	0.0242	0.0224	0.0178	0.0010	0.0035	0.0137	0.0041	0.0019	0.0003	0.0023	0.0045
404	2045	ALT3	WB	PM	HOT	0.31	0.41	8.64	1.00	3200	2080	0.0136	0.0126	0.0101	0.0005	0.0020	0.0077	0.0023	0.0011	0.0002	0.0013	0.0025
405	2045	ALT3	WB	PM	HOT	0.43	0.57	11.96	1.38	4426	2878	0.0189	0.0175	0.0139	0.0008	0.0027	0.0107	0.0032	0.0015	0.0002	0.0018	0.0035
406	2045	ALT3	WB	PM	HOT	0.34	0.44	9.28	1.07	3434	2233	0.0146	0.0136	0.0108	0.0006	0.0021	0.0083	0.0025	0.0012	0.0002	0.0014	0.0027
407	2045	ALT3	WB	PM	HOT	0.51	0.67	13.99	1.61	5177	3366	0.0221	0.0205	0.0163	0.0009	0.0032	0.0125	0.0037	0.0018	0.0003	0.0021	0.0041
408	2045	ALT3	WB	PM	HOT	0.32	0.42	8.75	1.01	3238	2105	0.0138	0.0128	0.0102	0.0005	0.0020	0.0078	0.0023	0.0011	0.0002	0.0013	0.0026
409	2045	ALT3	WB	PM	HOT	0.44	0.58	12.21	1.41	4519	2938	0.0193	0.0179	0.0142	0.0008	0.0028	0.0109	0.0033	0.0015	0.0002	0.0018	0.0036
410	2045	ALT3	WB	PM	HOT	1.09	1.45	32.01	3.66	11565	7519	0.0493	0.0457	0.0353	0.0019	0.0070	0.0271	0.0081	0.0040	0.0006	0.0046	0.0094
411	2045	ALT3	WB	PM	HOT	0.59	0.77	17.14	1.96	6193	4027	0.0264	0.0245	0.0189	0.0010	0.0037	0.0145	0.0043	0.0021	0.0003	0.0024	0.0050

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
412	2045	ALT3	WB	PM	HOT	0.22	0.30	6.57	0.75	2374	1543	0.0101	0.0094	0.0072	0.0004	0.0014	0.0056	0.0017	0.0008	0.0001	0.0009	0.0019
413	2045	ALT3	WB	PM	HOT	0.11	0.15	3.36	0.38	1214	789	0.0052	0.0048	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0010
414	2045	ALT3	WB	PM	HOT	0.49	0.65	14.32	1.64	5174	3364	0.0220	0.0204	0.0158	0.0009	0.0031	0.0121	0.0036	0.0018	0.0003	0.0020	0.0042
415	2045	ALT3	WB	PM	HOT	0.11	0.15	3.36	0.38	1213	789	0.0052	0.0048	0.0037	0.0002	0.0007	0.0028	0.0008	0.0004	0.0001	0.0005	0.0010
416	2045	ALT3	WB	PM	HOT	0.02	0.02	0.52	0.06	189	123	0.0008	0.0007	0.0006	0.0000	0.0001	0.0004	0.0001	0.0001	0.0000	0.0001	0.0002
417	2045	ALT3	WB	PM	HOT	0.50	0.66	14.65	1.67	5294	3442	0.0226	0.0209	0.0162	0.0009	0.0032	0.0124	0.0037	0.0018	0.0003	0.0021	0.0043
418	2045	ALT3	WB	PM	HOT	0.22	0.28	6.30	0.72	2276	1480	0.0097	0.0090	0.0069	0.0004	0.0014	0.0053	0.0016	0.0008	0.0001	0.0009	0.0019
419	2045	ALT3	WB	PM	HOT	0.36	0.47	10.38	1.19	3751	2439	0.0160	0.0148	0.0114	0.0006	0.0023	0.0088	0.0026	0.0013	0.0002	0.0015	0.0031
420	2045	ALT3	WB	PM	HOT	0.34	0.45	10.18	1.16	3648	2372	0.0156	0.0144	0.0110	0.0006	0.0022	0.0085	0.0025	0.0012	0.0002	0.0014	0.0030
421	2045	ALT3	WB	PM	HOT	0.32	0.43	9.64	1.09	3454	2246	0.0147	0.0136	0.0105	0.0006	0.0021	0.0080	0.0024	0.0012	0.0002	0.0014	0.0028
422	2045	ALT3	WB	PM	HOT	0.38	0.51	11.44	1.30	4100	2666	0.0175	0.0162	0.0124	0.0007	0.0024	0.0095	0.0028	0.0014	0.0002	0.0016	0.0034
423	2045	ALT3	WB	PM	HOT	0.74	0.98	22.06	2.50	7905	5140	0.0337	0.0312	0.0239	0.0013	0.0047	0.0184	0.0055	0.0027	0.0004	0.0031	0.0065
424	2045	ALT3	WB	PM	HOT	0.18	0.24	5.40	0.61	1933	1257	0.0082	0.0076	0.0058	0.0003	0.0012	0.0045	0.0013	0.0007	0.0001	0.0008	0.0016
425	2045	ALT3	WB	PM	HOT	0.43	0.57	12.75	1.45	4569	2971	0.0195	0.0181	0.0138	0.0007	0.0027	0.0106	0.0032	0.0016	0.0002	0.0018	0.0038
426	2045	ALT3	WB	PM	HOT	0.23	0.30	6.71	0.76	2404	1563	0.0103	0.0095	0.0073	0.0004	0.0014	0.0056	0.0017	0.0008	0.0001	0.0009	0.0020
427	2045	ALT3	WB	PM	HOT	0.43	0.57	12.83	1.46	4598	2989	0.0196	0.0182	0.0139	0.0007	0.0027	0.0107	0.0032	0.0016	0.0002	0.0018	0.0038
428	2045	ALT3	WB	PM	HOT	0.46	0.61	13.70	1.56	4909	3192	0.0209	0.0194	0.0149	0.0008	0.0029	0.0114	0.0034	0.0017	0.0002	0.0019	0.0040
429	2045	ALT3	WB	PM	HOT	0.31	0.41	9.14	1.04	3274	2128	0.0140	0.0129	0.0099	0.0005	0.0020	0.0076	0.0023	0.0011	0.0002	0.0013	0.0027
430	2045	ALT3	WB	PM	HOT	0.43	0.58	14.62	1.58	4935	3209	0.0213	0.0198	0.0140	0.0007	0.0028	0.0108	0.0032	0.0017	0.0002	0.0018	0.0044
431	2045	ALT3	WB	PM	HOT	0.39	0.52	13.18	1.43	4449	2892	0.0192	0.0178	0.0126	0.0007	0.0025	0.0097	0.0029	0.0016	0.0002	0.0016	0.0040
432	2045	ALT3	WB	PM	HOT	0.46	0.62	15.52	1.68	5240	3406	0.0227	0.0210	0.0149	0.0008	0.0029	0.0114	0.0034	0.0018	0.0003	0.0019	0.0047
433	2045	ALT3	WB	PM	HOT	0.35	0.48	11.99	1.30	4048	2632	0.0175	0.0162	0.0115	0.0006	0.0023	0.0088	0.0026	0.0014	0.0002	0.0015	0.0036
434	2045	ALT3	WB	PM	HOT	0.30	0.40	10.08	1.09	3403	2212	0.0147	0.0136	0.0097	0.0005	0.0019	0.0074	0.0022	0.0012	0.0002	0.0012	0.0031
435	2045	ALT3	WB	PM	HOT	0.57	0.77	19.34	2.09	6528	4244	0.0282	0.0262	0.0186	0.0010	0.0036	0.0142	0.0042	0.0023	0.0003	0.0024	0.0059
436	2045	ALT3	WB	PM	HOT	0.05	0.07	1.85	0.20	626	407	0.0027	0.0025	0.0018	0.0001	0.0003	0.0014	0.0004	0.0002	0.0000	0.0002	0.0006
437	2045	ALT3	WB	PM	HOT	0.61	0.82	20.58	2.23	6944	4515	0.0300	0.0278	0.0197	0.0011	0.0039	0.0152	0.0045	0.0024	0.0003	0.0025	0.0062
216	2045	ALT3	WB	NT	Mainline	1.02	1.25	17.77	8.53	11388	8959	0.3815	0.3512	0.0285	0.0010	0.0397	0.0864	0.0052	0.0022	0.0018	0.3614	0.4944
217	2045	ALT3	WB	NT	Mainline	1.90	2.32	32.79	16.47	21471	17003	0.7408	0.6819	0.0528	0.0018	0.0774	0.1672	0.0095	0.0041	0.0035	0.7046	0.9691
218	2045	ALT3	WB	NT	Mainline	1.40	1.73	25.42	10.70	15321	11826	0.4644	0.4275	0.0400	0.0015	0.0488	0.1082	0.0076	0.0032	0.0022	0.4338	0.5942
219	2045	ALT3	WB	NT	Mainline	2.03	2.50	36.76	15.88	22374	17346	0.6848	0.6303	0.0576	0.0021	0.0734	0.1615	0.0108	0.0046	0.0033	0.6413	0.8994
220	2045	ALT3	WB	NT	Mainline	1.16	1.44	21.59	8.39	12546	9575	0.3546	0.3265	0.0335	0.0013	0.0379	0.0849	0.0065	0.0028	0.0017	0.3279	0.4544
221	2045	ALT3	WB	NT	Mainline	1.04	1.29	19.17	7.78	11340	8712	0.3304	0.3042	0.0298	0.0011	0.0355	0.0790	0.0057	0.0024	0.0016	0.3071	0.4306
222	2045	ALT3	WB	NT	Mainline	1.19	1.48	22.33	8.38	12785	9709	0.3508	0.3229	0.0345	0.0014	0.0376	0.0848	0.0067	0.0029	0.0017	0.3228	0.4482
223	2045	ALT3	WB	NT	Mainline	0.56	0.70	10.59	3.92	6025	4566	0.1631	0.1502	0.0163	0.0007	0.0175	0.0396	0.0032	0.0014	0.0008	0.1498	0.2083
224	2045	ALT3	WB	NT	Mainline	0.75	0.93	13.96	5.51	8158	6243	0.2326	0.2141	0.0216	0.0008	0.0250	0.0559	0.0042	0.0018	0.0011	0.2155	0.3017
225	2045	ALT3	WB	NT	Mainline	0.48	0.60	8.91	3.59	5253	4031	0.1522	0.1402	0.0138	0.0005	0.0163	0.0364	0.0027	0.0011	0.0007	0.1414	0.1977
226	2045	ALT3	WB	NT	Mainline	2.15	2.66	39.19	16.07	23339	17947	0.6919	0.6369	0.0614	0.0024	0.0731	0.1625	0.0118	0.0050	0.0034	0.6442	0.8851
227	2045	ALT3	WB	NT	Mainline	0.78	0.97	14.57	5.51	8389	6375	0.2332	0.2147	0.0227	0.0009	0.0247	0.0556	0.0044	0.0019	0.0012	0.2149	0.2937
228	2045	ALT3	WB	NT	Mainline	0.45	0.57	8.68	2.89	4745	3540	0.1178	0.1084	0.0133	0.0006	0.0126	0.0291	0.0027	0.0011	0.0006	0.1064	0.1454
229	2045	ALT3	WB	NT	Mainline	2.90	3.61	54.71	19.83	30881	23331	0.8228	0.7575	0.0843	0.0034	0.0884	0.2004	0.0166	0.0071	0.0041	0.7533	1.0441
230	2045	ALT3	WB	NT	Mainline	0.71	0.89	13.50	4.68	7494	5624	0.1925	0.1773	0.0208	0.0009	0.0206	0.0472	0.0041	0.0018	0.0010	0.1751	0.2409
231	2045	ALT3	WB	NT	Mainline	0.77	0.95	14.44	5.25	8159	6167	0.2178	0.2005	0.0222	0.0009	0.0234	0.0530	0.0044	0.0019	0.0011	0.1995	0.2768
232	2045	ALT3	WB	NT	Mainline	0.81	1.01	15.39	5.22	8458	6328	0.2127	0.1958	0.0236	0.0010	0.0229	0.0526	0.0047	0.0020	0.0011	0.1927	0.2657
233	2045	ALT3	WB	NT	Mainline	2.75	3.43	53.33	18.62	29454	22162	0.7456	0.6865	0.0800	0.0033	0.0832	0.1890	0.0158	0.0068	0.0037	0.6780	0.9821
234	2045	ALT3	WB	NT	Mainline	0.45	0.57	8.84	2.88	4760	3545	0.1141	0.1050	0.0133	0.0006	0.0126	0.0291	0.0027	0.0011	0.0006	0.1026	0.1462
235	2045	ALT3	WB	NT	Mainline	1.80	2.25	35.42	11.88	19219	14378	0.4679	0.4308	0.0527	0.0022	0.0526	0.1204	0.0105	0.0045	0.0024	0.4225	0.6158
236	2045	ALT3	WB	NT	Mainline	1.14	1.43	22.35	7.34	12072	8998	0.2909	0.2679	0.0336	0.0014	0.0322	0.0742	0.0067	0.0029	0.0015	0.2619	0.3733
237	2045	ALT3	WB	NT	Mainline	1.75	2.17	32.46	12.71	18908	14451	0.5352	0.4927	0.0502	0.0020	0.0577	0.1289	0.0097	0.0041	0.0026	0.4952	0.6943

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
238	2045	ALT3	WB	NT	Mainline	0.55	0.69	10.40	3.90	5943	4516	0.1621	0.1493	0.0160	0.0006	0.0176	0.0396	0.0031	0.0013	0.0008	0.1492	0.2100
239	2045	ALT3	WB	NT	Mainline	0.49	0.61	9.20	3.43	5242	3979	0.1421	0.1309	0.0141	0.0006	0.0154	0.0348	0.0028	0.0012	0.0007	0.1306	0.1840
240	2045	ALT3	WB	NT	Mainline	0.60	0.75	11.59	3.85	6306	4707	0.1548	0.1425	0.0176	0.0007	0.0169	0.0389	0.0035	0.0015	0.0008	0.1397	0.1959
241	2045	ALT3	WB	NT	Mainline	2.25	2.81	43.37	14.85	23854	17883	0.5997	0.5522	0.0658	0.0027	0.0657	0.1501	0.0131	0.0056	0.0030	0.5440	0.7675
242	2045	ALT3	WB	NT	Mainline	0.15	0.19	2.89	0.97	1582	1182	0.0394	0.0363	0.0044	0.0002	0.0043	0.0098	0.0009	0.0004	0.0002	0.0356	0.0496
243	2045	ALT3	WB	NT	Mainline	1.86	2.32	35.42	12.61	19804	14930	0.5161	0.4752	0.0541	0.0022	0.0562	0.1276	0.0107	0.0046	0.0026	0.4711	0.6629
244	2045	ALT3	WB	NT	Mainline	0.28	0.35	5.32	1.85	2949	2214	0.0755	0.0695	0.0081	0.0003	0.0082	0.0186	0.0016	0.0007	0.0004	0.0687	0.0954
245	2045	ALT3	WB	NT	Mainline	1.79	2.23	34.16	12.10	19058	14358	0.4943	0.4551	0.0521	0.0021	0.0539	0.1225	0.0103	0.0044	0.0025	0.4508	0.6352
246	2045	ALT3	WB	NT	Mainline	1.35	1.68	25.82	8.86	14241	10674	0.3607	0.3321	0.0395	0.0016	0.0390	0.0894	0.0079	0.0034	0.0018	0.3273	0.4553
247	2045	ALT3	WB	NT	Mainline	1.79	2.23	33.94	12.27	19093	14425	0.5042	0.4642	0.0519	0.0021	0.0548	0.1242	0.0102	0.0044	0.0025	0.4613	0.6491
248	2045	ALT3	WB	NT	Mainline	0.55	0.68	10.42	3.61	5774	4335	0.1477	0.1360	0.0160	0.0007	0.0160	0.0365	0.0032	0.0014	0.0007	0.1343	0.1867
249	2045	ALT3	WB	NT	Mainline	1.73	2.15	32.39	11.94	18425	13953	0.4994	0.4597	0.0501	0.0020	0.0533	0.1206	0.0098	0.0042	0.0025	0.4584	0.6317
250	2045	ALT3	WB	NT	Mainline	2.77	3.45	52.76	18.35	29267	21981	0.7506	0.6911	0.0808	0.0033	0.0811	0.1853	0.0160	0.0068	0.0038	0.6828	0.9496
251	2045	ALT3	WB	NT	Mainline	2.20	2.74	41.77	15.17	23545	17802	0.6243	0.5748	0.0639	0.0026	0.0679	0.1536	0.0125	0.0054	0.0031	0.5716	0.8046
252	2045	ALT3	WB	NT	Mainline	1.73	2.16	33.04	11.49	18326	13764	0.4698	0.4326	0.0506	0.0021	0.0508	0.1160	0.0100	0.0043	0.0024	0.4273	0.5948
253	2045	ALT3	WB	NT	Mainline	1.24	1.55	23.66	8.23	13125	9857	0.3365	0.3098	0.0362	0.0015	0.0364	0.0831	0.0072	0.0031	0.0017	0.3060	0.4260
254	2045	ALT3	WB	NT	Mainline	1.20	1.49	22.81	7.93	12652	9502	0.3243	0.2986	0.0349	0.0014	0.0351	0.0801	0.0069	0.0030	0.0016	0.2950	0.4107
255	2045	ALT3	WB	NT	Mainline	2.11	2.62	39.60	14.98	22709	17271	0.6234	0.5739	0.0609	0.0024	0.0676	0.1519	0.0118	0.0051	0.0031	0.5741	0.8082
256	2045	ALT3	WB	NT	Mainline	1.27	1.58	23.96	8.70	13528	10225	0.3606	0.3320	0.0368	0.0015	0.0388	0.0880	0.0073	0.0031	0.0018	0.3302	0.4591
257	2045	ALT3	WB	NT	Mainline	1.63	2.03	30.65	11.67	17628	13419	0.4867	0.4481	0.0471	0.0019	0.0527	0.1183	0.0092	0.0039	0.0024	0.4486	0.6312
258	2045	ALT3	WB	NT	Mainline	1.41	1.75	26.48	9.56	14947	11283	0.3987	0.3671	0.0410	0.0017	0.0425	0.0965	0.0081	0.0034	0.0020	0.3649	0.5005
259	2045	ALT3	WB	NT	Mainline	2.04	2.53	38.03	14.08	21690	16432	0.5916	0.5446	0.0590	0.0024	0.0628	0.1421	0.0116	0.0049	0.0029	0.5435	0.7443
260	2045	ALT3	WB	NT	Mainline	1.37	1.70	25.77	9.24	14497	10932	0.3841	0.3536	0.0398	0.0016	0.0410	0.0932	0.0079	0.0033	0.0019	0.3511	0.4820
261	2045	ALT3	WB	NT	Mainline	1.74	2.16	32.48	12.14	18574	14094	0.5088	0.4684	0.0503	0.0020	0.0544	0.1227	0.0098	0.0042	0.0025	0.4679	0.6465
262	2045	ALT3	WB	NT	Mainline	4.49	5.59	84.02	31.09	47891	36281	1.3041	1.2006	0.1302	0.0053	0.1388	0.3138	0.0256	0.0109	0.0065	1.1978	1.6449
263	2045	ALT3	WB	NT	Mainline	2.27	2.82	42.36	15.95	24295	18456	0.6689	0.6158	0.0655	0.0026	0.0716	0.1613	0.0128	0.0055	0.0033	0.6158	0.8529
264	2045	ALT3	WB	NT	Mainline	0.90	1.12	17.02	6.48	9760	7435	0.2668	0.2457	0.0259	0.0010	0.0294	0.0659	0.0050	0.0022	0.0013	0.2458	0.3536
265	2045	ALT3	WB	NT	Mainline	0.47	0.59	8.84	3.36	5081	3867	0.1401	0.1290	0.0136	0.0005	0.0152	0.0341	0.0026	0.0011	0.0007	0.1292	0.1818
266	2045	ALT3	WB	NT	Mainline	1.56	1.92	27.95	12.53	17303	13489	0.5436	0.5004	0.0439	0.0016	0.0583	0.1277	0.0082	0.0035	0.0026	0.5111	0.7198
267	2045	ALT3	WB	NT	Mainline	0.50	0.62	9.14	3.85	5499	4250	0.1647	0.1516	0.0142	0.0005	0.0178	0.0392	0.0027	0.0012	0.0008	0.1538	0.2171
268	2045	ALT3	WB	NT	Mainline	0.09	0.11	1.66	0.64	962	734	0.0269	0.0247	0.0026	0.0001	0.0029	0.0065	0.0005	0.0002	0.0001	0.0248	0.0351
269	2045	ALT3	WB	NT	Mainline	2.37	2.94	44.29	17.37	25768	19708	0.7257	0.6681	0.0681	0.0026	0.0792	0.1766	0.0131	0.0056	0.0036	0.6715	0.9552
270	2045	ALT3	WB	NT	Mainline	1.09	1.35	20.47	7.93	11838	9039	0.3291	0.3029	0.0313	0.0012	0.0361	0.0807	0.0060	0.0026	0.0016	0.3039	0.4351
271	2045	ALT3	WB	NT	Mainline	1.67	2.07	31.45	12.45	18313	14038	0.5129	0.4722	0.0478	0.0018	0.0573	0.1273	0.0091	0.0040	0.0025	0.4749	0.6961
272	2045	ALT3	WB	NT	Mainline	1.15	1.43	21.39	8.93	12766	9860	0.3735	0.3439	0.0328	0.0012	0.0415	0.0915	0.0062	0.0027	0.0018	0.3482	0.5086
273	2045	ALT3	WB	NT	Mainline	1.17	1.45	21.63	8.80	12788	9833	0.3704	0.3410	0.0334	0.0013	0.0404	0.0897	0.0064	0.0027	0.0018	0.3443	0.4915
274	2045	ALT3	WB	NT	Mainline	1.32	1.64	24.25	10.23	14583	11273	0.4358	0.4012	0.0377	0.0014	0.0473	0.1043	0.0071	0.0031	0.0021	0.4069	0.5782
275	2045	ALT3	WB	NT	Mainline	2.25	2.76	40.02	18.16	24946	19474	0.7968	0.7334	0.0633	0.0023	0.0843	0.1845	0.0118	0.0050	0.0038	0.7503	1.0410
276	2045	ALT3	WB	NT	Mainline	0.63	0.78	11.56	4.71	6862	5272	0.2019	0.1859	0.0181	0.0007	0.0214	0.0477	0.0035	0.0015	0.0010	0.1879	0.2592
277	2045	ALT3	WB	NT	Mainline	1.38	1.71	24.93	10.86	15241	11828	0.4709	0.4335	0.0392	0.0015	0.0501	0.1103	0.0074	0.0032	0.0023	0.4415	0.6148
278	2045	ALT3	WB	NT	Mainline	0.76	0.94	13.75	5.94	8377	6495	0.2571	0.2366	0.0216	0.0008	0.0274	0.0604	0.0041	0.0017	0.0012	0.2408	0.3362
279	2045	ALT3	WB	NT	Mainline	1.48	1.83	27.27	11.47	16359	12645	0.4845	0.4460	0.0421	0.0016	0.0532	0.1173	0.0079	0.0034	0.0023	0.4521	0.6517
280	2045	ALT3	WB	NT	Mainline	1.46	1.80	26.20	11.99	16360	12797	0.5187	0.4775	0.0411	0.0015	0.0562	0.1227	0.0076	0.0033	0.0025	0.4887	0.6976
281	2045	ALT3	WB	NT	Mainline	1.08	1.33	19.91	8.31	11893	9183	0.3496	0.3218	0.0307	0.0011	0.0385	0.0850	0.0058	0.0025	0.0017	0.3259	0.4711
282	2045	ALT3	WB	NT	Mainline	1.57	1.94	28.61	12.55	17508	13615	0.5367	0.4940	0.0445	0.0016	0.0586	0.1285	0.0083	0.0036	0.0026	0.5033	0.7226
283	2045	ALT3	WB	NT	Mainline	1.47	1.81	26.94	11.48	16253	12587	0.4861	0.4474	0.0417	0.0015	0.0534	0.1174	0.0078	0.0034	0.0023	0.4543	0.6549
284	2045	ALT3	WB	NT	Mainline	1.82	2.25	33.95	13.75	19996	15374	0.5727	0.5272	0.0520	0.0020	0.0634	0.1405	0.0099	0.0043	0.0028	0.5319	0.7724
285	2045	ALT3	WB	NT	Mainline	1.29	1.60	23.55	10.29	14383	11179	0.4394	0.4045	0.0366	0.0013	0.0480	0.1053	0.0068	0.0029	0.0021	0.4119	0.5916

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
286	2045	ALT3	WB	NT	Mainline	1.12	1.39	20.60	8.81	12449	9645	0.3733	0.3436	0.0319	0.0012	0.0410	0.0901	0.0060	0.0026	0.0018	0.3490	0.5032
287	2045	ALT3	WB	NT	Mainline	2.02	2.48	36.20	16.51	22572	17649	0.7135	0.6567	0.0567	0.0020	0.0775	0.1690	0.0105	0.0045	0.0034	0.6719	0.9610
288	2045	ALT3	WB	NT	Mainline	0.21	0.26	3.82	1.63	2311	1789	0.0700	0.0645	0.0060	0.0002	0.0075	0.0166	0.0011	0.0005	0.0003	0.0655	0.0922
289	2045	ALT3	WB	NT	Mainline	2.21	2.73	40.11	17.68	24598	19140	0.7565	0.6964	0.0625	0.0023	0.0826	0.1809	0.0116	0.0050	0.0036	0.7098	1.0188
290	2045	ALT3	WB	NT	Ramp	0.04	0.05	1.27	0.16	445	298	0.0030	0.0028	0.0012	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0011	0.0047
291	2045	ALT3	WB	NT	Ramp	0.03	0.05	1.05	0.14	388	260	0.0028	0.0026	0.0011	0.0001	0.0005	0.0014	0.0002	0.0002	0.0000	0.0010	0.0048
292	2045	ALT3	WB	NT	Ramp	0.01	0.02	0.45	0.06	157	105	0.0010	0.0010	0.0004	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0004	0.0016
293	2045	ALT3	WB	NT	Ramp	0.11	0.16	2.39	0.35	1099	740	0.0093	0.0086	0.0036	0.0002	0.0022	0.0056	0.0007	0.0006	0.0001	0.0028	0.0233
294	2045	ALT3	WB	NT	Ramp	0.04	0.05	1.09	0.16	421	286	0.0033	0.0031	0.0012	0.0001	0.0007	0.0018	0.0002	0.0002	0.0000	0.0014	0.0072
295	2045	ALT3	WB	NT	Ramp	0.08	0.12	1.79	0.25	810	544	0.0067	0.0062	0.0026	0.0001	0.0015	0.0038	0.0005	0.0004	0.0001	0.0019	0.0151
296	2045	ALT3	WB	NT	Ramp	0.02	0.03	0.41	0.08	195	136	0.0019	0.0018	0.0006	0.0000	0.0005	0.0012	0.0001	0.0001	0.0000	0.0009	0.0061
297	2045	ALT3	WB	NT	Ramp	0.37	0.49	9.16	2.05	3970	2846	0.0441	0.0407	0.0110	0.0004	0.0121	0.0273	0.0021	0.0013	0.0003	0.0294	0.1467
298	2045	ALT3	WB	NT	Ramp	0.00	0.00	0.11	0.01	40	27	0.0003	0.0003	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0005
299	2045	ALT3	WB	NT	Ramp	0.02	0.02	0.56	0.08	202	137	0.0015	0.0014	0.0005	0.0000	0.0003	0.0008	0.0001	0.0001	0.0000	0.0007	0.0029
300	2045	ALT3	WB	NT	Ramp	0.21	0.30	6.74	0.89	2470	1658	0.0176	0.0163	0.0068	0.0003	0.0033	0.0089	0.0015	0.0010	0.0002	0.0064	0.0309
301	2045	ALT3	WB	NT	Ramp	0.09	0.12	2.35	0.41	971	672	0.0089	0.0082	0.0028	0.0001	0.0021	0.0052	0.0006	0.0004	0.0001	0.0045	0.0243
302	2045	ALT3	WB	NT	Ramp	0.01	0.01	0.32	0.05	115	78	0.0009	0.0008	0.0003	0.0000	0.0002	0.0005	0.0001	0.0000	0.0000	0.0004	0.0019
303	2045	ALT3	WB	NT	Ramp	0.03	0.05	0.90	0.18	377	265	0.0038	0.0035	0.0011	0.0000	0.0010	0.0023	0.0002	0.0001	0.0000	0.0022	0.0113
304	2045	ALT3	WB	NT	Ramp	0.02	0.03	0.68	0.10	253	172	0.0020	0.0018	0.0007	0.0000	0.0004	0.0011	0.0001	0.0001	0.0000	0.0009	0.0043
305	2045	ALT3	WB	NT	Ramp	0.05	0.07	1.29	0.25	536	376	0.0053	0.0049	0.0015	0.0001	0.0013	0.0032	0.0003	0.0002	0.0000	0.0031	0.0158
306	2045	ALT3	WB	NT	Ramp	0.02	0.03	0.70	0.09	258	171	0.0017	0.0016	0.0007	0.0000	0.0003	0.0008	0.0002	0.0001	0.0000	0.0005	0.0024
307	2045	ALT3	WB	NT	Ramp	0.08	0.11	1.61	0.24	762	514	0.0066	0.0061	0.0026	0.0001	0.0017	0.0043	0.0005	0.0004	0.0001	0.0020	0.0191
308	2045	ALT3	WB	NT	Ramp	0.05	0.07	1.29	0.22	531	368	0.0049	0.0045	0.0015	0.0001	0.0012	0.0028	0.0003	0.0002	0.0000	0.0025	0.0133
309	2045	ALT3	WB	NT	Ramp	0.04	0.06	0.83	0.18	410	289	0.0043	0.0040	0.0014	0.0001	0.0014	0.0033	0.0003	0.0002	0.0000	0.0022	0.0176
310	2045	ALT3	WB	NT	Ramp	0.22	0.29	5.88	1.40	2526	1833	0.0349	0.0321	0.0065	0.0003	0.0069	0.0157	0.0013	0.0007	0.0002	0.0276	0.0829
311	2045	ALT3	WB	NT	Ramp	0.08	0.12	1.72	0.31	810	558	0.0077	0.0071	0.0026	0.0001	0.0021	0.0051	0.0005	0.0004	0.0001	0.0033	0.0244
312	2045	ALT3	WB	NT	Ramp	0.02	0.02	0.41	0.07	172	119	0.0015	0.0014	0.0005	0.0000	0.0004	0.0009	0.0001	0.0001	0.0000	0.0007	0.0041
313	2045	ALT3	WB	NT	Ramp	0.20	0.27	5.92	1.01	2274	1579	0.0209	0.0193	0.0061	0.0003	0.0047	0.0114	0.0013	0.0008	0.0002	0.0121	0.0532
314	2045	ALT3	WB	NT	Ramp	0.03	0.04	0.80	0.11	300	201	0.0022	0.0020	0.0008	0.0000	0.0004	0.0011	0.0002	0.0001	0.0000	0.0007	0.0037
315	2045	ALT3	WB	NT	Ramp	0.07	0.09	1.56	0.24	690	467	0.0059	0.0054	0.0021	0.0001	0.0012	0.0032	0.0004	0.0003	0.0001	0.0020	0.0127
316	2045	ALT3	WB	NT	Ramp	0.04	0.06	1.33	0.17	504	337	0.0036	0.0034	0.0014	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0012	0.0061
317	2045	ALT3	WB	NT	Ramp	0.06	0.09	1.31	0.24	615	425	0.0059	0.0055	0.0019	0.0001	0.0016	0.0038	0.0004	0.0003	0.0001	0.0027	0.0184
318	2045	ALT3	WB	NT	Ramp	0.02	0.02	0.51	0.06	184	122	0.0012	0.0011	0.0005	0.0000	0.0002	0.0005	0.0001	0.0001	0.0000	0.0003	0.0014
319	2045	ALT3	WB	NT	Ramp	0.06	0.09	1.44	0.22	636	431	0.0055	0.0051	0.0019	0.0001	0.0011	0.0029	0.0004	0.0003	0.0001	0.0019	0.0119
320	2045	ALT3	WB	NT	Ramp	0.03	0.05	1.05	0.14	400	269	0.0030	0.0028	0.0011	0.0001	0.0006	0.0015	0.0002	0.0002	0.0000	0.0011	0.0055
321	2045	ALT3	WB	NT	Ramp	0.08	0.12	1.90	0.28	854	577	0.0073	0.0067	0.0027	0.0001	0.0016	0.0041	0.0006	0.0004	0.0001	0.0024	0.0167
322	2045	ALT3	WB	NT	Ramp	0.03	0.05	0.90	0.15	368	254	0.0033	0.0030	0.0011	0.0000	0.0008	0.0019	0.0002	0.0002	0.0000	0.0016	0.0084
323	2045	ALT3	WB	NT	Ramp	0.10	0.14	2.71	0.51	1107	776	0.0108	0.0100	0.0031	0.0001	0.0027	0.0064	0.0006	0.0004	0.0001	0.0063	0.0316
324	2045	ALT3	WB	NT	Ramp	0.02	0.03	0.65	0.10	247	169	0.0020	0.0018	0.0007	0.0000	0.0004	0.0011	0.0001	0.0001	0.0000	0.0009	0.0044
325	2045	ALT3	WB	NT	Ramp	0.15	0.20	3.12	0.59	1460	1012	0.0143	0.0132	0.0045	0.0002	0.0037	0.0089	0.0009	0.0007	0.0001	0.0067	0.0433
326	2045	ALT3	WB	NT	Ramp	0.06	0.08	1.81	0.24	688	463	0.0051	0.0047	0.0019	0.0001	0.0010	0.0026	0.0004	0.0003	0.0000	0.0018	0.0093
327	2045	ALT3	WB	NT	Ramp	0.14	0.19	2.62	0.55	1283	900	0.0133	0.0123	0.0042	0.0002	0.0043	0.0098	0.0008	0.0006	0.0001	0.0067	0.0515
328	2045	ALT3	WB	NT	Ramp	0.03	0.04	0.91	0.12	337	226	0.0024	0.0022	0.0009	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0008	0.0040
329	2045	ALT3	WB	NT	Ramp	0.06	0.08	1.32	0.21	589	400	0.0052	0.0048	0.0018	0.0001	0.0011	0.0028	0.0004	0.0003	0.0000	0.0019	0.0119
330	2045	ALT3	WB	NT	Ramp	0.02	0.03	0.56	0.09	217	148	0.0018	0.0017	0.0006	0.0000	0.0004	0.0010	0.0001	0.0001	0.0000	0.0008	0.0042
331	2045	ALT3	WB	NT	Ramp	0.08	0.10	2.08	0.39	846	592	0.0081	0.0075	0.0023	0.0001	0.0020	0.0048	0.0005	0.0003	0.0001	0.0047	0.0234
332	2045	ALT3	WB	NT	Ramp	0.03	0.05	0.99	0.18	390	274	0.0039	0.0036	0.0010	0.0000	0.0009	0.0021	0.0002	0.0001	0.0000	0.0024	0.0105
333	2045	ALT3	WB	NT	Ramp	0.08	0.11	2.08	0.45	890	635	0.0096	0.0089	0.0025	0.0001	0.0026	0.0059	0.0005	0.0003	0.0001	0.0063	0.0313

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
334	2045	ALT3	WB	NT	Ramp	0.03	0.04	0.89	0.19	370	264	0.0041	0.0038	0.0010	0.0000	0.0010	0.0024	0.0002	0.0001	0.0000	0.0028	0.0124
335	2045	ALT3	WB	NT	Ramp	0.13	0.16	2.67	0.79	1298	966	0.0175	0.0161	0.0036	0.0001	0.0053	0.0115	0.0006	0.0004	0.0001	0.0134	0.0673
336	2045	ALT3	WB	NT	Ramp	0.09	0.11	2.08	0.54	941	690	0.0120	0.0111	0.0025	0.0001	0.0033	0.0073	0.0005	0.0003	0.0001	0.0090	0.0411
337	2045	ALT3	WB	NT	Ramp	0.05	0.06	0.85	0.35	480	374	0.0083	0.0076	0.0013	0.0000	0.0025	0.0052	0.0002	0.0001	0.0000	0.0072	0.0324
338	2045	ALT3	WB	NT	Ramp	0.01	0.01	0.18	0.09	111	88	0.0020	0.0018	0.0003	0.0000	0.0007	0.0014	0.0000	0.0000	0.0000	0.0017	0.0087
339	2045	ALT3	WB	NT	Ramp	0.17	0.22	4.70	0.97	1927	1367	0.0239	0.0221	0.0051	0.0002	0.0042	0.0099	0.0010	0.0005	0.0001	0.0180	0.0472
340	2045	ALT3	WB	NT	Ramp	0.69	0.88	13.76	4.76	7083	5399	0.1097	0.1010	0.0191	0.0006	0.0322	0.0686	0.0033	0.0018	0.0006	0.0911	0.4139
341	2045	ALT3	WB	NT	Ramp	0.52	0.71	14.12	2.76	5788	4080	0.0583	0.0538	0.0159	0.0007	0.0148	0.0345	0.0032	0.0020	0.0004	0.0360	0.1747
342	2045	ALT3	WB	NT	Ramp	0.05	0.06	0.98	0.28	470	348	0.0061	0.0057	0.0013	0.0000	0.0018	0.0040	0.0002	0.0001	0.0000	0.0046	0.0232
343	2045	ALT3	WB	NT	Ramp	0.12	0.15	1.61	0.52	905	669	0.0117	0.0108	0.0033	0.0001	0.0054	0.0116	0.0006	0.0004	0.0001	0.0079	0.0702
344	2045	ALT3	WB	NT	Ramp	0.04	0.06	1.02	0.26	469	342	0.0057	0.0053	0.0013	0.0000	0.0017	0.0037	0.0002	0.0001	0.0000	0.0041	0.0209
345	2045	ALT3	WB	NT	Ramp	0.03	0.04	0.44	0.12	234	170	0.0029	0.0026	0.0008	0.0000	0.0011	0.0023	0.0001	0.0001	0.0000	0.0018	0.0135
346	2045	ALT3	WB	NT	Ramp	0.07	0.10	1.26	0.31	646	462	0.0073	0.0068	0.0022	0.0001	0.0027	0.0060	0.0004	0.0003	0.0001	0.0042	0.0338
347	2045	ALT3	WB	NT	Ramp	0.04	0.06	1.06	0.18	439	304	0.0040	0.0037	0.0013	0.0001	0.0010	0.0023	0.0003	0.0002	0.0000	0.0020	0.0110
348	2045	ALT3	WB	NT	Ramp	0.30	0.40	7.49	1.83	3296	2398	0.0404	0.0373	0.0089	0.0003	0.0108	0.0241	0.0017	0.0010	0.0003	0.0296	0.1338
349	2045	ALT3	WB	NT	Ramp	0.10	0.13	2.60	0.45	1062	736	0.0097	0.0090	0.0030	0.0001	0.0023	0.0056	0.0006	0.0004	0.0001	0.0051	0.0265
350	2045	ALT3	WB	NT	Ramp	0.07	0.10	2.30	0.33	832	564	0.0063	0.0059	0.0022	0.0001	0.0013	0.0033	0.0005	0.0003	0.0001	0.0029	0.0126
351	2045	ALT3	WB	NT	Ramp	0.05	0.07	0.78	0.29	454	342	0.0064	0.0059	0.0015	0.0000	0.0026	0.0056	0.0003	0.0002	0.0000	0.0047	0.0338
352	2045	ALT3	WB	NT	Ramp	0.05	0.07	1.07	0.20	499	347	0.0049	0.0045	0.0015	0.0001	0.0013	0.0030	0.0003	0.0002	0.0000	0.0023	0.0146
353	2045	ALT3	WB	NT	Ramp	0.08	0.11	2.44	0.35	927	627	0.0072	0.0066	0.0026	0.0001	0.0014	0.0038	0.0005	0.0004	0.0001	0.0029	0.0146
354	2045	ALT3	WB	NT	Ramp	0.17	0.24	3.69	0.63	1700	1165	0.0157	0.0145	0.0054	0.0002	0.0039	0.0096	0.0011	0.0008	0.0001	0.0064	0.0445
355	2045	ALT3	WB	NT	Ramp	0.05	0.07	1.42	0.21	563	383	0.0046	0.0042	0.0016	0.0001	0.0010	0.0025	0.0003	0.0002	0.0000	0.0019	0.0102
356	2045	ALT3	WB	NT	Ramp	0.05	0.08	1.17	0.21	541	372	0.0051	0.0047	0.0017	0.0001	0.0013	0.0032	0.0003	0.0003	0.0000	0.0022	0.0151
357	2045	ALT3	WB	NT	Ramp	0.14	0.20	3.10	0.46	1408	951	0.0120	0.0111	0.0045	0.0002	0.0027	0.0070	0.0009	0.0007	0.0001	0.0038	0.0292
358	2045	ALT3	WB	NT	Ramp	0.06	0.08	1.58	0.25	658	449	0.0056	0.0052	0.0019	0.0001	0.0012	0.0031	0.0004	0.0003	0.0001	0.0024	0.0131
359	2045	ALT3	WB	NT	Ramp	0.09	0.13	1.96	0.30	903	611	0.0078	0.0073	0.0029	0.0001	0.0019	0.0048	0.0006	0.0005	0.0001	0.0026	0.0206
360	2045	ALT3	WB	NT	Ramp	0.04	0.06	1.14	0.18	463	317	0.0040	0.0037	0.0013	0.0001	0.0009	0.0022	0.0003	0.0002	0.0000	0.0018	0.0097
361	2045	ALT3	WB	NT	Ramp	0.06	0.08	1.15	0.19	540	368	0.0049	0.0045	0.0018	0.0001	0.0013	0.0032	0.0004	0.0003	0.0000	0.0018	0.0148
362	2045	ALT3	WB	NT	Ramp	0.04	0.05	0.96	0.18	396	276	0.0038	0.0035	0.0011	0.0000	0.0009	0.0022	0.0002	0.0001	0.0000	0.0021	0.0109
363	2045	ALT3	WB	NT	Ramp	0.11	0.15	2.36	0.35	1068	720	0.0090	0.0084	0.0034	0.0002	0.0020	0.0052	0.0007	0.0006	0.0001	0.0028	0.0211
364	2045	ALT3	WB	NT	HOV																	
365	2045	ALT3	WB	NT	HOV																	
366	2045	ALT3	WB	NT	HOT	0.12	0.15	2.68	0.30	1083	704	0.0046	0.0043	0.0038	0.0002	0.0008	0.0029	0.0009	0.0004	0.0001	0.0004	0.0008
367	2045	ALT3	WB	NT	HOT	0.18	0.23	4.03	0.46	1628	1058	0.0070	0.0065	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0011
368	2045	ALT3	WB	NT	HOT	0.09	0.12	2.04	0.23	824	536	0.0035	0.0033	0.0029	0.0002	0.0006	0.0022	0.0007	0.0003	0.0000	0.0003	0.0006
369	2045	ALT3	WB	NT	HOT	0.09	0.11	1.93	0.22	781	508	0.0033	0.0031	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0005
370	2045	ALT3	WB	NT	HOT	0.09	0.12	2.09	0.24	842	548	0.0036	0.0033	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0003	0.0006
371	2045	ALT3	WB	NT	HOT	0.04	0.06	0.96	0.11	387	252	0.0017	0.0015	0.0014	0.0001	0.0003	0.0010	0.0003	0.0001	0.0000	0.0002	0.0003
372	2045	ALT3	WB	NT	HOT	0.07	0.09	1.49	0.17	600	390	0.0026	0.0024	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
373	2045	ALT3	WB	NT	HOT	0.04	0.06	0.97	0.11	392	255	0.0017	0.0016	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
374	2045	ALT3	WB	NT	HOT	0.19	0.25	4.36	0.50	1760	1144	0.0075	0.0070	0.0062	0.0003	0.0012	0.0047	0.0014	0.0006	0.0001	0.0007	0.0012
375	2045	ALT3	WB	NT	HOT	0.06	0.08	1.45	0.17	587	382	0.0025	0.0023	0.0021	0.0001	0.0004	0.0016	0.0005	0.0002	0.0000	0.0002	0.0004
376	2045	ALT3	WB	NT	HOT	0.03	0.04	0.68	0.08	273	178	0.0012	0.0011	0.0010	0.0001	0.0002	0.0007	0.0002	0.0001	0.0000	0.0001	0.0002
377	2045	ALT3	WB	NT	HOT	0.42	0.54	9.37	1.07	3785	2461	0.0162	0.0150	0.0133	0.0007	0.0026	0.0102	0.0031	0.0013	0.0002	0.0015	0.0026
378	2045	ALT3	WB	NT	HOT	0.09	0.12	2.09	0.24	845	549	0.0036	0.0034	0.0030	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0003	0.0006
379	2045	ALT3	WB	NT	HOT	0.09	0.12	2.06	0.23	834	542	0.0036	0.0033	0.0029	0.0002	0.0006	0.0023	0.0007	0.0003	0.0000	0.0003	0.0006
380	2045	ALT3	WB	NT	HOT	0.09	0.11	1.92	0.22	775	504	0.0033	0.0031	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0005
381	2045	ALT3	WB	NT	HOT	0.31	0.41	7.02	0.80	2842	1847	0.0122	0.0113	0.0100	0.0005	0.0020	0.0077	0.0023	0.0010	0.0001	0.0012	0.0020

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
382	2045	ALT3	WB	NT	HOT	0.05	0.06	1.03	0.12	419	272	0.0018	0.0017	0.0015	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
383	2045	ALT3	WB	NT	HOT	0.20	0.25	4.41	0.50	1785	1161	0.0076	0.0071	0.0063	0.0003	0.0012	0.0048	0.0014	0.0006	0.0001	0.0007	0.0012
384	2045	ALT3	WB	NT	HOT	0.12	0.15	2.61	0.30	1057	687	0.0045	0.0042	0.0037	0.0002	0.0007	0.0029	0.0009	0.0004	0.0001	0.0004	0.0007
385	2045	ALT3	WB	NT	HOT	0.29	0.38	6.51	0.74	2636	1713	0.0113	0.0105	0.0093	0.0005	0.0018	0.0071	0.0021	0.0009	0.0001	0.0011	0.0018
386	2045	ALT3	WB	NT	HOT	0.09	0.11	1.94	0.22	785	510	0.0034	0.0031	0.0028	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0005
387	2045	ALT3	WB	NT	HOT	0.08	0.10	1.70	0.19	686	446	0.0029	0.0027	0.0024	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0005
388	2045	ALT3	WB	NT	HOT	0.08	0.10	1.72	0.20	695	452	0.0030	0.0028	0.0025	0.0001	0.0005	0.0019	0.0006	0.0002	0.0000	0.0003	0.0005
389	2045	ALT3	WB	NT	HOT	0.30	0.39	6.73	0.76	2725	1772	0.0117	0.0108	0.0096	0.0005	0.0019	0.0074	0.0022	0.0009	0.0001	0.0011	0.0019
390	2045	ALT3	WB	NT	HOT	0.02	0.03	0.51	0.06	207	135	0.0009	0.0008	0.0007	0.0000	0.0001	0.0006	0.0002	0.0001	0.0000	0.0001	0.0001
391	2045	ALT3	WB	NT	HOT	0.31	0.39	6.86	0.78	2772	1802	0.0119	0.0110	0.0098	0.0005	0.0019	0.0075	0.0022	0.0009	0.0001	0.0011	0.0019
392	2045	ALT3	WB	NT	HOT	0.04	0.06	0.98	0.11	394	256	0.0017	0.0016	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
393	2045	ALT3	WB	NT	HOT	0.29	0.37	6.47	0.74	2613	1699	0.0112	0.0104	0.0092	0.0005	0.0018	0.0070	0.0021	0.0009	0.0001	0.0011	0.0018
394	2045	ALT3	WB	NT	HOT	0.21	0.27	4.62	0.53	1864	1212	0.0080	0.0074	0.0066	0.0004	0.0013	0.0050	0.0015	0.0006	0.0001	0.0008	0.0013
395	2045	ALT3	WB	NT	HOT	0.29	0.38	6.59	0.75	2660	1729	0.0114	0.0106	0.0094	0.0005	0.0019	0.0072	0.0022	0.0009	0.0001	0.0011	0.0019
396	2045	ALT3	WB	NT	HOT	0.08	0.11	1.89	0.21	762	495	0.0033	0.0030	0.0027	0.0001	0.0005	0.0021	0.0006	0.0003	0.0000	0.0003	0.0005
397	2045	ALT3	WB	NT	HOT	0.29	0.38	6.54	0.74	2640	1716	0.0113	0.0105	0.0093	0.0005	0.0018	0.0071	0.0021	0.0009	0.0001	0.0011	0.0018
398	2045	ALT3	WB	NT	HOT	0.42	0.54	9.45	1.07	3815	2480	0.0163	0.0151	0.0134	0.0007	0.0027	0.0103	0.0031	0.0013	0.0002	0.0015	0.0027
399	2045	ALT3	WB	NT	HOT	0.36	0.46	8.05	0.92	3250	2113	0.0139	0.0129	0.0114	0.0006	0.0023	0.0088	0.0026	0.0011	0.0002	0.0013	0.0023
400	2045	ALT3	WB	NT	HOT	0.26	0.33	5.80	0.66	2344	1524	0.0100	0.0093	0.0082	0.0004	0.0016	0.0063	0.0019	0.0008	0.0001	0.0010	0.0016
401	2045	ALT3	WB	NT	HOT	0.18	0.24	4.16	0.47	1678	1091	0.0072	0.0067	0.0059	0.0003	0.0012	0.0045	0.0014	0.0006	0.0001	0.0007	0.0012
402	2045	ALT3	WB	NT	HOT	0.18	0.23	4.01	0.46	1618	1052	0.0069	0.0064	0.0057	0.0003	0.0011	0.0044	0.0013	0.0006	0.0001	0.0007	0.0011
403	2045	ALT3	WB	NT	HOT	0.33	0.43	7.45	0.85	3011	1957	0.0129	0.0120	0.0106	0.0006	0.0021	0.0081	0.0024	0.0010	0.0002	0.0012	0.0021
404	2045	ALT3	WB	NT	HOT	0.19	0.24	4.21	0.48	1701	1106	0.0073	0.0068	0.0060	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0007	0.0012
405	2045	ALT3	WB	NT	HOT	0.26	0.33	5.82	0.66	2352	1529	0.0101	0.0093	0.0083	0.0004	0.0016	0.0063	0.0019	0.0008	0.0001	0.0010	0.0016
406	2045	ALT3	WB	NT	HOT	0.20	0.26	4.52	0.51	1825	1186	0.0078	0.0072	0.0064	0.0003	0.0013	0.0049	0.0015	0.0006	0.0001	0.0007	0.0013
407	2045	ALT3	WB	NT	HOT	0.30	0.39	6.81	0.77	2752	1789	0.0118	0.0109	0.0097	0.0005	0.0019	0.0074	0.0022	0.0009	0.0001	0.0011	0.0019
408	2045	ALT3	WB	NT	HOT	0.19	0.25	4.26	0.48	1722	1119	0.0074	0.0068	0.0061	0.0003	0.0012	0.0046	0.0014	0.0006	0.0001	0.0007	0.0012
409	2045	ALT3	WB	NT	HOT	0.26	0.34	5.95	0.68	2403	1562	0.0103	0.0095	0.0085	0.0005	0.0017	0.0065	0.0019	0.0008	0.0001	0.0010	0.0017
410	2045	ALT3	WB	NT	HOT	0.66	0.86	14.93	1.70	6022	3915	0.0258	0.0239	0.0212	0.0011	0.0042	0.0162	0.0049	0.0021	0.0003	0.0024	0.0042
411	2045	ALT3	WB	NT	HOT	0.36	0.46	7.99	0.91	3225	2097	0.0138	0.0128	0.0113	0.0006	0.0022	0.0087	0.0026	0.0011	0.0002	0.0013	0.0023
412	2045	ALT3	WB	NT	HOT	0.14	0.18	3.07	0.35	1237	804	0.0053	0.0049	0.0043	0.0002	0.0009	0.0033	0.0010	0.0004	0.0001	0.0005	0.0009
413	2045	ALT3	WB	NT	HOT	0.07	0.09	1.57	0.18	632	411	0.0027	0.0025	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
414	2045	ALT3	WB	NT	HOT	0.30	0.38	6.68	0.76	2694	1751	0.0115	0.0107	0.0095	0.0005	0.0019	0.0072	0.0022	0.0009	0.0001	0.0011	0.0019
415	2045	ALT3	WB	NT	HOT	0.07	0.09	1.56	0.18	631	410	0.0027	0.0025	0.0022	0.0001	0.0004	0.0017	0.0005	0.0002	0.0000	0.0003	0.0004
416	2045	ALT3	WB	NT	HOT	0.01	0.01	0.24	0.03	98	64	0.0004	0.0004	0.0003	0.0000	0.0001	0.0003	0.0001	0.0000	0.0000	0.0000	0.0001
417	2045	ALT3	WB	NT	HOT	0.30	0.39	6.83	0.78	2756	1792	0.0118	0.0109	0.0097	0.0005	0.0019	0.0074	0.0022	0.0009	0.0001	0.0011	0.0019
418	2045	ALT3	WB	NT	HOT	0.13	0.17	2.94	0.33	1186	771	0.0051	0.0047	0.0042	0.0002	0.0008	0.0032	0.0010	0.0004	0.0001	0.0005	0.0008
419	2045	ALT3	WB	NT	HOT	0.22	0.28	4.84	0.55	1953	1270	0.0084	0.0078	0.0069	0.0004	0.0014	0.0053	0.0016	0.0007	0.0001	0.0008	0.0014
420	2045	ALT3	WB	NT	HOT	0.23	0.29	5.05	0.57	2042	1327	0.0087	0.0081	0.0072	0.0004	0.0014	0.0055	0.0017	0.0007	0.0001	0.0008	0.0014
421	2045	ALT3	WB	NT	HOT	0.21	0.28	4.78	0.54	1933	1257	0.0083	0.0077	0.0068	0.0004	0.0013	0.0052	0.0016	0.0007	0.0001	0.0008	0.0013
422	2045	ALT3	WB	NT	HOT	0.25	0.33	5.67	0.64	2295	1492	0.0098	0.0091	0.0081	0.0004	0.0016	0.0062	0.0019	0.0008	0.0001	0.0009	0.0016
423	2045	ALT3	WB	NT	HOT	0.49	0.63	10.93	1.24	4424	2876	0.0189	0.0176	0.0156	0.0008	0.0031	0.0119	0.0036	0.0015	0.0002	0.0018	0.0031
424	2045	ALT3	WB	NT	HOT	0.12	0.15	2.67	0.30	1082	703	0.0046	0.0043	0.0038	0.0002	0.0008	0.0029	0.0009	0.0004	0.0001	0.0004	0.0008
425	2045	ALT3	WB	NT	HOT	0.28	0.36	6.32	0.72	2557	1662	0.0110	0.0102	0.0090	0.0005	0.0018	0.0069	0.0021	0.0009	0.0001	0.0010	0.0018
426	2045	ALT3	WB	NT	HOT	0.15	0.19	3.33	0.38	1346	875	0.0058	0.0053	0.0047	0.0003	0.0009	0.0036	0.0011	0.0005	0.0001	0.0005	0.0009
427	2045	ALT3	WB	NT	HOT	0.28	0.37	6.36	0.72	2574	1673	0.0110	0.0102	0.0091	0.0005	0.0018	0.0069	0.0021	0.0009	0.0001	0.0010	0.0018
428	2045	ALT3	WB	NT	HOT	0.30	0.39	6.79	0.77	2748	1786	0.0118	0.0109	0.0097	0.0005	0.0019	0.0074	0.0022	0.0009	0.0001	0.0011	0.0019
429	2045	ALT3	WB	NT	HOT	0.20	0.26	4.53	0.51	1833	1191	0.0078	0.0073	0.0065	0.0003	0.0013	0.0049	0.0015	0.0006	0.0001	0.0007	0.0013

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlyl+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
430	2045	ALT3	WB	NT	HOT	0.30	0.39	6.84	0.78	2750	1788	0.0118	0.0109	0.0096	0.0005	0.0019	0.0074	0.0022	0.0009	0.0001	0.0011	0.0019
431	2045	ALT3	WB	NT	HOT	0.27	0.35	6.16	0.70	2478	1611	0.0106	0.0098	0.0087	0.0005	0.0017	0.0066	0.0020	0.0008	0.0001	0.0010	0.0017
432	2045	ALT3	WB	NT	HOT	0.32	0.41	7.26	0.83	2918	1897	0.0125	0.0116	0.0102	0.0005	0.0020	0.0078	0.0023	0.0010	0.0001	0.0012	0.0021
433	2045	ALT3	WB	NT	HOT	0.29	0.38	6.68	0.76	2674	1738	0.0114	0.0106	0.0093	0.0005	0.0018	0.0071	0.0021	0.0009	0.0001	0.0011	0.0019
434	2045	ALT3	WB	NT	HOT	0.24	0.32	5.61	0.64	2247	1461	0.0096	0.0089	0.0078	0.0004	0.0015	0.0060	0.0018	0.0008	0.0001	0.0009	0.0016
435	2045	ALT3	WB	NT	HOT	0.47	0.61	10.77	1.23	4312	2803	0.0185	0.0171	0.0150	0.0008	0.0030	0.0115	0.0035	0.0015	0.0002	0.0018	0.0031
436	2045	ALT3	WB	NT	HOT	0.04	0.06	1.03	0.12	413	268	0.0018	0.0016	0.0014	0.0001	0.0003	0.0011	0.0003	0.0001	0.0000	0.0002	0.0003
437	2045	ALT3	WB	NT	HOT	0.50	0.65	11.45	1.31	4586	2981	0.0196	0.0182	0.0160	0.0009	0.0032	0.0122	0.0037	0.0016	0.0002	0.0019	0.0033
438	2012	EXT	OVR	AM	Overcrossing	0.22	0.28	4.95	0.56	559	534	0.0055	0.0050	0.0075	0.0004	0.0017	0.0061	0.0017	0.0004	0.0001	0.0014	0.0032
439	2012	EXT	OVR	AM	Overcrossing	0.21	0.26	4.63	0.65	535	512	0.0083	0.0076	0.0069	0.0004	0.0022	0.0068	0.0016	0.0003	0.0001	0.0046	0.0116
440	2012	EXT	OVR	AM	Overcrossing	0.26	0.32	6.12	0.74	667	638	0.0070	0.0063	0.0086	0.0005	0.0021	0.0072	0.0020	0.0004	0.0001	0.0024	0.0053
441	2012	EXT	OVR	AM	Overcrossing	0.21	0.26	4.78	0.61	538	514	0.0067	0.0061	0.0070	0.0004	0.0019	0.0062	0.0016	0.0003	0.0001	0.0030	0.0071
442	2012	EXT	OVR	AM	Overcrossing	0.44	0.54	10.16	1.36	1135	1086	0.0153	0.0140	0.0145	0.0008	0.0041	0.0134	0.0033	0.0007	0.0001	0.0077	0.0182
443	2012	EXT	OVR	AM	Overcrossing	0.18	0.22	4.51	0.67	495	474	0.0077	0.0070	0.0060	0.0003	0.0019	0.0059	0.0014	0.0003	0.0001	0.0046	0.0098
444	2012	EXT	OVR	AM	Overcrossing	0.17	0.21	3.93	0.53	443	424	0.0061	0.0055	0.0057	0.0003	0.0016	0.0053	0.0013	0.0003	0.0001	0.0031	0.0074
445	2012	EXT	OVR	AM	Overcrossing	0.38	0.47	8.47	0.97	954	912	0.0097	0.0088	0.0127	0.0007	0.0029	0.0105	0.0029	0.0006	0.0001	0.0027	0.0062
446	2012	EXT	OVR	AM	Overcrossing	0.23	0.28	4.80	0.56	560	535	0.0062	0.0057	0.0077	0.0004	0.0018	0.0064	0.0018	0.0004	0.0001	0.0020	0.0049
447	2012	EXT	OVR	AM	Overcrossing	0.14	0.17	3.29	0.40	358	342	0.0038	0.0034	0.0046	0.0002	0.0011	0.0039	0.0011	0.0002	0.0000	0.0014	0.0030
448	2012	EXT	OVR	AM	Overcrossing	0.08	0.10	2.00	0.25	217	207	0.0023	0.0021	0.0028	0.0001	0.0007	0.0023	0.0006	0.0001	0.0000	0.0009	0.0019
449	2012	EXT	OVR	AM	Overcrossing	0.08	0.10	1.89	0.23	207	197	0.0021	0.0019	0.0027	0.0001	0.0006	0.0022	0.0006	0.0001	0.0000	0.0007	0.0015
438	2012	EXT	OVR	MD	Overcrossing	0.39	0.48	8.78	1.02	980	936	0.0100	0.0091	0.0129	0.0007	0.0030	0.0107	0.0030	0.0006	0.0001	0.0030	0.0068
439	2012	EXT	OVR	MD	Overcrossing	0.45	0.56	9.33	1.48	1132	1085	0.0218	0.0199	0.0148	0.0008	0.0055	0.0161	0.0034	0.0007	0.0002	0.0140	0.0367
440	2012	EXT	OVR	MD	Overcrossing	0.41	0.51	9.80	1.23	1076	1029	0.0124	0.0113	0.0138	0.0007	0.0035	0.0120	0.0032	0.0006	0.0001	0.0051	0.0116
441	2012	EXT	OVR	MD	Overcrossing	0.35	0.43	8.12	1.11	914	875	0.0130	0.0118	0.0117	0.0006	0.0034	0.0110	0.0027	0.0005	0.0001	0.0068	0.0163
442	2012	EXT	OVR	MD	Overcrossing	0.93	1.15	21.19	2.87	2396	2292	0.0336	0.0307	0.0308	0.0016	0.0090	0.0289	0.0071	0.0015	0.0003	0.0174	0.0419
443	2012	EXT	OVR	MD	Overcrossing	0.30	0.37	7.39	1.24	834	799	0.0166	0.0152	0.0099	0.0005	0.0037	0.0108	0.0022	0.0004	0.0001	0.0117	0.0244
444	2012	EXT	OVR	MD	Overcrossing	0.26	0.32	6.12	0.93	696	667	0.0119	0.0109	0.0087	0.0004	0.0029	0.0089	0.0020	0.0004	0.0001	0.0075	0.0176
445	2012	EXT	OVR	MD	Overcrossing	0.67	0.84	15.09	1.79	1703	1628	0.0186	0.0169	0.0226	0.0012	0.0055	0.0191	0.0052	0.0011	0.0002	0.0063	0.0148
446	2012	EXT	OVR	MD	Overcrossing	0.39	0.48	8.08	0.99	950	908	0.0119	0.0108	0.0129	0.0007	0.0034	0.0114	0.0030	0.0006	0.0001	0.0048	0.0121
447	2012	EXT	OVR	MD	Overcrossing	0.25	0.31	5.90	0.74	648	620	0.0075	0.0068	0.0083	0.0004	0.0021	0.0072	0.0019	0.0004	0.0001	0.0031	0.0071
448	2012	EXT	OVR	MD	Overcrossing	0.13	0.16	3.22	0.41	349	334	0.0041	0.0037	0.0044	0.0002	0.0011	0.0038	0.0010	0.0002	0.0000	0.0018	0.0039
449	2012	EXT	OVR	MD	Overcrossing	0.14	0.18	3.38	0.41	370	354	0.0040	0.0036	0.0048	0.0003	0.0012	0.0040	0.0011	0.0002	0.0000	0.0014	0.0032
438	2012	EXT	OVR	PM	Overcrossing	0.37	0.47	7.98	0.88	921	879	0.0091	0.0083	0.0126	0.0007	0.0028	0.0102	0.0029	0.0006	0.0001	0.0021	0.0046
439	2012	EXT	OVR	PM	Overcrossing	0.48	0.60	9.17	1.19	1146	1096	0.0171	0.0156	0.0162	0.0008	0.0047	0.0151	0.0037	0.0008	0.0001	0.0081	0.0219
440	2012	EXT	OVR	PM	Overcrossing	0.61	0.76	13.16	1.52	1514	1446	0.0163	0.0148	0.0205	0.0011	0.0048	0.0171	0.0047	0.0010	0.0002	0.0050	0.0118
441	2012	EXT	OVR	PM	Overcrossing	0.44	0.54	9.58	1.19	1100	1051	0.0135	0.0123	0.0147	0.0008	0.0038	0.0129	0.0034	0.0007	0.0001	0.0055	0.0136
442	2012	EXT	OVR	PM	Overcrossing	0.86	1.07	18.91	2.46	2180	2085	0.0292	0.0266	0.0288	0.0015	0.0080	0.0263	0.0066	0.0014	0.0003	0.0137	0.0341
443	2012	EXT	OVR	PM	Overcrossing	0.38	0.47	8.89	1.25	995	952	0.0147	0.0134	0.0125	0.0007	0.0038	0.0120	0.0029	0.0006	0.0001	0.0082	0.0191
444	2012	EXT	OVR	PM	Overcrossing	0.34	0.43	7.01	0.88	839	803	0.0113	0.0103	0.0115	0.0006	0.0031	0.0104	0.0026	0.0006	0.0001	0.0049	0.0128
445	2012	EXT	OVR	PM	Overcrossing	0.78	0.97	16.11	1.80	1891	1807	0.0198	0.0179	0.0262	0.0014	0.0060	0.0214	0.0061	0.0013	0.0002	0.0051	0.0120
446	2012	EXT	OVR	PM	Overcrossing	0.61	0.77	10.07	1.11	1335	1275	0.0166	0.0151	0.0205	0.0011	0.0052	0.0178	0.0047	0.0011	0.0002	0.0047	0.0172
447	2012	EXT	OVR	PM	Overcrossing	0.29	0.37	6.25	0.73	724	692	0.0080	0.0073	0.0099	0.0005	0.0024	0.0083	0.0023	0.0005	0.0001	0.0025	0.0061
448	2012	EXT	OVR	PM	Overcrossing	0.13	0.16	3.11	0.38	336	321	0.0035	0.0032	0.0043	0.0002	0.0010	0.0036	0.0010	0.0002	0.0000	0.0013	0.0028
449	2012	EXT	OVR	PM	Overcrossing	0.14	0.17	3.22	0.38	355	339	0.0036	0.0033	0.0046	0.0002	0.0011	0.0038	0.0011	0.0002	0.0000	0.0011	0.0025
438	2012	EXT	OVR	NT	Overcrossing	0.21	0.25	5.15	0.68	554	530	0.0068	0.0062	0.0069	0.0004	0.0018	0.0061	0.0016	0.0003	0.0001	0.0033	0.0070
439	2012	EXT	OVR	NT	Overcrossing	0.22	0.27	4.99	0.82	579	555	0.0113	0.0103	0.0072	0.0004	0.0027	0.0078	0.0016	0.0003	0.0001	0.0077	0.0183
440	2012	EXT	OVR	NT	Overcrossing	0.15	0.19	3.74	0.49	403	385	0.0047	0.0043	0.0050	0.0003	0.0013	0.0044	0.0012	0.0002	0.0000	0.0021	0.0046
441	2012	EXT	OVR	NT	Overcrossing	0.18	0.22	4.15	0.73	487	467	0.0106	0.0097	0.0060	0.0003	0.0024	0.0069	0.0013	0.0003	0.0001	0.0076	0.0179

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
442	2012	EXT	OVR	NT	Overcrossing	0.43	0.52	9.82	1.79	1151	1105	0.0264	0.0242	0.0138	0.0007	0.0058	0.0164	0.0031	0.0006	0.0002	0.0196	0.0445
443	2012	EXT	OVR	NT	Overcrossing	0.16	0.19	3.69	0.91	461	444	0.0164	0.0151	0.0050	0.0002	0.0028	0.0073	0.0011	0.0002	0.0001	0.0142	0.0266
444	2012	EXT	OVR	NT	Overcrossing	0.14	0.18	3.46	0.71	410	394	0.0114	0.0104	0.0047	0.0002	0.0022	0.0059	0.0010	0.0002	0.0001	0.0092	0.0179
445	2012	EXT	OVR	NT	Overcrossing	0.32	0.39	7.52	1.02	834	798	0.0114	0.0104	0.0105	0.0006	0.0030	0.0098	0.0024	0.0005	0.0001	0.0059	0.0136
446	2012	EXT	OVR	NT	Overcrossing	0.18	0.23	4.18	0.64	481	460	0.0085	0.0078	0.0060	0.0003	0.0021	0.0063	0.0014	0.0003	0.0001	0.0054	0.0131
447	2012	EXT	OVR	NT	Overcrossing	0.13	0.15	3.12	0.47	343	329	0.0056	0.0051	0.0041	0.0002	0.0013	0.0041	0.0009	0.0002	0.0000	0.0035	0.0073
448	2012	EXT	OVR	NT	Overcrossing	0.07	0.09	1.76	0.26	193	185	0.0031	0.0028	0.0023	0.0001	0.0007	0.0023	0.0005	0.0001	0.0000	0.0019	0.0040
449	2012	EXT	OVR	NT	Overcrossing	0.07	0.09	1.67	0.23	186	178	0.0027	0.0025	0.0023	0.0001	0.0007	0.0022	0.0005	0.0001	0.0000	0.0015	0.0035
438	2035	ALT1	OVR	AM	Overcrossing	0.05	0.07	1.72	0.17	616	402	0.0035	0.0033	0.0017	0.0001	0.0004	0.0014	0.0004	0.0003	0.0000	0.0003	0.0014
439	2035	ALT1	OVR	AM	Overcrossing	0.07	0.11	2.44	0.26	877	574	0.0052	0.0048	0.0025	0.0001	0.0006	0.0022	0.0005	0.0004	0.0001	0.0007	0.0034
440	2035	ALT1	OVR	AM	Overcrossing	0.05	0.07	1.83	0.20	624	410	0.0036	0.0033	0.0017	0.0001	0.0005	0.0016	0.0004	0.0003	0.0000	0.0007	0.0031
441	2035	ALT1	OVR	AM	Overcrossing	0.07	0.10	2.31	0.25	825	541	0.0050	0.0046	0.0023	0.0001	0.0006	0.0021	0.0005	0.0004	0.0001	0.0008	0.0038
442	2035	ALT1	OVR	AM	Overcrossing	0.12	0.16	3.96	0.46	1385	916	0.0086	0.0079	0.0038	0.0002	0.0013	0.0040	0.0008	0.0006	0.0001	0.0021	0.0098
443	2035	ALT1	OVR	AM	Overcrossing	0.04	0.06	1.53	0.18	522	347	0.0032	0.0030	0.0014	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0010	0.0040
444	2035	ALT1	OVR	AM	Overcrossing	0.04	0.06	1.52	0.17	512	338	0.0030	0.0028	0.0014	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0007	0.0030
445	2035	ALT1	OVR	AM	Overcrossing	0.07	0.10	2.59	0.27	888	580	0.0049	0.0045	0.0024	0.0001	0.0006	0.0021	0.0005	0.0004	0.0001	0.0006	0.0027
446	2035	ALT1	OVR	AM	Overcrossing	0.05	0.07	1.69	0.18	601	394	0.0036	0.0033	0.0017	0.0001	0.0004	0.0015	0.0004	0.0003	0.0000	0.0005	0.0025
447	2035	ALT1	OVR	AM	Overcrossing	0.04	0.06	1.62	0.17	539	352	0.0029	0.0027	0.0015	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0004	0.0017
448	2035	ALT1	OVR	AM	Overcrossing	0.02	0.03	0.78	0.08	271	178	0.0016	0.0015	0.0007	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0003	0.0012
449	2035	ALT1	OVR	AM	Overcrossing	0.03	0.04	0.96	0.10	328	214	0.0018	0.0017	0.0009	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0002	0.0009
438	2035	ALT1	OVR	MD	Overcrossing	0.09	0.12	2.99	0.31	1047	684	0.0060	0.0055	0.0029	0.0002	0.0007	0.0025	0.0006	0.0005	0.0001	0.0007	0.0032
439	2035	ALT1	OVR	MD	Overcrossing	0.14	0.20	4.41	0.49	1629	1073	0.0104	0.0096	0.0046	0.0002	0.0014	0.0045	0.0010	0.0007	0.0001	0.0019	0.0097
440	2035	ALT1	OVR	MD	Overcrossing	0.08	0.12	2.86	0.34	995	660	0.0062	0.0058	0.0027	0.0001	0.0010	0.0029	0.0006	0.0004	0.0001	0.0017	0.0076
441	2035	ALT1	OVR	MD	Overcrossing	0.11	0.16	3.63	0.43	1321	875	0.0086	0.0079	0.0037	0.0002	0.0013	0.0040	0.0008	0.0006	0.0001	0.0021	0.0103
442	2035	ALT1	OVR	MD	Overcrossing	0.23	0.32	7.43	0.92	2665	1777	0.0179	0.0166	0.0073	0.0004	0.0031	0.0087	0.0016	0.0011	0.0002	0.0056	0.0267
443	2035	ALT1	OVR	MD	Overcrossing	0.09	0.12	2.95	0.41	1048	708	0.0077	0.0071	0.0028	0.0001	0.0015	0.0039	0.0006	0.0004	0.0001	0.0034	0.0143
444	2035	ALT1	OVR	MD	Overcrossing	0.07	0.09	2.32	0.30	810	542	0.0055	0.0051	0.0022	0.0001	0.0010	0.0027	0.0005	0.0003	0.0001	0.0021	0.0087
445	2035	ALT1	OVR	MD	Overcrossing	0.13	0.18	4.48	0.48	1546	1014	0.0088	0.0082	0.0042	0.0002	0.0011	0.0038	0.0009	0.0007	0.0001	0.0014	0.0064
446	2035	ALT1	OVR	MD	Overcrossing	0.08	0.12	2.73	0.31	994	655	0.0063	0.0058	0.0028	0.0001	0.0009	0.0028	0.0006	0.0004	0.0001	0.0012	0.0061
447	2035	ALT1	OVR	MD	Overcrossing	0.07	0.10	2.62	0.29	885	581	0.0050	0.0046	0.0024	0.0001	0.0007	0.0022	0.0005	0.0004	0.0001	0.0010	0.0040
448	2035	ALT1	OVR	MD	Overcrossing	0.05	0.07	1.79	0.20	631	416	0.0038	0.0036	0.0017	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0008	0.0038
449	2035	ALT1	OVR	MD	Overcrossing	0.05	0.07	1.81	0.19	617	403	0.0034	0.0032	0.0017	0.0001	0.0004	0.0014	0.0004	0.0003	0.0000	0.0004	0.0019
438	2035	ALT1	OVR	PM	Overcrossing	0.09	0.14	2.92	0.29	1104	720	0.0068	0.0063	0.0032	0.0002	0.0007	0.0026	0.0007	0.0005	0.0001	0.0006	0.0026
439	2035	ALT1	OVR	PM	Overcrossing	0.14	0.20	4.04	0.43	1565	1024	0.0101	0.0093	0.0046	0.0002	0.0011	0.0040	0.0010	0.0008	0.0001	0.0012	0.0061
440	2035	ALT1	OVR	PM	Overcrossing	0.10	0.15	3.41	0.37	1214	796	0.0072	0.0067	0.0034	0.0002	0.0009	0.0031	0.0008	0.0005	0.0001	0.0011	0.0054
441	2035	ALT1	OVR	PM	Overcrossing	0.13	0.20	3.94	0.43	1539	1011	0.0102	0.0094	0.0045	0.0002	0.0013	0.0042	0.0010	0.0008	0.0001	0.0015	0.0079
442	2035	ALT1	OVR	PM	Overcrossing	0.25	0.35	7.72	0.86	2868	1889	0.0184	0.0170	0.0081	0.0004	0.0025	0.0080	0.0018	0.0013	0.0002	0.0034	0.0173
443	2035	ALT1	OVR	PM	Overcrossing	0.10	0.15	3.39	0.39	1228	812	0.0079	0.0073	0.0034	0.0002	0.0012	0.0036	0.0008	0.0005	0.0001	0.0018	0.0087
444	2035	ALT1	OVR	PM	Overcrossing	0.07	0.11	2.51	0.27	890	584	0.0053	0.0049	0.0025	0.0001	0.0007	0.0022	0.0006	0.0004	0.0001	0.0008	0.0038
445	2035	ALT1	OVR	PM	Overcrossing	0.13	0.18	4.32	0.44	1525	996	0.0087	0.0081	0.0042	0.0002	0.0010	0.0035	0.0010	0.0007	0.0001	0.0009	0.0041
446	2035	ALT1	OVR	PM	Overcrossing	0.13	0.19	3.49	0.37	1447	946	0.0099	0.0092	0.0044	0.0002	0.0011	0.0038	0.0010	0.0008	0.0001	0.0010	0.0056
447	2035	ALT1	OVR	PM	Overcrossing	0.08	0.11	2.69	0.28	946	619	0.0055	0.0051	0.0026	0.0001	0.0007	0.0023	0.0006	0.0004	0.0001	0.0007	0.0033
448	2035	ALT1	OVR	PM	Overcrossing	0.06	0.08	1.87	0.20	685	449	0.0042	0.0039	0.0019	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0006	0.0029
449	2035	ALT1	OVR	PM	Overcrossing	0.05	0.07	1.79	0.18	627	410	0.0035	0.0033	0.0017	0.0001	0.0004	0.0014	0.0004	0.0003	0.0000	0.0004	0.0016
438	2035	ALT1	OVR	NT	Overcrossing	0.05	0.07	1.89	0.21	636	419	0.0036	0.0034	0.0017	0.0001	0.0005	0.0017	0.0004	0.0002	0.0000	0.0009	0.0035
439	2035	ALT1	OVR	NT	Overcrossing	0.07	0.09	2.12	0.29	772	520	0.0057	0.0052	0.0021	0.0001	0.0011	0.0029	0.0005	0.0003	0.0001	0.0023	0.0106
440	2035	ALT1	OVR	NT	Overcrossing	0.05	0.07	1.60	0.22	565	381	0.0041	0.0038	0.0015	0.0001	0.0008	0.0020	0.0003	0.0002	0.0000	0.0018	0.0072
441	2035	ALT1	OVR	NT	Overcrossing	0.06	0.09	1.96	0.28	718	487	0.0055	0.0051	0.0020	0.0001	0.0011	0.0029	0.0004	0.0003	0.0000	0.0025	0.0113

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
442	2035	ALT1	OVR	NT	Overcrossing	0.10	0.14	3.07	0.53	1172	815	0.0109	0.0101	0.0031	0.0001	0.0024	0.0059	0.0006	0.0004	0.0001	0.0065	0.0275
443	2035	ALT1	OVR	NT	Overcrossing	0.05	0.06	1.32	0.28	535	382	0.0063	0.0058	0.0014	0.0001	0.0014	0.0032	0.0003	0.0002	0.0000	0.0046	0.0162
444	2035	ALT1	OVR	NT	Overcrossing	0.05	0.07	1.62	0.25	592	407	0.0051	0.0047	0.0016	0.0001	0.0010	0.0025	0.0003	0.0002	0.0000	0.0030	0.0103
445	2035	ALT1	OVR	NT	Overcrossing	0.08	0.11	2.67	0.32	931	618	0.0059	0.0055	0.0025	0.0001	0.0010	0.0028	0.0006	0.0004	0.0001	0.0018	0.0079
446	2035	ALT1	OVR	NT	Overcrossing	0.04	0.06	1.46	0.19	522	350	0.0037	0.0034	0.0014	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0014	0.0062
447	2035	ALT1	OVR	NT	Overcrossing	0.04	0.06	1.44	0.18	496	331	0.0032	0.0030	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0012	0.0045
448	2035	ALT1	OVR	NT	Overcrossing	0.03	0.04	0.98	0.13	345	232	0.0024	0.0022	0.0009	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0010	0.0040
449	2035	ALT1	OVR	NT	Overcrossing	0.02	0.03	0.78	0.09	267	176	0.0016	0.0015	0.0007	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0004	0.0016
438	2035	ALT2	OVR	AM	Overcrossing	0.05	0.08	1.75	0.18	630	411	0.0037	0.0034	0.0018	0.0001	0.0004	0.0015	0.0004	0.0003	0.0000	0.0003	0.0015
439	2035	ALT2	OVR	AM	Overcrossing	0.08	0.11	2.52	0.26	905	593	0.0054	0.0050	0.0025	0.0001	0.0006	0.0022	0.0006	0.0004	0.0001	0.0007	0.0035
440	2035	ALT2	OVR	AM	Overcrossing	0.06	0.08	1.94	0.21	666	437	0.0038	0.0035	0.0018	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0007	0.0031
441	2035	ALT2	OVR	AM	Overcrossing	0.08	0.11	2.49	0.26	900	590	0.0054	0.0050	0.0025	0.0001	0.0007	0.0023	0.0006	0.0004	0.0001	0.0008	0.0038
442	2035	ALT2	OVR	AM	Overcrossing	0.11	0.15	3.77	0.44	1316	870	0.0081	0.0075	0.0036	0.0002	0.0012	0.0038	0.0008	0.0005	0.0001	0.0021	0.0094
443	2035	ALT2	OVR	AM	Overcrossing	0.05	0.06	1.65	0.20	561	373	0.0035	0.0032	0.0015	0.0001	0.0006	0.0017	0.0003	0.0002	0.0000	0.0011	0.0043
444	2035	ALT2	OVR	AM	Overcrossing	0.04	0.06	1.48	0.17	502	331	0.0029	0.0027	0.0014	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0007	0.0031
445	2035	ALT2	OVR	AM	Overcrossing	0.07	0.10	2.59	0.27	886	579	0.0049	0.0045	0.0024	0.0001	0.0006	0.0021	0.0005	0.0004	0.0001	0.0006	0.0028
446	2035	ALT2	OVR	AM	Overcrossing	0.05	0.07	1.67	0.18	596	390	0.0035	0.0033	0.0017	0.0001	0.0004	0.0015	0.0004	0.0003	0.0000	0.0005	0.0026
447	2035	ALT2	OVR	AM	Overcrossing	0.04	0.06	1.62	0.17	542	355	0.0029	0.0027	0.0015	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0004	0.0017
448	2035	ALT2	OVR	AM	Overcrossing	0.03	0.04	0.88	0.10	307	202	0.0018	0.0017	0.0008	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0003	0.0015
449	2035	ALT2	OVR	AM	Overcrossing	0.03	0.04	1.01	0.10	342	223	0.0019	0.0017	0.0009	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0002	0.0009
438	2035	ALT2	OVR	MD	Overcrossing	0.09	0.13	3.04	0.32	1077	704	0.0062	0.0058	0.0030	0.0002	0.0007	0.0026	0.0007	0.0005	0.0001	0.0008	0.0036
439	2035	ALT2	OVR	MD	Overcrossing	0.15	0.21	4.58	0.51	1700	1119	0.0108	0.0100	0.0048	0.0002	0.0015	0.0047	0.0011	0.0008	0.0001	0.0020	0.0100
440	2035	ALT2	OVR	MD	Overcrossing	0.09	0.12	2.96	0.34	1026	679	0.0063	0.0059	0.0028	0.0001	0.0010	0.0030	0.0006	0.0004	0.0001	0.0017	0.0074
441	2035	ALT2	OVR	MD	Overcrossing	0.13	0.19	4.11	0.46	1513	997	0.0097	0.0090	0.0043	0.0002	0.0014	0.0043	0.0009	0.0007	0.0001	0.0019	0.0097
442	2035	ALT2	OVR	MD	Overcrossing	0.22	0.31	7.26	0.91	2606	1740	0.0177	0.0164	0.0071	0.0004	0.0031	0.0087	0.0016	0.0011	0.0002	0.0058	0.0274
443	2035	ALT2	OVR	MD	Overcrossing	0.09	0.12	2.94	0.40	1044	705	0.0076	0.0071	0.0028	0.0001	0.0015	0.0039	0.0006	0.0004	0.0001	0.0034	0.0141
444	2035	ALT2	OVR	MD	Overcrossing	0.07	0.09	2.28	0.30	799	536	0.0055	0.0051	0.0021	0.0001	0.0010	0.0027	0.0005	0.0003	0.0001	0.0022	0.0090
445	2035	ALT2	OVR	MD	Overcrossing	0.13	0.18	4.45	0.48	1535	1007	0.0088	0.0082	0.0042	0.0002	0.0011	0.0039	0.0009	0.0006	0.0001	0.0015	0.0066
446	2035	ALT2	OVR	MD	Overcrossing	0.08	0.12	2.69	0.30	977	645	0.0062	0.0057	0.0027	0.0001	0.0009	0.0028	0.0006	0.0004	0.0001	0.0013	0.0063
447	2035	ALT2	OVR	MD	Overcrossing	0.07	0.10	2.63	0.29	888	584	0.0050	0.0046	0.0024	0.0001	0.0007	0.0023	0.0005	0.0004	0.0001	0.0010	0.0041
448	2035	ALT2	OVR	MD	Overcrossing	0.05	0.07	1.79	0.20	629	415	0.0038	0.0035	0.0017	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0008	0.0039
449	2035	ALT2	OVR	MD	Overcrossing	0.06	0.08	1.98	0.21	677	443	0.0037	0.0034	0.0019	0.0001	0.0004	0.0016	0.0004	0.0003	0.0000	0.0005	0.0020
438	2035	ALT2	OVR	PM	Overcrossing	0.10	0.14	2.96	0.30	1130	737	0.0070	0.0065	0.0033	0.0002	0.0007	0.0026	0.0007	0.0006	0.0001	0.0006	0.0026
439	2035	ALT2	OVR	PM	Overcrossing	0.14	0.21	4.17	0.44	1618	1059	0.0104	0.0097	0.0047	0.0002	0.0012	0.0041	0.0011	0.0008	0.0001	0.0012	0.0061
440	2035	ALT2	OVR	PM	Overcrossing	0.11	0.16	3.80	0.40	1362	892	0.0081	0.0075	0.0038	0.0002	0.0010	0.0034	0.0009	0.0006	0.0001	0.0011	0.0051
441	2035	ALT2	OVR	PM	Overcrossing	0.15	0.22	4.28	0.46	1694	1110	0.0112	0.0104	0.0050	0.0003	0.0013	0.0045	0.0011	0.0009	0.0001	0.0014	0.0075
442	2035	ALT2	OVR	PM	Overcrossing	0.24	0.34	7.60	0.84	2803	1846	0.0178	0.0165	0.0079	0.0004	0.0024	0.0078	0.0018	0.0013	0.0002	0.0033	0.0167
443	2035	ALT2	OVR	PM	Overcrossing	0.11	0.15	3.49	0.40	1270	839	0.0081	0.0075	0.0035	0.0002	0.0012	0.0037	0.0008	0.0006	0.0001	0.0018	0.0090
444	2035	ALT2	OVR	PM	Overcrossing	0.07	0.10	2.47	0.27	870	571	0.0051	0.0047	0.0024	0.0001	0.0007	0.0022	0.0005	0.0004	0.0001	0.0008	0.0039
445	2035	ALT2	OVR	PM	Overcrossing	0.13	0.19	4.42	0.45	1567	1023	0.0090	0.0083	0.0044	0.0002	0.0010	0.0037	0.0010	0.0007	0.0001	0.0010	0.0044
446	2035	ALT2	OVR	PM	Overcrossing	0.14	0.20	3.57	0.38	1498	980	0.0104	0.0096	0.0046	0.0002	0.0011	0.0040	0.0010	0.0008	0.0001	0.0010	0.0063
447	2035	ALT2	OVR	PM	Overcrossing	0.08	0.12	2.81	0.29	998	653	0.0058	0.0054	0.0028	0.0001	0.0007	0.0024	0.0006	0.0004	0.0001	0.0008	0.0035
448	2035	ALT2	OVR	PM	Overcrossing	0.06	0.09	1.90	0.20	696	456	0.0043	0.0040	0.0020	0.0001	0.0005	0.0018	0.0004	0.0003	0.0000	0.0006	0.0030
449	2035	ALT2	OVR	PM	Overcrossing	0.05	0.07	1.79	0.18	622	406	0.0035	0.0032	0.0017	0.0001	0.0004	0.0014	0.0004	0.0003	0.0000	0.0004	0.0017
438	2035	ALT2	OVR	NT	Overcrossing	0.05	0.07	1.94	0.22	651	429	0.0037	0.0035	0.0018	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0009	0.0036
439	2035	ALT2	OVR	NT	Overcrossing	0.07	0.09	2.09	0.29	765	516	0.0057	0.0052	0.0021	0.0001	0.0011	0.0029	0.0004	0.0003	0.0001	0.0023	0.0107
440	2035	ALT2	OVR	NT	Overcrossing	0.05	0.07	1.65	0.22	582	392	0.0042	0.0038	0.0016	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0018	0.0073
441	2035	ALT2	OVR	NT	Overcrossing	0.07	0.09	2.16	0.30	790	534	0.0059	0.0054	0.0022	0.0001	0.0011	0.0030	0.0005	0.0003	0.0001	0.0025	0.0114

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavley+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
442	2035	ALT2	OVR	NT	Overcrossing	0.10	0.13	2.90	0.51	1117	780	0.0107	0.0098	0.0030	0.0001	0.0024	0.0058	0.0006	0.0004	0.0001	0.0065	0.0275
443	2035	ALT2	OVR	NT	Overcrossing	0.05	0.06	1.37	0.28	550	391	0.0063	0.0058	0.0014	0.0001	0.0014	0.0032	0.0003	0.0002	0.0000	0.0045	0.0160
444	2035	ALT2	OVR	NT	Overcrossing	0.05	0.07	1.58	0.25	581	399	0.0051	0.0047	0.0015	0.0001	0.0010	0.0025	0.0003	0.0002	0.0000	0.0030	0.0104
445	2035	ALT2	OVR	NT	Overcrossing	0.08	0.11	2.58	0.31	900	599	0.0058	0.0054	0.0024	0.0001	0.0010	0.0028	0.0005	0.0004	0.0001	0.0018	0.0079
446	2035	ALT2	OVR	NT	Overcrossing	0.04	0.06	1.42	0.19	511	343	0.0036	0.0033	0.0014	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0014	0.0063
447	2035	ALT2	OVR	NT	Overcrossing	0.04	0.06	1.44	0.18	494	330	0.0032	0.0030	0.0013	0.0001	0.0005	0.0015	0.0003	0.0002	0.0000	0.0012	0.0045
448	2035	ALT2	OVR	NT	Overcrossing	0.03	0.04	1.00	0.13	349	234	0.0024	0.0022	0.0009	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0010	0.0040
449	2035	ALT2	OVR	NT	Overcrossing	0.03	0.04	1.02	0.11	346	227	0.0020	0.0018	0.0009	0.0000	0.0003	0.0009	0.0002	0.0001	0.0000	0.0004	0.0017
438	2035	ALT3	OVR	AM	Overcrossing	0.05	0.08	1.74	0.18	627	408	0.0036	0.0034	0.0018	0.0001	0.0004	0.0014	0.0004	0.0003	0.0000	0.0003	0.0014
439	2035	ALT3	OVR	AM	Overcrossing	0.08	0.11	2.54	0.27	916	600	0.0055	0.0051	0.0026	0.0001	0.0007	0.0023	0.0006	0.0004	0.0001	0.0007	0.0035
440	2035	ALT3	OVR	AM	Overcrossing	0.05	0.08	1.89	0.21	646	424	0.0037	0.0034	0.0018	0.0001	0.0005	0.0016	0.0004	0.0003	0.0000	0.0007	0.0030
441	2035	ALT3	OVR	AM	Overcrossing	0.07	0.11	2.45	0.26	878	576	0.0053	0.0049	0.0025	0.0001	0.0007	0.0022	0.0005	0.0004	0.0001	0.0008	0.0039
442	2035	ALT3	OVR	AM	Overcrossing	0.11	0.16	3.93	0.45	1369	905	0.0084	0.0078	0.0037	0.0002	0.0013	0.0039	0.0008	0.0006	0.0001	0.0021	0.0095
443	2035	ALT3	OVR	AM	Overcrossing	0.05	0.07	1.75	0.21	595	394	0.0036	0.0034	0.0016	0.0001	0.0006	0.0017	0.0004	0.0002	0.0000	0.0011	0.0044
444	2035	ALT3	OVR	AM	Overcrossing	0.04	0.06	1.50	0.17	509	336	0.0030	0.0028	0.0014	0.0001	0.0004	0.0014	0.0003	0.0002	0.0000	0.0007	0.0031
445	2035	ALT3	OVR	AM	Overcrossing	0.07	0.10	2.61	0.27	893	584	0.0049	0.0046	0.0024	0.0001	0.0006	0.0021	0.0005	0.0004	0.0001	0.0006	0.0027
446	2035	ALT3	OVR	AM	Overcrossing	0.05	0.07	1.67	0.18	598	392	0.0036	0.0033	0.0017	0.0001	0.0004	0.0015	0.0004	0.0003	0.0000	0.0005	0.0025
447	2035	ALT3	OVR	AM	Overcrossing	0.04	0.06	1.63	0.17	544	356	0.0029	0.0027	0.0015	0.0001	0.0004	0.0013	0.0003	0.0002	0.0000	0.0004	0.0018
448	2035	ALT3	OVR	AM	Overcrossing	0.03	0.04	0.89	0.10	313	206	0.0018	0.0017	0.0009	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0003	0.0015
449	2035	ALT3	OVR	AM	Overcrossing	0.03	0.04	0.99	0.10	339	222	0.0018	0.0017	0.0009	0.0000	0.0002	0.0008	0.0002	0.0001	0.0000	0.0002	0.0009
438	2035	ALT3	OVR	MD	Overcrossing	0.09	0.13	3.05	0.31	1074	702	0.0061	0.0057	0.0030	0.0002	0.0007	0.0025	0.0007	0.0005	0.0001	0.0007	0.0031
439	2035	ALT3	OVR	MD	Overcrossing	0.15	0.21	4.66	0.51	1729	1138	0.0110	0.0102	0.0049	0.0003	0.0015	0.0048	0.0011	0.0008	0.0001	0.0020	0.0099
440	2035	ALT3	OVR	MD	Overcrossing	0.08	0.12	2.86	0.33	993	657	0.0061	0.0057	0.0027	0.0001	0.0009	0.0029	0.0006	0.0004	0.0001	0.0016	0.0073
441	2035	ALT3	OVR	MD	Overcrossing	0.12	0.17	3.80	0.44	1388	917	0.0090	0.0083	0.0039	0.0002	0.0013	0.0041	0.0009	0.0006	0.0001	0.0020	0.0101
442	2035	ALT3	OVR	MD	Overcrossing	0.22	0.31	7.40	0.92	2648	1765	0.0177	0.0164	0.0073	0.0004	0.0030	0.0086	0.0016	0.0011	0.0002	0.0055	0.0261
443	2035	ALT3	OVR	MD	Overcrossing	0.10	0.14	3.33	0.42	1171	783	0.0079	0.0073	0.0032	0.0002	0.0014	0.0039	0.0007	0.0005	0.0001	0.0028	0.0123
444	2035	ALT3	OVR	MD	Overcrossing	0.07	0.09	2.33	0.30	814	545	0.0055	0.0051	0.0022	0.0001	0.0010	0.0027	0.0005	0.0003	0.0001	0.0021	0.0087
445	2035	ALT3	OVR	MD	Overcrossing	0.13	0.18	4.46	0.48	1540	1010	0.0088	0.0082	0.0042	0.0002	0.0011	0.0038	0.0009	0.0007	0.0001	0.0014	0.0064
446	2035	ALT3	OVR	MD	Overcrossing	0.09	0.12	2.77	0.31	1008	664	0.0063	0.0059	0.0028	0.0001	0.0009	0.0028	0.0006	0.0005	0.0001	0.0012	0.0062
447	2035	ALT3	OVR	MD	Overcrossing	0.07	0.10	2.67	0.29	903	593	0.0051	0.0047	0.0024	0.0001	0.0007	0.0023	0.0005	0.0004	0.0001	0.0010	0.0041
448	2035	ALT3	OVR	MD	Overcrossing	0.05	0.07	1.77	0.20	622	410	0.0038	0.0035	0.0017	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0008	0.0038
449	2035	ALT3	OVR	MD	Overcrossing	0.05	0.07	1.80	0.19	617	403	0.0034	0.0032	0.0017	0.0001	0.0004	0.0014	0.0004	0.0003	0.0000	0.0004	0.0019
438	2035	ALT3	OVR	PM	Overcrossing	0.10	0.15	3.05	0.31	1164	759	0.0072	0.0067	0.0034	0.0002	0.0007	0.0027	0.0008	0.0006	0.0001	0.0005	0.0026
439	2035	ALT3	OVR	PM	Overcrossing	0.14	0.20	4.06	0.43	1565	1025	0.0100	0.0093	0.0046	0.0002	0.0011	0.0040	0.0010	0.0008	0.0001	0.0012	0.0062
440	2035	ALT3	OVR	PM	Overcrossing	0.10	0.14	3.40	0.36	1199	785	0.0070	0.0065	0.0033	0.0002	0.0009	0.0030	0.0007	0.0005	0.0001	0.0010	0.0047
441	2035	ALT3	OVR	PM	Overcrossing	0.14	0.21	4.15	0.45	1621	1064	0.0107	0.0099	0.0047	0.0002	0.0013	0.0044	0.0011	0.0008	0.0001	0.0015	0.0080
442	2035	ALT3	OVR	PM	Overcrossing	0.24	0.35	7.60	0.84	2810	1850	0.0179	0.0166	0.0079	0.0004	0.0024	0.0078	0.0018	0.0013	0.0002	0.0033	0.0167
443	2035	ALT3	OVR	PM	Overcrossing	0.12	0.17	3.79	0.43	1397	921	0.0089	0.0083	0.0039	0.0002	0.0012	0.0039	0.0009	0.0006	0.0001	0.0018	0.0088
444	2035	ALT3	OVR	PM	Overcrossing	0.07	0.10	2.47	0.26	876	575	0.0052	0.0048	0.0024	0.0001	0.0007	0.0022	0.0005	0.0004	0.0001	0.0008	0.0039
445	2035	ALT3	OVR	PM	Overcrossing	0.13	0.19	4.47	0.46	1590	1039	0.0092	0.0085	0.0044	0.0002	0.0010	0.0037	0.0010	0.0007	0.0001	0.0010	0.0047
446	2035	ALT3	OVR	PM	Overcrossing	0.14	0.20	3.59	0.38	1515	990	0.0105	0.0098	0.0047	0.0002	0.0012	0.0041	0.0010	0.0008	0.0001	0.0010	0.0064
447	2035	ALT3	OVR	PM	Overcrossing	0.09	0.13	2.91	0.30	1043	682	0.0061	0.0057	0.0029	0.0002	0.0007	0.0025	0.0007	0.0005	0.0001	0.0008	0.0037
448	2035	ALT3	OVR	PM	Overcrossing	0.06	0.08	1.85	0.20	683	447	0.0042	0.0039	0.0019	0.0001	0.0005	0.0018	0.0004	0.0003	0.0000	0.0006	0.0030
449	2035	ALT3	OVR	PM	Overcrossing	0.05	0.08	1.86	0.19	656	428	0.0037	0.0034	0.0018	0.0001	0.0004	0.0015	0.0004	0.0003	0.0000	0.0004	0.0016
438	2035	ALT3	OVR	NT	Overcrossing	0.05	0.08	1.96	0.22	657	433	0.0037	0.0035	0.0018	0.0001	0.0005	0.0017	0.0004	0.0003	0.0000	0.0009	0.0034
439	2035	ALT3	OVR	NT	Overcrossing	0.07	0.09	2.15	0.29	783	527	0.0057	0.0053	0.0021	0.0001	0.0011	0.0029	0.0005	0.0003	0.0001	0.0023	0.0106
440	2035	ALT3	OVR	NT	Overcrossing	0.05	0.07	1.63	0.22	576	388	0.0041	0.0038	0.0015	0.0001	0.0008	0.0021	0.0003	0.0002	0.0000	0.0017	0.0072
441	2035	ALT3	OVR	NT	Overcrossing	0.06	0.09	1.98	0.28	727	493	0.0056	0.0051	0.0020	0.0001	0.0011	0.0029	0.0004	0.0003	0.0000	0.0025	0.0113

MSAT and Criteria Pollutant Emissions in lb per time period per link

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	ROG	TOG	CO	NOx	CO2	CO2(Pavlel+LCFS)	PM10	PM2.5	Benzene	Acrolein	Acetaldehyde	Formaldehyde	Butadiene	Naphthalene	POM	DieselPM	DEOG
442	2035	ALT3	OVR	NT	Overcrossing	0.10	0.13	2.97	0.52	1140	794	0.0108	0.0099	0.0031	0.0001	0.0024	0.0058	0.0006	0.0004	0.0001	0.0065	0.0274
443	2035	ALT3	OVR	NT	Overcrossing	0.05	0.06	1.40	0.28	559	398	0.0063	0.0058	0.0015	0.0001	0.0014	0.0032	0.0003	0.0002	0.0000	0.0045	0.0161
444	2035	ALT3	OVR	NT	Overcrossing	0.05	0.07	1.62	0.25	592	406	0.0051	0.0047	0.0016	0.0001	0.0010	0.0025	0.0003	0.0002	0.0000	0.0030	0.0103
445	2035	ALT3	OVR	NT	Overcrossing	0.08	0.11	2.67	0.32	927	616	0.0059	0.0055	0.0025	0.0001	0.0010	0.0028	0.0006	0.0004	0.0001	0.0018	0.0077
446	2035	ALT3	OVR	NT	Overcrossing	0.04	0.06	1.47	0.19	527	353	0.0037	0.0034	0.0014	0.0001	0.0007	0.0018	0.0003	0.0002	0.0000	0.0014	0.0062
447	2035	ALT3	OVR	NT	Overcrossing	0.04	0.06	1.44	0.18	496	331	0.0032	0.0030	0.0013	0.0001	0.0005	0.0016	0.0003	0.0002	0.0000	0.0012	0.0046
448	2035	ALT3	OVR	NT	Overcrossing	0.03	0.04	0.99	0.13	346	232	0.0024	0.0022	0.0009	0.0000	0.0004	0.0012	0.0002	0.0001	0.0000	0.0010	0.0041
449	2035	ALT3	OVR	NT	Overcrossing	0.02	0.03	0.79	0.09	270	178	0.0016	0.0015	0.0007	0.0000	0.0002	0.0007	0.0002	0.0001	0.0000	0.0004	0.0016

Emission Factors

EMFAC2011-PL Output

Region_Type	Region	CalYr	Season	Veh	Fuel	Veh & Tech	MdlYr	Speed	ROG_RUNEX	TOG_RUNEX	CO_RUNEX	NOx_RUNEX	CO2_RUNEX	CO2(Pavley I + LCFS)_RUNEX	PM10_RUNEX	PM2_5_RUNEX	SOx_RUNEX	PM10 (ex+BWTW)	PM2.5 (EX+BWTW)
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	5	0.154	0.235	1.963	0.227	1,377.813	938.707	0.013	0.012	0.004	0.059	0.031
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	10	0.100	0.148	1.607	0.179	1,016.729	694.051	0.009	0.008	0.004	0.054	0.026
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	15	0.073	0.108	1.537	0.160	791.411	539.831	0.006	0.005	0.004	0.052	0.024
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	20	0.053	0.077	1.343	0.136	631.890	431.227	0.004	0.004	0.004	0.050	0.022
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	25	0.043	0.062	1.279	0.132	522.431	356.374	0.003	0.003	0.004	0.049	0.021
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	30	0.036	0.051	1.206	0.127	449.596	306.649	0.002	0.002	0.004	0.048	0.020
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	35	0.032	0.045	1.133	0.122	401.937	274.156	0.002	0.002	0.004	0.048	0.020
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	40	0.031	0.042	1.101	0.123	373.320	254.540	0.002	0.002	0.004	0.048	0.020
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	45	0.031	0.042	1.109	0.130	359.714	245.036	0.002	0.001	0.004	0.047	0.020
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	50	0.032	0.043	1.063	0.130	359.615	244.983	0.002	0.001	0.004	0.047	0.020
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	55	0.034	0.046	1.019	0.130	372.436	253.785	0.002	0.001	0.004	0.047	0.020
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	60	0.039	0.051	0.985	0.131	398.294	271.561	0.002	0.002	0.004	0.048	0.020
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	65	0.050	0.065	1.134	0.158	445.129	302.866	0.002	0.002	0.004	0.048	0.020
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	70	0.064	0.082	1.326	0.180	473.251	321.636	0.002	0.002	0.004	0.048	0.020
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	5	1.329	1.523	4.198	3.841	2,778.335	2,500.501	0.052	0.048	0.010	0.135	0.080
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	10	0.801	0.920	2.925	2.965	2,300.910	2,070.819	0.046	0.043	0.010	0.130	0.075
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	15	0.429	0.494	1.863	2.288	1,822.924	1,640.632	0.041	0.038	0.010	0.124	0.070
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	20	0.208	0.240	1.193	1.794	1,431.891	1,288.702	0.036	0.033	0.010	0.119	0.065
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	25	0.177	0.205	1.004	1.630	1,291.095	1,161.986	0.033	0.030	0.010	0.117	0.062
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	30	0.152	0.176	0.881	1.497	1,187.430	1,068.687	0.032	0.029	0.010	0.115	0.061
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	35	0.132	0.152	0.802	1.392	1,111.030	999.927	0.032	0.030	0.010	0.116	0.062
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	40	0.115	0.133	0.763	1.320	1,056.425	950.782	0.034	0.031	0.010	0.117	0.063
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	45	0.102	0.118	0.754	1.280	1,020.719	918.647	0.036	0.033	0.010	0.120	0.065
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	50	0.092	0.107	0.773	1.273	1,002.700	902.430	0.040	0.037	0.010	0.124	0.069
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	55	0.085	0.098	0.812	1.299	1,002.483	902.235	0.045	0.042	0.010	0.129	0.074
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	60	0.085	0.098	0.812	1.299	1,002.483	902.235	0.045	0.042	0.010	0.129	0.074
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	65	0.085	0.098	0.812	1.299	1,002.483	902.235	0.045	0.042	0.010	0.129	0.074
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	70	0.085	0.098	0.812	1.299	1,002.483	902.235	0.045	0.042	0.010	0.129	0.074
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	5	0.117	0.186	1.542	0.166	1,391.694	903.602	0.014	0.013	0.004	0.060	0.031
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	10	0.078	0.121	1.311	0.137	1,029.073	669.103	0.009	0.008	0.004	0.055	0.026
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	15	0.056	0.085	1.233	0.121	798.666	519.068	0.006	0.006	0.004	0.052	0.024
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	20	0.041	0.062	1.099	0.105	637.947	414.636	0.004	0.004	0.004	0.050	0.022
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	25	0.033	0.049	1.047	0.101	527.179	342.597	0.003	0.003	0.004	0.049	0.021
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	30	0.028	0.041	0.998	0.098	453.939	294.994	0.002	0.002	0.004	0.048	0.021
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	35	0.025	0.036	0.939	0.094	406.006	263.879	0.002	0.002	0.004	0.048	0.020
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	40	0.024	0.033	0.912	0.094	376.651	244.767	0.002	0.002	0.004	0.048	0.020
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	45	0.024	0.034	0.930	0.100	363.112	235.832	0.002	0.002	0.004	0.048	0.020
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	50	0.025	0.034	0.888	0.099	362.976	235.757	0.002	0.001	0.004	0.047	0.020
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	55	0.027	0.037	0.840	0.098	376.017	244.280	0.002	0.002	0.004	0.048	0.020
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	60	0.031	0.042	0.824	0.101	400.271	260.064	0.002	0.002	0.004	0.048	0.020
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	65	0.040	0.053	0.941	0.116	450.456	292.312	0.002	0.002	0.004	0.048	0.020
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	70	0.051	0.066	1.085	0.131	476.893	309.413	0.002	0.002	0.004	0.048	0.020

County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	5	1.307	1.497	3.873	3.638	2,835.044	2,551.539	0.049	0.045	0.011	0.133	0.077
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	10	0.777	0.892	2.660	2.782	2,347.487	2,112.738	0.044	0.041	0.011	0.129	0.073
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	15	0.408	0.469	1.674	2.131	1,864.361	1,677.925	0.039	0.036	0.011	0.124	0.068
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	20	0.189	0.219	1.053	1.650	1,464.889	1,318.400	0.035	0.032	0.011	0.119	0.064
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	25	0.163	0.188	0.898	1.494	1,324.042	1,191.638	0.032	0.030	0.011	0.117	0.062
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	30	0.141	0.163	0.797	1.364	1,219.532	1,097.579	0.031	0.029	0.011	0.116	0.061
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	35	0.123	0.141	0.733	1.259	1,141.970	1,027.773	0.032	0.029	0.011	0.116	0.061
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	40	0.108	0.124	0.700	1.182	1,086.146	977.531	0.033	0.031	0.011	0.118	0.063
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	45	0.096	0.110	0.696	1.134	1,049.303	944.373	0.036	0.033	0.011	0.121	0.066
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	50	0.086	0.099	0.715	1.115	1,030.288	927.259	0.040	0.037	0.011	0.125	0.069
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	55	0.079	0.091	0.748	1.120	1,029.213	926.292	0.046	0.042	0.011	0.130	0.074
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	60	0.079	0.091	0.748	1.120	1,029.213	926.292	0.046	0.042	0.011	0.130	0.074
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	65	0.079	0.091	0.748	1.120	1,029.213	926.292	0.046	0.042	0.011	0.130	0.074
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	70	0.079	0.091	0.748	1.120	1,029.213	926.292	0.046	0.042	0.011	0.130	0.074
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	5	0.482	0.646	5.913	0.560	1,365.486	1,305.758	0.018	0.016	0.004	0.064	0.035
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	10	0.299	0.400	4.591	0.443	1,009.941	966.210	0.012	0.011	0.004	0.058	0.029
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	15	0.215	0.284	3.968	0.393	775.364	741.752	0.008	0.007	0.004	0.054	0.026
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	20	0.157	0.206	3.457	0.343	622.988	596.003	0.006	0.005	0.004	0.052	0.024
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	25	0.133	0.172	3.261	0.338	516.697	494.195	0.005	0.004	0.004	0.050	0.022
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	30	0.112	0.144	3.015	0.325	444.833	425.434	0.004	0.003	0.004	0.050	0.022
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	35	0.097	0.124	2.790	0.312	397.619	380.286	0.003	0.003	0.004	0.049	0.021
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	40	0.092	0.117	2.725	0.318	369.109	352.951	0.003	0.003	0.004	0.049	0.021
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	45	0.096	0.120	2.787	0.341	355.557	339.864	0.003	0.002	0.004	0.049	0.021
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	50	0.095	0.118	2.724	0.341	356.064	340.355	0.003	0.002	0.004	0.048	0.021
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	55	0.098	0.121	2.698	0.343	369.550	353.275	0.003	0.002	0.004	0.049	0.021
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	60	0.105	0.129	2.720	0.348	394.701	377.382	0.003	0.003	0.004	0.049	0.021
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	65	0.138	0.168	3.291	0.422	437.281	417.835	0.003	0.003	0.004	0.049	0.021
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	70	0.182	0.219	4.147	0.502	473.596	452.134	0.004	0.003	0.004	0.049	0.021
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	5	3.200	3.652	9.924	14.899	2,710.429	2,696.877	0.425	0.391	0.010	0.508	0.423
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	10	1.970	2.250	7.257	11.034	2,245.709	2,234.481	0.320	0.294	0.010	0.402	0.326
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	15	1.074	1.229	4.840	8.236	1,773.545	1,764.677	0.236	0.217	0.010	0.319	0.249
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	20	0.525	0.602	3.278	6.411	1,393.085	1,386.120	0.171	0.157	0.010	0.253	0.189
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	25	0.431	0.494	2.698	5.943	1,251.993	1,245.733	0.151	0.139	0.010	0.233	0.170
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	30	0.357	0.409	2.291	5.562	1,149.219	1,143.473	0.137	0.126	0.010	0.220	0.158
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	35	0.300	0.344	2.009	5.266	1,074.220	1,068.849	0.131	0.120	0.010	0.213	0.152
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	40	0.258	0.296	1.846	5.070	1,021.147	1,016.042	0.130	0.120	0.010	0.213	0.152
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	45	0.229	0.263	1.771	4.974	986.906	981.972	0.136	0.125	0.010	0.219	0.157
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	50	0.212	0.244	1.777	4.974	970.205	965.354	0.149	0.137	0.010	0.231	0.169
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	55	0.205	0.235	1.842	5.069	971.167	966.311	0.167	0.154	0.010	0.250	0.186
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	60	0.205	0.235	1.842	5.069	971.167	966.311	0.167	0.154	0.010	0.250	0.186
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	65	0.205	0.235	1.842	5.069	971.167	966.311	0.167	0.154	0.010	0.250	0.186
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	70	0.205	0.235	1.842	5.069	971.167	966.311	0.167	0.154	0.010	0.250	0.186
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	5	0.108	0.172	1.385	0.188	1,338.291	867.284	0.015	0.014	0.005	0.063	0.033
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	10	0.073	0.114	1.230	0.159	996.794	647.358	0.010	0.009	0.005	0.057	0.028
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	15	0.050	0.077	1.084	0.133	767.332	498.968	0.007	0.006	0.005	0.054	0.025
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	20	0.037	0.055	0.973	0.115	613.570	399.358	0.005	0.004	0.005	0.052	0.023
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	25	0.029	0.043	0.895	0.105	510.493	332.592	0.004	0.003	0.005	0.051	0.022

County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	30	0.024	0.035	0.828	0.098	440.403	287.188	0.003	0.003	0.005	0.051	0.022
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	35	0.021	0.031	0.783	0.094	394.510	257.342	0.002	0.002	0.005	0.050	0.021
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	40	0.020	0.028	0.743	0.091	367.323	239.667	0.002	0.002	0.005	0.050	0.021
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	45	0.019	0.027	0.693	0.089	354.122	231.217	0.002	0.002	0.005	0.050	0.021
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	50	0.020	0.027	0.664	0.091	353.949	231.099	0.002	0.002	0.005	0.050	0.021
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	55	0.022	0.030	0.651	0.096	365.269	238.323	0.002	0.002	0.005	0.050	0.021
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	60	0.025	0.033	0.632	0.104	387.782	253.043	0.002	0.002	0.005	0.050	0.021
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	65	0.030	0.040	0.664	0.109	431.209	281.051	0.002	0.002	0.005	0.050	0.021
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	70	0.040	0.053	0.857	0.127	466.081	301.932	0.002	0.002	0.005	0.050	0.021
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	5	1.126	1.293	3.355	3.172	2,806.265	2,525.638	0.041	0.038	0.010	0.122	0.069
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	10	0.671	0.773	2.349	2.428	2,314.958	2,083.462	0.038	0.035	0.010	0.119	0.066
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	15	0.352	0.407	1.474	1.860	1,802.932	1,622.639	0.034	0.031	0.010	0.114	0.062
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	20	0.163	0.190	0.918	1.443	1,401.091	1,260.982	0.029	0.027	0.010	0.110	0.058
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	25	0.140	0.163	0.781	1.307	1,244.382	1,119.944	0.028	0.025	0.010	0.108	0.057
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	30	0.121	0.141	0.691	1.195	1,132.244	1,019.019	0.027	0.025	0.010	0.108	0.056
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	35	0.106	0.122	0.639	1.105	1,051.776	946.598	0.027	0.025	0.010	0.108	0.057
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	40	0.093	0.107	0.613	1.038	995.824	896.241	0.029	0.027	0.010	0.110	0.058
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	45	0.082	0.095	0.602	0.993	960.601	864.541	0.032	0.029	0.010	0.112	0.060
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	50	0.074	0.085	0.609	0.970	944.523	850.071	0.035	0.032	0.010	0.116	0.064
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	55	0.068	0.078	0.640	0.974	947.740	852.966	0.040	0.037	0.010	0.120	0.068
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	60	0.068	0.078	0.640	0.974	947.740	852.966	0.040	0.037	0.010	0.120	0.068
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	65	0.068	0.078	0.640	0.974	947.740	852.966	0.040	0.037	0.010	0.120	0.068
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	70	0.068	0.078	0.640	0.974	947.740	852.966	0.040	0.037	0.010	0.120	0.068

Brake and Tire wear emissions

Region_Ty	Region	CalYr	Season	Veh	Fuel	Veh & Tech	MdlYr	Speed	PM10_PMT	PM10_PMB	PM2_5_PM	PM2_5_PMBW
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	AllSpe	0.008	0.038	0.002	0.016
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	AllSpe	0.021	0.062	0.005	0.027
County	San Bernardino	2045	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	AllSpe	0.008	0.038	0.002	0.016
County	San Bernardino	2045	Annual	T	TOT	Trucks - TOT	AllMYr	AllSpe	0.022	0.062	0.005	0.027
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	AllSpe	0.008	0.038	0.002	0.016
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	AllSpe	0.020	0.062	0.005	0.027
County	San Bernardino	2035	Annual	Non-Trucks	TOT	Non-Trucks - TOT	AllMYr	AllSpe	0.008	0.040	0.002	0.017
County	San Bernardino	2035	Annual	Trucks	TOT	Trucks - TOT	AllMYr	AllSpe	0.019	0.062	0.005	0.026

Idling Emissions

Region_Ty	Region	CalYr	Season	Veh	Fuel	Veh & Tech	MdlYr	Speed	PM10_IDLE	PM2_5_IDLEX
County	San Bernardino	2012	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	AllSpe	0.085	0.078
County	San Bernardino	2012	Annual	T	TOT	Trucks - TOT	AllMYr	AllSpe	0.439	0.404
County	San Bernardino	2025	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	AllSpe	0.065	0.060
County	San Bernardino	2025	Annual	T	TOT	Trucks - TOT	AllMYr	AllSpe	0.138	0.127
County	San Bernardino	2035	Annual	NT	TOT	Non-Trucks - TOT	AllMYr	AllSpe	0.067	0.062
County	San Bernardino	2035	Annual	T	TOT	Trucks - TOT	AllMYr	AllSpe	0.112	0.103

County	San Bernardino	2045 Annual	NT	TOT	Non-Trucks - TOT	AllMYr	AllSpe	0.067	0.062
County	San Bernardino	2045 Annual	T	TOT	Trucks - TOT	AllMYr	AllSpe	0.112	0.103

MSAT Emission Factors (g/mile) - data obtained from CTEMFAC

2012 Non-Truck	Speed in mph															
Pollutant Name	**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**	**55**	**60**	**65**	**70**	**75**	**80**
ROG	0.733679	0.505261	0.358292	0.267017	0.209754	0.172984	0.149814	0.136181	0.130153	0.130527	0.137615	0.152206	0.178063	0.205621	0.205621	0.205621
TOG	0.948606	0.646231	0.453954	0.335821	0.261627	0.214336	0.184515	0.166872	0.158469	0.15823	0.166043	0.183153	0.213124	0.244263	0.244263	0.244263
CO	8.314653	6.967962	5.891702	5.13648	4.560518	4.142608	3.831424	3.621565	3.457025	3.410116	3.45837	3.6588	4.039177	4.530009	4.530009	4.530009
NOx	0.78889	0.669269	0.589445	0.528566	0.489305	0.459662	0.440217	0.427531	0.42672	0.42954	0.440701	0.457224	0.48801	0.505299	0.505299	0.505299
CO2	1369.536	1024.189	784.6125	626.9775	518.8417	447.1053	399.8095	371.9735	356.3252	356.4907	369.4519	399.2319	443.2124	474.6795	474.6795	474.6795
CO2 (Pavley I + LCFS)	1307.542	977.8846	749.1529	598.6408	495.4097	426.923	381.7699	355.1902	340.2575	340.4113	352.7831	381.2032	423.1942	453.2522	453.2522	453.2522
PM10	0.018367	0.01225	0.008436	0.006059	0.004655	0.003753	0.003171	0.00281	0.002615	0.002556	0.002623	0.002821	0.003149	0.003418	0.003418	0.003418
PM2.5	0.016709	0.011133	0.007657	0.005493	0.004216	0.003396	0.002867	0.002538	0.00236	0.002305	0.002364	0.002541	0.002834	0.003075	0.003075	0.003075
Benzene	0.025419	0.017364	0.012225	0.009065	0.007077	0.00581	0.005014	0.004546	0.00433	0.004336	0.004565	0.005052	0.005902	0.006807	0.006807	0.006807
Acrolein	0.001362	0.000931	0.000656	0.000487	0.00038	0.000312	0.00027	0.000244	0.000233	0.000233	0.000246	0.000272	0.000318	0.000367	0.000367	0.000367
Acetaldehyde	0.005436	0.003735	0.002595	0.001887	0.001482	0.001224	0.00106	0.000964	0.000921	0.000925	0.000978	0.001087	0.001273	0.001483	0.001483	0.001483
Formaldehyde	0.020145	0.013791	0.009639	0.007073	0.005536	0.004555	0.003936	0.003571	0.003404	0.003412	0.003596	0.003985	0.004657	0.005391	0.005391	0.005391
Butadiene	0.005878	0.004019	0.002833	0.002103	0.001643	0.00135	0.001166	0.001058	0.001008	0.001011	0.001065	0.00118	0.00138	0.001595	0.001595	0.001595
Naphthalene	0.001423	0.000927	0.000635	0.000458	0.000347	0.000277	0.000232	0.000204	0.000188	0.000182	0.000185	0.000198	0.000223	0.000241	0.000241	0.000241
POM	0.00021	0.000138	0.000095	0.000068	0.000052	0.000042	0.000035	0.000031	0.000028	0.000028	0.000028	0.00003	0.000034	0.000037	0.000037	0.000037
Diesel PM	0.002237	0.001745	0.001241	0.000873	0.000724	0.000621	0.00055	0.000506	0.000489	0.000496	0.000526	0.000579	0.000629	0.000693	0.000693	0.000693
DEOG	0.007925	0.005404	0.003159	0.001692	0.001355	0.001124	0.00095	0.000826	0.000745	0.000704	0.000701	0.000736	0.000769	0.000821	0.000821	0.000821

2012 Truck	Speed in mph															
Pollutant Name	**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**	**55**	**60**	**65**	**70**	**75**	**80**
ROG	3.851604	2.360997	1.276108	0.616242	0.50666	0.421939	0.35638	0.306831	0.271106	0.248398	0.237675	0.238808	0.251241	0.275126	0.275126	0.275126
TOG	4.400858	2.70078	1.461414	0.707592	0.581201	0.483683	0.408347	0.351469	0.310497	0.284447	0.272131	0.273371	0.287547	0.314832	0.314832	0.314832
CO	11.09282	8.052242	5.291266	3.511651	2.891178	2.476195	2.201529	2.032509	1.948292	1.944231	2.017403	2.17956	2.444467	2.848604	2.848604	2.848604
NOx	17.182	12.79975	9.561619	7.401241	6.805346	6.322768	5.95047	5.686037	5.535632	5.493979	5.575947	5.785294	6.156271	6.722032	6.722032	6.722032
CO2	2910.208	2413.001	1933.369	1525.627	1389.654	1286.614	1208.714	1151.629	1113.071	1092.083	1088.757	1104.261	1141.187	1204.351	1204.351	1204.351
CO2 (Pavley I + LCFS)	2895.657	2400.936	1923.702	1517.999	1382.706	1280.181	1202.67	1145.87	1107.506	1086.623	1083.313	1098.74	1135.481	1198.329	1198.329	1198.329
PM10	0.447659	0.344764	0.261412	0.195239	0.174459	0.161547	0.156291	0.158549	0.168222	0.185249	0.209584	0.241202	0.280086	0.326234	0.326234	0.326234
PM2.5	0.411835	0.317174	0.240494	0.179615	0.160499	0.148621	0.143786	0.145863	0.154764	0.170428	0.192817	0.221904	0.257678	0.300134	0.300134	0.300134
Benzene	0.089614	0.055294	0.03008	0.014743	0.012053	0.009999	0.008424	0.007242	0.006392	0.005852	0.005594	0.005616	0.005901	0.006455	0.006455	0.006455
Acrolein	0.000499	0.000402	0.000269	0.000188	0.000136	0.000103	0.000082	0.000068	0.000057	0.000052	0.000048	0.000047	0.000047	0.000049	0.000049	0.000049
Acetaldehyde	0.296442	0.176704	0.092809	0.041814	0.035336	0.029958	0.025594	0.02219	0.019704	0.018114	0.017401	0.017556	0.018571	0.020446	0.020446	0.020446
Formaldehyde	0.596909	0.356586	0.187716	0.085067	0.071719	0.060713	0.051821	0.044902	0.039857	0.03663	0.035178	0.035479	0.037514	0.041283	0.041283	0.041283
Butadiene	0.009709	0.006217	0.003504	0.001851	0.001472	0.001197	0.000995	0.000849	0.000745	0.00068	0.000647	0.000645	0.000674	0.000732	0.000732	0.000732
Naphthalene	0.000833	0.000651	0.000475	0.000348	0.000295	0.000261	0.000244	0.000239	0.000246	0.000265	0.000295	0.000335	0.000385	0.000446	0.000446	0.000446
POM	0.001943	0.001498	0.001133	0.000846	0.000754	0.000697	0.000674	0.000683	0.000724	0.000796	0.000901	0.001036	0.001203	0.001401	0.001401	0.001401
Diesel PM	0.444699	0.34238	0.259818	0.194127	0.17365	0.160935	0.155808	0.15815	0.167881	0.184943	0.2093	0.240924	0.279805	0.325937	0.325937	0.325937
DEOG	4.014236	2.389193	1.252834	0.562146	0.475835	0.403841	0.345253	0.299444	0.26598	0.244564	0.234992	0.237138	0.250928	0.276339	0.276339	0.276339

2025 Non-Truck	Speed in mph															
Pollutant Name	**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**	**55**	**60**	**65**	**70**	**75**	**80**
ROG	0.208916	0.144337	0.103752	0.077031	0.06096	0.050925	0.044924	0.041804	0.041045	0.042595	0.046586	0.053839	0.065651	0.082746	0.082746	0.082746
TOG	0.313611	0.209982	0.149376	0.109238	0.085148	0.070111	0.061028	0.056069	0.05424	0.055665	0.060092	0.068803	0.082923	0.101803	0.101803	0.101803
CO	2.646137	2.303605	2.143145	1.922975	1.758401	1.620956	1.510725	1.419967	1.338926	1.299903	1.271229	1.302146	1.374936	1.542311	1.542311	1.542311

NOx	0.303403	0.267587	0.226147	0.203254	0.185693	0.173065	0.164006	0.158423	0.156505	0.155859	0.159978	0.164731	0.172647	0.182081	0.182081	0.182081
CO2	1391.644	1014.943	797.1755	633.3078	525.6432	452.815	405.3814	376.3802	360.916	362.0748	373.575	404.8029	451.5537	475.8135	475.8135	475.8135
CO2 (Pavley I + LCFS)	946.5217	690.9385	542.5351	431.0212	357.8007	308.2869	276.0395	256.3275	245.8312	246.6203	254.4666	275.7066	307.5189	324.2393	324.2393	324.2393
PM10	0.013284	0.008512	0.005706	0.004026	0.003006	0.002367	0.001965	0.00172	0.001587	0.001543	0.001581	0.001703	0.00192	0.002091	0.002091	0.002091
PM2.5	0.012321	0.007894	0.005291	0.003733	0.002787	0.002195	0.001822	0.001594	0.001471	0.00143	0.001465	0.001578	0.001779	0.001938	0.001938	0.001938
Benzene	0.006937	0.00472	0.003377	0.002492	0.001959	0.001627	0.001428	0.001324	0.001294	0.001339	0.00146	0.001684	0.002048	0.002553	0.002553	0.002553
Acrolein	0.000369	0.000251	0.00018	0.000133	0.000105	0.000087	0.000076	0.000071	0.000069	0.000072	0.000078	0.00009	0.00011	0.000137	0.000137	0.000137
Acetaldehyde	0.001202	0.000856	0.000597	0.000433	0.000348	0.000295	0.000264	0.000248	0.000245	0.000256	0.000282	0.000327	0.0004	0.000509	0.000509	0.000509
Formaldehyde	0.005141	0.003555	0.00251	0.001834	0.001453	0.001216	0.001073	0.000999	0.000979	0.001015	0.001109	0.001281	0.001559	0.001957	0.001957	0.001957
Butadiene	0.001546	0.001057	0.000758	0.000561	0.000442	0.000368	0.000324	0.000301	0.000295	0.000306	0.000335	0.000387	0.000472	0.000591	0.000591	0.000591
Naphthalene	0.00112	0.000708	0.000472	0.000332	0.000246	0.000192	0.000158	0.000137	0.000126	0.000121	0.000123	0.000132	0.000149	0.000162	0.000162	0.000162
POM	0.00016	0.000102	0.000068	0.000048	0.000036	0.000028	0.000023	0.00002	0.000018	0.000018	0.000018	0.000019	0.000022	0.000024	0.000024	0.000024
Diesel PM	0.000571	0.000475	0.000349	0.000261	0.000216	0.000187	0.00017	0.000162	0.000162	0.000169	0.000185	0.000207	0.00023	0.000258	0.000258	0.000258
DEOG	0.00346	0.002426	0.001405	0.0008	0.00064	0.000537	0.00046	0.000403	0.000364	0.000341	0.000332	0.000339	0.000352	0.000374	0.000374	0.000374

2025 Truck	**Speed in mph**															
Pollutant Name	**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**	**55**	**60**	**65**	**70**	**75**	**80**
ROG	1.556779	0.935601	0.498015	0.237986	0.203313	0.174856	0.151467	0.132351	0.117027	0.105268	0.096832	0.091663	0.089652	0.090742	0.090742	0.090742
TOG	1.782411	1.073255	0.572422	0.274739	0.234233	0.201167	0.174093	0.152036	0.1344	0.120888	0.111213	0.105304	0.10303	0.104323	0.104323	0.104323
CO	4.61389	3.201604	2.022015	1.277805	1.079599	0.951825	0.873331	0.830976	0.817633	0.831469	0.87102	0.940484	1.043826	1.189148	1.189148	1.189148
NOx	4.308784	3.33122	2.561502	1.999399	1.806961	1.651057	1.529119	1.44136	1.389104	1.371205	1.392111	1.454178	1.567563	1.746979	1.746979	1.746979
CO2	2970.856	2461.868	1976.567	1559.004	1423.151	1319.214	1239.989	1181.484	1141.582	1119.4	1115.022	1129.529	1165.313	1226.827	1226.827	1226.827
CO2 (Pavley I + LCFS)	2673.77	2215.681	1778.91	1403.103	1280.836	1187.292	1115.99	1063.335	1027.424	1007.46	1003.52	1016.576	1048.782	1104.144	1104.144	1104.144
PM10	0.058093	0.052717	0.046508	0.040843	0.037941	0.036683	0.036964	0.038715	0.041888	0.04645	0.052378	0.059659	0.068285	0.078255	0.078255	0.078255
PM2.5	0.05345	0.048504	0.04279	0.037578	0.034907	0.033749	0.034008	0.035619	0.038538	0.042735	0.048188	0.054887	0.062823	0.071995	0.071995	0.071995
Benzene	0.035737	0.021532	0.011493	0.005524	0.004706	0.00404	0.003495	0.003052	0.002697	0.002426	0.002232	0.002114	0.002068	0.002095	0.002095	0.002095
Acrolein	0.000086	0.000068	0.000046	0.000032	0.000024	0.000018	0.000014	0.000012	0.00001	0.000009	0.000008	0.000008	0.000008	0.000009	0.000009	0.000009
Acetaldehyde	0.125611	0.074575	0.039147	0.018157	0.015737	0.013667	0.011911	0.010445	0.009254	0.008326	0.007654	0.007232	0.007059	0.007132	0.007132	0.007132
Formaldehyde	0.252022	0.149758	0.078694	0.036584	0.031672	0.027485	0.023942	0.020991	0.018595	0.01673	0.015379	0.014534	0.014188	0.014338	0.014338	0.014338
Butadiene	0.003595	0.002205	0.0012	0.0006	0.000502	0.000425	0.000365	0.000317	0.000279	0.000251	0.000231	0.00022	0.000215	0.000218	0.000218	0.000218
Naphthalene	0.000135	0.000116	0.000092	0.000075	0.000065	0.00006	0.000058	0.000058	0.000061	0.000066	0.000073	0.000082	0.000094	0.000107	0.000107	0.000107
POM	0.000254	0.00023	0.000202	0.000177	0.000164	0.000158	0.000159	0.000167	0.00018	0.000199	0.000225	0.000256	0.000293	0.000336	0.000336	0.000336
Diesel PM	0.057407	0.052165	0.046138	0.040585	0.037754	0.036541	0.036852	0.038623	0.041809	0.046379	0.052312	0.059595	0.068221	0.078186	0.078186	0.078186
DEOG	1.705843	1.012249	0.531064	0.24602	0.213355	0.185357	0.161582	0.141724	0.125573	0.112982	0.103854	0.098126	0.095763	0.096752	0.096752	0.096752

2035 Non-Truck	**Speed in mph**															
Pollutant Name	**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**	**55**	**60**	**65**	**70**	**75**	**80**
ROG	0.154207	0.107974	0.076057	0.056409	0.044772	0.037523	0.033292	0.03119	0.030895	0.032324	0.035718	0.041645	0.051245	0.06539	0.06539	0.06539
TOG	0.244926	0.165987	0.115106	0.083866	0.065375	0.0538	0.046961	0.043269	0.042085	0.043414	0.047173	0.05429	0.066022	0.081583	0.081583	0.081583
CO	2.12856	1.924592	1.747967	1.577923	1.452881	1.339933	1.252829	1.175495	1.108713	1.071608	1.043626	1.054977	1.118182	1.245064	1.245064	1.245064
NOx	0.224177	0.195711	0.171083	0.154306	0.140778	0.131429	0.124205	0.119817	0.117787	0.116971	0.119286	0.123308	0.126238	0.133266	0.133266	0.133266
CO2	1405.688	1042.748	804.2613	639.1782	531.3222	457.1731	409.6955	380.0201	364.7804	365.5016	377.1794	405.7818	457.149	479.7867	479.7867	479.7867
CO2 (Pavley I + LCFS)	912.7194	677.7029	522.5796	415.2723	345.2271	297.103	266.2886	247.0363	237.1591	237.6309	245.2337	263.8224	297.1627	312.1278	312.1278	312.1278
PM10	0.013807	0.008773	0.005858	0.004125	0.003068	0.002408	0.001996	0.001745	0.001611	0.001567	0.001607	0.001733	0.001959	0.002135	0.002135	0.002135
PM2.5	0.012808	0.008137	0.005433	0.003826	0.002845	0.002233	0.001851	0.001618	0.001493	0.001453	0.001489	0.001607	0.001816	0.001979	0.001979	0.001979
Benzene	0.005429	0.003736	0.002612	0.001922	0.001511	0.001255	0.001105	0.001028	0.001009	0.00105	0.001151	0.001335	0.001634	0.00205	0.00205	0.00205
Acrolein	0.000288	0.000198	0.000139	0.000103	0.000081	0.000067	0.000059	0.000055	0.000054	0.000056	0.000062	0.000072	0.000088	0.00011	0.00011	0.00011

Acetaldehyde	0.001	0.000713	0.000484	0.000346	0.000279	0.000237	0.000212	0.0002	0.000198	0.000206	0.000227	0.000264	0.000323	0.000413	0.000413	0.000413
Formaldehyde	0.004133	0.002879	0.001982	0.001435	0.001139	0.000954	0.000845	0.000788	0.000775	0.000806	0.000883	0.001024	0.00125	0.001578	0.001578	0.001578
Butadiene	0.001209	0.000836	0.000587	0.000433	0.000341	0.000284	0.000251	0.000234	0.00023	0.00024	0.000264	0.000307	0.000376	0.000474	0.000474	0.000474
Naphthalene	0.001186	0.000747	0.000496	0.000347	0.000257	0.0002	0.000165	0.000143	0.000131	0.000126	0.000129	0.000138	0.000156	0.00017	0.00017	0.00017
POM	0.000168	0.000106	0.000071	0.00005	0.000037	0.000029	0.000024	0.000021	0.000019	0.000018	0.000019	0.00002	0.000023	0.000025	0.000025	0.000025
Diesel PM	0.000341	0.000295	0.000228	0.000181	0.000153	0.000136	0.000127	0.000125	0.000128	0.000136	0.000149	0.000167	0.000185	0.000207	0.000207	0.000207
DEOG	0.003471	0.002384	0.001338	0.000731	0.000595	0.000506	0.000438	0.000385	0.000347	0.000321	0.000307	0.000306	0.000314	0.000332	0.000332	0.000332

2035 Truck	**Speed in mph**															
Pollutant Name	**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**	**55**	**60**	**65**	**70**	**75**	**80**
ROG	1.542709	0.914846	0.478069	0.219622	0.189597	0.164151	0.142729	0.124904	0.110445	0.099209	0.091079	0.086003	0.08396	0.084891	0.084891	0.084891
TOG	1.764026	1.047731	0.548443	0.252942	0.21797	0.188487	0.163757	0.14324	0.126633	0.113744	0.104437	0.098637	0.096324	0.09742	0.09742	0.09742
CO	4.330953	2.965264	1.848371	1.146988	0.982842	0.875884	0.810409	0.775534	0.766222	0.780304	0.8172	0.878883	0.970844	1.096967	1.096967	1.096967
NOx	4.178424	3.194567	2.43848	1.88165	1.696227	1.54306	1.420157	1.328289	1.267534	1.237641	1.240928	1.279291	1.35673	1.483822	1.483822	1.483822
CO2	3021.969	2503.648	2013.203	1587.879	1451.739	1346.913	1266.58	1206.957	1166.04	1142.992	1137.892	1151.765	1186.877	1247.444	1247.444	1247.444
CO2 (Pavley I + LCFS)	2719.772	2253.283	1811.883	1429.091	1306.565	1212.222	1139.922	1086.261	1049.436	1028.693	1024.103	1036.589	1068.189	1122.7	1122.7	1122.7
PM10	0.056306	0.051229	0.04551	0.040155	0.037501	0.036447	0.036912	0.038839	0.042194	0.046947	0.053083	0.060588	0.069459	0.079693	0.079693	0.079693
PM2.5	0.051804	0.047132	0.041871	0.036944	0.034501	0.033531	0.033959	0.035733	0.038818	0.043191	0.048836	0.055741	0.063903	0.073318	0.073318	0.073318
Benzene	0.035332	0.020992	0.010993	0.005074	0.004371	0.003778	0.003282	0.002871	0.002538	0.00228	0.002093	0.001977	0.001931	0.001953	0.001953	0.001953
Acrolein	0.000041	0.000033	0.000022	0.000015	0.000011	0.000008	0.000007	0.000006	0.000005	0.000004	0.000004	0.000004	0.000004	0.000004	0.000004	0.000004
Acetaldehyde	0.127117	0.074954	0.038927	0.017627	0.01532	0.013324	0.011617	0.010183	0.009012	0.008096	0.007429	0.00701	0.006837	0.006907	0.006907	0.006907
Formaldehyde	0.254687	0.150242	0.078067	0.035392	0.030742	0.026727	0.023298	0.02042	0.01807	0.016233	0.014898	0.014058	0.01371	0.013852	0.013852	0.013852
Butadiene	0.003451	0.00207	0.001095	0.000518	0.000441	0.000379	0.000328	0.000285	0.000252	0.000227	0.000208	0.000197	0.000193	0.000195	0.000195	0.000195
Naphthalene	0.000097	0.000085	0.000072	0.000061	0.000055	0.000052	0.000051	0.000053	0.000057	0.000063	0.000071	0.00008	0.000092	0.000105	0.000105	0.000105
POM	0.000243	0.000221	0.000196	0.000173	0.000161	0.000157	0.000159	0.000167	0.000181	0.000202	0.000228	0.00026	0.000298	0.000342	0.000342	0.000342
Diesel PM	0.056033	0.05101	0.045363	0.040052	0.037427	0.03639	0.036867	0.038803	0.042162	0.046918	0.053056	0.060563	0.069434	0.079666	0.079666	0.079666
DEOG	1.727606	1.018417	0.528775	0.239293	0.208025	0.180958	0.157797	0.138334	0.122428	0.109983	0.100932	0.095232	0.092862	0.093812	0.093812	0.093812

Traffic Data

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
438	2025	ALT3	OVR	AM	Overcrossing		Mountain Ave	120540	0.07	7,990.00	26.00	8,016.00	27.00	27	542.00	1.76	543.76
439	2025	ALT3	OVR	AM	Overcrossing		Vineyard Ave	99890	0.10	7,386.00	80.00	7,466.00	27.60	28	722	8	730
440	2025	ALT3	OVR	AM	Overcrossing		Archibold Ave	1656575	0.14	4481	30	4511	33	33	627	4	631
441	2025	ALT3	OVR	AM	Overcrossing		Haven Ave	99907	0.08	9331	123	9454	28	28	708	9	718
442	2025	ALT3	OVR	AM	Overcrossing		Milliken Ave	129071	0.18	7008	123	7131	32	32	1235	22	1257
443	2025	ALT3	OVR	AM	Overcrossing		Etiwanda Ave	1658024	0.13	5472	129	5601	34	34	700	17	717
444	2025	ALT3	OVR	AM	Overcrossing		Cherry Ave	121769	0.06	9607	132	9739	34	34	563	8	571
445	2025	ALT3	OVR	AM	Overcrossing		Sierra Ave	1656589	0.11	7966	34	8000	29	29	871	4	875
446	2025	ALT3	OVR	AM	Overcrossing		Cedar Ave	99932	0.08	7281	55	7336	29	29	548	4	552
447	2025	ALT3	OVR	AM	Overcrossing		Riverside Ave	122417	0.06	8956	64	9020	35	35	506	4	510
448	2025	ALT3	OVR	AM	Overcrossing		Mount Vernon Ave	100116	0.10	3095	19	3114	32	32	323	2	325
449	2025	ALT3	OVR	AM	Overcrossing		Mountain View	120669	0.06	4661	34	4695	31	31	275	2	277
438	2025	ALT3	OVR	MD	Overcrossing		Mountain Ave	120540	0.07	14810	83	14893	28	28	1005	6	1010
439	2025	ALT3	OVR	MD	Overcrossing		Vineyard Ave	99890	0.10	13428	206	13634	26	26	1313	20	1333
440	2025	ALT3	OVR	MD	Overcrossing		Archibold Ave	1656575	0.14	6474	77	6551	33	33	906	11	917
441	2025	ALT3	OVR	MD	Overcrossing		Haven Ave	99907	0.08	14290	312	14602	28	28	1085	24	1108
442	2025	ALT3	OVR	MD	Overcrossing		Milliken Ave	129071	0.18	14606	240	14846	31	31	2574	42	2616
443	2025	ALT3	OVR	MD	Overcrossing		Etiwanda Ave	1658024	0.13	9807	325	10132	33	33	1255	42	1296
444	2025	ALT3	OVR	MD	Overcrossing		Cherry Ave	121769	0.06	14822	347	15169	35	35	868	20	889
445	2025	ALT3	OVR	MD	Overcrossing		Sierra Ave	1656589	0.11	14557	91	14648	29	29	1591	10	1601
446	2025	ALT3	OVR	MD	Overcrossing		Cedar Ave	99932	0.08	12079	150	12229	28	28	909	11	920
447	2025	ALT3	OVR	MD	Overcrossing		Riverside Ave	122417	0.06	14903	155	15058	34	34	843	9	851
448	2025	ALT3	OVR	MD	Overcrossing		Mount Vernon Ave	100116	0.10	5501	42	5543	32	32	574	4	579
449	2025	ALT3	OVR	MD	Overcrossing		Mountain View	120669	0.06	8481	90	8571	32	32	501	5	506
438	2025	ALT3	OVR	PM	Overcrossing		Mountain Ave	120540	0.07	13287	41	13328	24	24	901	3	904
439	2025	ALT3	OVR	PM	Overcrossing		Vineyard Ave	99890	0.10	11573	106	11679	23	23	1132	10	1142
440	2025	ALT3	OVR	PM	Overcrossing		Archibold Ave	1656575	0.14	8200	54	8254	28	28	1147	8	1155
441	2025	ALT3	OVR	PM	Overcrossing		Haven Ave	99907	0.08	13582	173	13755	24.7	25	1031	13	1044
442	2025	ALT3	OVR	PM	Overcrossing		Milliken Ave	129071	0.18	13673	212	13885	27	27	2409	37	2447
443	2025	ALT3	OVR	PM	Overcrossing		Etiwanda Ave	1658024	0.13	9246	204	9450	27	27	1183	26	1209
444	2025	ALT3	OVR	PM	Overcrossing		Cherry Ave	121769	0.06	14886	199	15085	27	27	872	12	884
445	2025	ALT3	OVR	PM	Overcrossing		Sierra Ave	1656589	0.11	13430	53	13483	25	25	1468	6	1474
446	2025	ALT3	OVR	PM	Overcrossing		Cedar Ave	99932	0.08	13179	98	13277	21	21	992	7	999
447	2025	ALT3	OVR	PM	Overcrossing		Riverside Ave	122417	0.06	14603	97	14700	30	30	826	5	831
448	2025	ALT3	OVR	PM	Overcrossing		Mount Vernon Ave	100116	0.10	5594	26	5620	30	30	584	3	587
449	2025	ALT3	OVR	PM	Overcrossing		Mountain View	120669	0.06	8658	57	8715	28	28	511	3	515
438	2025	ALT3	OVR	NT	Overcrossing		Mountain Ave	120540	0.07	10187	129	10316	36	36	691	9	700
439	2025	ALT3	OVR	NT	Overcrossing		Vineyard Ave	99890	0.10	6683	250	6933	31	31	654	24	678
440	2025	ALT3	OVR	NT	Overcrossing		Archibold Ave	1656575	0.14	3835	101	3936	36	36	537	14	551
441	2025	ALT3	OVR	NT	Overcrossing		Haven Ave	99907	0.08	7959	410	8369	33	33	604	31	635
442	2025	ALT3	OVR	NT	Overcrossing		Milliken Ave	129071	0.18	6324	372	6696	35	35	1114	66	1180
443	2025	ALT3	OVR	NT	Overcrossing		Etiwanda Ave	1658024	0.13	3975	403	4378	40	40	509	52	560
444	2025	ALT3	OVR	NT	Overcrossing		Cherry Ave	121769	0.06	9285	470	9755	41	41	544	28	572
445	2025	ALT3	OVR	NT	Overcrossing		Sierra Ave	1656589	0.11	8812	147	8959	33	33	963	16	979
446	2025	ALT3	OVR	NT	Overcrossing		Cedar Ave	99932	0.08	6923	220	7143	32	32	521	17	538
447	2025	ALT3	OVR	NT	Overcrossing		Riverside Ave	122417	0.06	8725	214	8939	37	37	493	12	505
448	2025	ALT3	OVR	NT	Overcrossing		Mount Vernon Ave	100116	0.10	2549	46	2595	34	34	266	5	271
449	2025	ALT3	OVR	NT	Overcrossing		Mountain View	120669	0.06	5023	119	5142	36	36	297	7	304
438	2025	ALT2	OVR	AM	Overcrossing		Mountain Ave	120540	0.07	7990	26	8016	27	27	542	2	544

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
439	2025	ALT2	OVR	AM	Overcrossing		Vineyard Ave	99890	0.10	7386	80	7466	28	28	722	8	730
440	2025	ALT2	OVR	AM	Overcrossing		Archibold Ave	1656575	0.14	4481	30	4511	33	33	627	4	631
441	2025	ALT2	OVR	AM	Overcrossing		Haven Ave	99907	0.08	9331	123	9454	28	28	708	9	718
442	2025	ALT2	OVR	AM	Overcrossing		Milliken Ave	129071	0.18	7008	123	7131	32	32	1235	22	1257
443	2025	ALT2	OVR	AM	Overcrossing		Etiwanda Ave	1658024	0.13	5472	129	5601	34	34	700	17	717
444	2025	ALT2	OVR	AM	Overcrossing		Cherry Ave	121769	0.06	9607	132	9739	34	34	563	8	571
445	2025	ALT2	OVR	AM	Overcrossing		Sierra Ave	1656589	0.11	7966	34	8000	29	29	871	4	875
446	2025	ALT2	OVR	AM	Overcrossing		Cedar Ave	99932	0.08	7281	55	7336	29	29	548	4	552
447	2025	ALT2	OVR	AM	Overcrossing		Riverside Ave	122417	0.06	8956	64	9020	35	35	506	4	510
448	2025	ALT2	OVR	AM	Overcrossing		Mount Vernon Ave	100116	0.10	3095	19	3114	32	32	323	2	325
449	2025	ALT2	OVR	AM	Overcrossing		Mountain View	120669	0.06	4661	34	4695	31	31	275	2	277
438	2025	ALT2	OVR	MD	Overcrossing		Mountain Ave	120540	0.07	14810	83	14893	28	28	1005	6	1010
439	2025	ALT2	OVR	MD	Overcrossing		Vineyard Ave	99890	0.10	13428	206	13634	26	26	1313	20	1333
440	2025	ALT2	OVR	MD	Overcrossing		Archibold Ave	1656575	0.14	6474	77	6551	33	33	906	11	917
441	2025	ALT2	OVR	MD	Overcrossing		Haven Ave	99907	0.08	14290	312	14602	28	28	1085	24	1108
442	2025	ALT2	OVR	MD	Overcrossing		Milliken Ave	129071	0.18	14606	240	14846	31	31	2574	42	2616
443	2025	ALT2	OVR	MD	Overcrossing		Etiwanda Ave	1658024	0.13	9807	325	10132	33	33	1255	42	1296
444	2025	ALT2	OVR	MD	Overcrossing		Cherry Ave	121769	0.06	14822	347	15169	35	35	868	20	889
445	2025	ALT2	OVR	MD	Overcrossing		Sierra Ave	1656589	0.11	14557	91	14648	29	29	1591	10	1601
446	2025	ALT2	OVR	MD	Overcrossing		Cedar Ave	99932	0.08	12079	150	12229	28	28	909	11	920
447	2025	ALT2	OVR	MD	Overcrossing		Riverside Ave	122417	0.06	14903	155	15058	34	34	843	9	851
448	2025	ALT2	OVR	MD	Overcrossing		Mount Vernon Ave	100116	0.10	5501	42	5543	32	32	574	4	579
449	2025	ALT2	OVR	MD	Overcrossing		Mountain View	120669	0.06	8481	90	8571	32	32	501	5	506
438	2025	ALT2	OVR	PM	Overcrossing		Mountain Ave	120540	0.07	13287	41	13328	24	24	901	3	904
439	2025	ALT2	OVR	PM	Overcrossing		Vineyard Ave	99890	0.10	11573	106	11679	23	23	1132	10	1142
440	2025	ALT2	OVR	PM	Overcrossing		Archibold Ave	1656575	0.14	8200	54	8254	28	28	1147	8	1155
441	2025	ALT2	OVR	PM	Overcrossing		Haven Ave	99907	0.08	13582	173	13755	25	25	1031	13	1044
442	2025	ALT2	OVR	PM	Overcrossing		Milliken Ave	129071	0.18	13673	212	13885	27	27	2409	37	2447
443	2025	ALT2	OVR	PM	Overcrossing		Etiwanda Ave	1658024	0.13	9246	204	9450	27	27	1183	26	1209
444	2025	ALT2	OVR	PM	Overcrossing		Cherry Ave	121769	0.06	14886	199	15085	27	27	872	12	884
445	2025	ALT2	OVR	PM	Overcrossing		Sierra Ave	1656589	0.11	13430	53	13483	25	25	1468	6	1474
446	2025	ALT2	OVR	PM	Overcrossing		Cedar Ave	99932	0.08	13179	98	13277	21	21	992	7	999
447	2025	ALT2	OVR	PM	Overcrossing		Riverside Ave	122417	0.06	14603	97	14700	30	30	826	5	831
448	2025	ALT2	OVR	PM	Overcrossing		Mount Vernon Ave	100116	0.10	5594	26	5620	30	30	584	3	587
449	2025	ALT2	OVR	PM	Overcrossing		Mountain View	120669	0.06	8658	57	8715	28	28	511	3	515
438	2025	ALT2	OVR	NT	Overcrossing		Mountain Ave	120540	0.07	10091	137	10228	36	36	685	9	694
439	2025	ALT2	OVR	NT	Overcrossing		Vineyard Ave	99890	0.10	6463	251	6714	31	31	632	25	657
440	2025	ALT2	OVR	NT	Overcrossing		Archibold Ave	1656575	0.14	3858	102	3960	36	36	540	14	554
441	2025	ALT2	OVR	NT	Overcrossing		Haven Ave	99907	0.08	8617	407	9024	32	32	654	31	685
442	2025	ALT2	OVR	NT	Overcrossing		Milliken Ave	129071	0.18	6174	373	6547	35	35	1088	66	1154
443	2025	ALT2	OVR	NT	Overcrossing		Etiwanda Ave	1658024	0.13	3984	399	4383	40	40	510	51	561
444	2025	ALT2	OVR	NT	Overcrossing		Cherry Ave	121769	0.06	8905	467	9372	41	41	522	27	549
445	2025	ALT2	OVR	NT	Overcrossing		Sierra Ave	1656589	0.11	8642	151	8793	33	33	945	17	961
446	2025	ALT2	OVR	NT	Overcrossing		Cedar Ave	99932	0.08	6621	217	6838	33	33	498	16	515
447	2025	ALT2	OVR	NT	Overcrossing		Riverside Ave	122417	0.06	8987	224	9211	37	37	508	13	521
448	2025	ALT2	OVR	NT	Overcrossing		Mount Vernon Ave	100116	0.10	3201	47	3248	34	34	334	5	339
449	2025	ALT2	OVR	NT	Overcrossing		Mountain View	120669	0.06	4969	118	5087	36	36	294	7	300
438	2025	ALT1	OVR	AM	Overcrossing		Mountain Ave	120540	0.07	7857	26	7883	27	27	533	2	535
439	2025	ALT1	OVR	AM	Overcrossing		Vineyard Ave	99890	0.10	7221	80	7301	28	28	706	8	714

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
440	2025	ALT1	OVR	AM	Overcrossing		Archibold Ave	1656575	0.14	4096	29	4125	33	33	573	4	577
441	2025	ALT1	OVR	AM	Overcrossing		Haven Ave	99907	0.08	8905	106	9011	28	28	676	8	684
442	2025	ALT1	OVR	AM	Overcrossing		Milliken Ave	129071	0.18	7103	120	7223	32	32	1252	21	1273
443	2025	ALT1	OVR	AM	Overcrossing		Etiwanda Ave	1658024	0.13	5023	123	5146	35	35	643	16	658
444	2025	ALT1	OVR	AM	Overcrossing		Cherry Ave	121769	0.06	9528	130	9658	34	34	558	8	566
445	2025	ALT1	OVR	AM	Overcrossing		Sierra Ave	1656589	0.11	8444	37	8481	30	30	923	4	927
446	2025	ALT1	OVR	AM	Overcrossing		Cedar Ave	99932	0.08	7066	54	7120	29	29	532	4	536
447	2025	ALT1	OVR	AM	Overcrossing		Riverside Ave	122417	0.06	9531	63	9594	34	34	539	4	542
448	2025	ALT1	OVR	AM	Overcrossing		Mount Vernon Ave	100116	0.10	3014	16	3030	32	32	315	2	316
449	2025	ALT1	OVR	AM	Overcrossing		Mountain View	120669	0.06	4121	30	4151	32	32	243	2	245
438	2025	ALT1	OVR	MD	Overcrossing		Mountain Ave	120540	0.07	14381	83	14464	29	29	976	6	981
439	2025	ALT1	OVR	MD	Overcrossing		Vineyard Ave	99890	0.10	13051	204	13255	27	27	1276	20	1296
440	2025	ALT1	OVR	MD	Overcrossing		Archibold Ave	1656575	0.14	6025	75	6100	33	33	843	10	854
441	2025	ALT1	OVR	MD	Overcrossing		Haven Ave	99907	0.08	13799	280	14079	29	29	1047	21	1069
442	2025	ALT1	OVR	MD	Overcrossing		Milliken Ave	129071	0.18	14935	250	15185	30	30	2632	44	2676
443	2025	ALT1	OVR	MD	Overcrossing		Etiwanda Ave	1658024	0.13	8764	385	9149	34	34	1121	49	1170
444	2025	ALT1	OVR	MD	Overcrossing		Cherry Ave	121769	0.06	14780	343	15123	35	35	866	20	886
445	2025	ALT1	OVR	MD	Overcrossing		Sierra Ave	1656589	0.11	15255	99	15354	30	30	1668	11	1679
446	2025	ALT1	OVR	MD	Overcrossing		Cedar Ave	99932	0.08	11733	146	11879	28	28	883	11	894
447	2025	ALT1	OVR	MD	Overcrossing		Riverside Ave	122417	0.06	15667	169	15836	34	34	886	10	895
448	2025	ALT1	OVR	MD	Overcrossing		Mount Vernon Ave	100116	0.10	5704	41	5745	31	31	596	4	600
449	2025	ALT1	OVR	MD	Overcrossing		Mountain View	120669	0.06	8219	86	8305	32	32	486	5	491
438	2025	ALT1	OVR	PM	Overcrossing		Mountain Ave	120540	0.07	12714	41	12755	24	24	862	3	865
439	2025	ALT1	OVR	PM	Overcrossing		Vineyard Ave	99890	0.10	11304	121	11425	23	23	1106	12	1117
440	2025	ALT1	OVR	PM	Overcrossing		Archibold Ave	1656575	0.14	7559	53	7612	29	29	1058	7	1065
441	2025	ALT1	OVR	PM	Overcrossing		Haven Ave	99907	0.08	13524	179	13703	25	25	1027	14	1040
442	2025	ALT1	OVR	PM	Overcrossing		Milliken Ave	129071	0.18	13623	216	13839	27	27	2401	38	2439
443	2025	ALT1	OVR	PM	Overcrossing		Etiwanda Ave	1658024	0.13	8861	221	9082	28	28	1134	28	1162
444	2025	ALT1	OVR	PM	Overcrossing		Cherry Ave	121769	0.06	15036	198	15234	28	28	881	12	892
445	2025	ALT1	OVR	PM	Overcrossing		Sierra Ave	1656589	0.11	14273	62	14335	27	27	1560	7	1567
446	2025	ALT1	OVR	PM	Overcrossing		Cedar Ave	99932	0.08	12738	89	12827	21	21	959	7	965
447	2025	ALT1	OVR	PM	Overcrossing		Riverside Ave	122417	0.06	15581	107	15688	30	30	881	6	887
448	2025	ALT1	OVR	PM	Overcrossing		Mount Vernon Ave	100116	0.10	5439	24	5463	30	30	568	3	570
449	2025	ALT1	OVR	PM	Overcrossing		Mountain View	120669	0.06	8301	54	8355	30	30	490	3	494
438	2025	ALT1	OVR	NT	Overcrossing		Mountain Ave	120540	0.07	9841	133	9974	36	36	668	9	677
439	2025	ALT1	OVR	NT	Overcrossing		Vineyard Ave	99890	0.10	6570	247	6817	32	32	643	24	667
440	2025	ALT1	OVR	NT	Overcrossing		Archibold Ave	1656575	0.14	3732	101	3833	36	36	522	14	536
441	2025	ALT1	OVR	NT	Overcrossing		Haven Ave	99907	0.08	7767	408	8175	33	33	590	31	621
442	2025	ALT1	OVR	NT	Overcrossing		Milliken Ave	129071	0.18	6506	372	6878	35	35	1146	66	1212
443	2025	ALT1	OVR	NT	Overcrossing		Etiwanda Ave	1658024	0.13	3763	400	4163	40	40	481	51	533
444	2025	ALT1	OVR	NT	Overcrossing		Cherry Ave	121769	0.06	9247	467	9714	41	41	542	27	569
445	2025	ALT1	OVR	NT	Overcrossing		Sierra Ave	1656589	0.11	9060	151	9211	33	33	990	17	1007
446	2025	ALT1	OVR	NT	Overcrossing		Cedar Ave	99932	0.08	6766	214	6980	32	32	509	16	525
447	2025	ALT1	OVR	NT	Overcrossing		Riverside Ave	122417	0.06	8969	225	9194	37	37	507	13	520
448	2025	ALT1	OVR	NT	Overcrossing		Mount Vernon Ave	100116	0.10	2576	46	2622	34	34	269	5	274
449	2025	ALT1	OVR	NT	Overcrossing		Mountain View	120669	0.06	4910	118	5028	36	36	290	7	297
438	2045	ALT1	OVR	AM	Overcrossing		Mountain Ave	120540	0.07	8962	28	8990	24	24	608	2	610
439	2045	ALT1	OVR	AM	Overcrossing		Vineyard Ave	99890	0.10	8841	65	8906	27	27	865	6	871
440	2045	ALT1	OVR	AM	Overcrossing		Archibold Ave	1656575	0.14	4986	50	5036	33	33	698	7	705

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
441	2045	ALT1	OVR	AM	Overcrossing		Haven Ave	99907	0.08	10879	100	10979	28	28	826	8	833
442	2045	ALT1	OVR	AM	Overcrossing		Milliken Ave	129071	0.18	8424	132	8556	31	31	1484	23	1508
443	2045	ALT1	OVR	AM	Overcrossing		Etiwanda Ave	1658024	0.13	4817	89	4906	37	37	616	11	628
444	2045	ALT1	OVR	AM	Overcrossing		Cherry Ave	121769	0.06	10185	130	10315	34	34	597	8	604
445	2045	ALT1	OVR	AM	Overcrossing		Sierra Ave	1656589	0.11	8889	44	8933	31	31	972	5	977
446	2045	ALT1	OVR	AM	Overcrossing		Cedar Ave	99932	0.08	8065	63	8128	27	27	607	5	612
447	2045	ALT1	OVR	AM	Overcrossing		Riverside Ave	122417	0.06	11206	62	11268	34	34	634	4	637
448	2045	ALT1	OVR	AM	Overcrossing		Mountain View	120669	0.06	4979	44	5023	30	30	294	3	297
449	2045	ALT1	OVR	AM	Overcrossing		Mount Vernon Ave	100116	0.10	3484	14	3498	31	31	364	1	365
438	2045	ALT1	OVR	MD	Overcrossing		Mountain Ave	120540	0.07	16071	82	16153	27	27	1090	6	1096
439	2045	ALT1	OVR	MD	Overcrossing		Vineyard Ave	99890	0.10	15619	199	15818	25	25	1528	19	1547
440	2045	ALT1	OVR	MD	Overcrossing		Archibold Ave	1656575	0.14	7784	138	7922	33	33	1089	19	1108
441	2045	ALT1	OVR	MD	Overcrossing		Haven Ave	99907	0.08	17100	301	17401	28	28	1298	23	1321
442	2045	ALT1	OVR	MD	Overcrossing		Milliken Ave	129071	0.18	15519	370	15889	30	30	2735	65	2800
443	2045	ALT1	OVR	MD	Overcrossing		Etiwanda Ave	1658024	0.13	8988	319	9307	35	35	1150	41	1191
444	2045	ALT1	OVR	MD	Overcrossing		Cherry Ave	121769	0.06	15515	415	15930	34	34	909	24	933
445	2045	ALT1	OVR	MD	Overcrossing		Sierra Ave	1656589	0.11	15288	121	15409	31	31	1671	13	1685
446	2045	ALT1	OVR	MD	Overcrossing		Cedar Ave	99932	0.08	12846	170	13016	26	26	967	13	980
447	2045	ALT1	OVR	MD	Overcrossing		Riverside Ave	122417	0.06	18027	166	18193	34	34	1019	9	1029
448	2045	ALT1	OVR	MD	Overcrossing		Mountain View	120669	0.06	11112	143	11255	28	28	656	8	665
449	2045	ALT1	OVR	MD	Overcrossing		Mount Vernon Ave	100116	0.10	6520	34	6554	31	31	681	4	684
438	2045	ALT1	OVR	PM	Overcrossing		Mountain Ave	120540	0.07	14440	47	14487	19	19	980	3	983
439	2045	ALT1	OVR	PM	Overcrossing		Vineyard Ave	99890	0.10	13614	100	13714	20	20	1331	10	1341
440	2045	ALT1	OVR	PM	Overcrossing		Archibold Ave	1656575	0.14	8750	76	8826	28	28	1224	11	1235
441	2045	ALT1	OVR	PM	Overcrossing		Haven Ave	99907	0.08	17065	183	17248	21	21	1295	14	1309
442	2045	ALT1	OVR	PM	Overcrossing		Milliken Ave	129071	0.18	15096	195	15291	25	25	2660	34	2694
443	2045	ALT1	OVR	PM	Overcrossing		Etiwanda Ave	1658024	0.13	9454	149	9603	24	24	1209	19	1228
444	2045	ALT1	OVR	PM	Overcrossing		Cherry Ave	121769	0.06	15499	126	15625	24	24	908	7	915
445	2045	ALT1	OVR	PM	Overcrossing		Sierra Ave	1656589	0.11	14221	59	14280	28	28	1555	6	1561
446	2045	ALT1	OVR	PM	Overcrossing		Cedar Ave	99932	0.08	14400	97	14497	15	15	1084	7	1091
447	2045	ALT1	OVR	PM	Overcrossing		Riverside Ave	122417	0.06	17290	107	17397	26	26	977	6	984
448	2045	ALT1	OVR	PM	Overcrossing		Mountain View	120669	0.06	10991	90	11081	22	22	649	5	655
449	2045	ALT1	OVR	PM	Overcrossing		Mount Vernon Ave	100116	0.10	6265	24	6289	28	28	654	3	657
438	2045	ALT1	OVR	NT	Overcrossing		Mountain Ave	120540	0.07	11122	132	11254	36	36	754	9	763
439	2045	ALT1	OVR	NT	Overcrossing		Vineyard Ave	99890	0.10	8001	277	8278	31	31	783	27	810
440	2045	ALT1	OVR	NT	Overcrossing		Archibold Ave	1656575	0.14	4475	148	4623	36	36	626	21	647
441	2045	ALT1	OVR	NT	Overcrossing		Haven Ave	99907	0.08	9635	394	10029	32	32	731	30	761
442	2045	ALT1	OVR	NT	Overcrossing		Milliken Ave	129071	0.18	6654	446	7100	35	35	1173	79	1251
443	2045	ALT1	OVR	NT	Overcrossing		Etiwanda Ave	1658024	0.13	4104	405	4509	40	40	525	52	577
444	2045	ALT1	OVR	NT	Overcrossing		Cherry Ave	121769	0.06	11358	577	11935	40	40	665	34	699
445	2045	ALT1	OVR	NT	Overcrossing		Sierra Ave	1656589	0.11	9372	186	9558	33	33	1025	20	1045
446	2045	ALT1	OVR	NT	Overcrossing		Cedar Ave	99932	0.08	7273	213	7486	32	32	547	16	563
447	2045	ALT1	OVR	NT	Overcrossing		Riverside Ave	122417	0.06	10243	230	10473	37	37	579	13	592
448	2045	ALT1	OVR	NT	Overcrossing		Mountain View	120669	0.06	6521	194	6715	35	35	385	11	397
449	2045	ALT1	OVR	NT	Overcrossing		Mount Vernon Ave	100116	0.10	2910	38	2948	34	34	304	4	308
438	2045	ALT2	OVR	AM	Overcrossing		Mountain Ave	120540	0.07	9041	31	9072	23	23	613	2	615
439	2045	ALT2	OVR	AM	Overcrossing		Vineyard Ave	99890	0.10	9112	65	9177	27	27	891	6	898
440	2045	ALT2	OVR	AM	Overcrossing		Archibold Ave	1656575	0.14	5292	51	5343	32	32	740	7	748
441	2045	ALT2	OVR	AM	Overcrossing		Haven Ave	99907	0.08	11581	94	11675	27	27	879	7	886

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
442	2045	ALT2	OVR	AM	Overcrossing		Milliken Ave	129071	0.18	8081	130	8211	32	32	1424	23	1447
443	2045	ALT2	OVR	AM	Overcrossing		Etiwanda Ave	1658024	0.13	5132	94	5226	36	36	657	12	669
444	2045	ALT2	OVR	AM	Overcrossing		Cherry Ave	121769	0.06	10026	136	10162	34	34	587	8	595
445	2045	ALT2	OVR	AM	Overcrossing		Sierra Ave	1656589	0.11	8869	46	8915	31	31	970	5	975
446	2045	ALT2	OVR	AM	Overcrossing		Cedar Ave	99932	0.08	7958	66	8024	27	27	599	5	604
447	2045	ALT2	OVR	AM	Overcrossing		Riverside Ave	122417	0.06	11245	64	11309	34	34	636	4	639
448	2045	ALT2	OVR	AM	Overcrossing		Mountain View	120669	0.06	5496	51	5547	29	29	325	3	328
449	2045	ALT2	OVR	AM	Overcrossing		Mount Vernon Ave	100116	0.10	3639	15	3654	31	31	380	2	381
438	2045	ALT2	OVR	MD	Overcrossing		Mountain Ave	120540	0.07	16142	94	16236	26	26	1095	6	1101
439	2045	ALT2	OVR	MD	Overcrossing		Vineyard Ave	99890	0.10	16136	200	16336	24	24	1578	20	1598
440	2045	ALT2	OVR	MD	Overcrossing		Archibold Ave	1656575	0.14	8026	130	8156	33	33	1123	18	1141
441	2045	ALT2	OVR	MD	Overcrossing		Haven Ave	99907	0.08	18861	263	19124	26	26	1432	20	1452
442	2045	ALT2	OVR	MD	Overcrossing		Milliken Ave	129071	0.18	15216	385	15601	31	31	2681	68	2749
443	2045	ALT2	OVR	MD	Overcrossing		Etiwanda Ave	1658024	0.13	8922	312	9234	34	34	1141	40	1181
444	2045	ALT2	OVR	MD	Overcrossing		Cherry Ave	121769	0.06	15357	439	15796	35	35	900	26	925
445	2045	ALT2	OVR	MD	Overcrossing		Sierra Ave	1656589	0.11	15200	127	15327	31	31	1662	14	1676
446	2045	ALT2	OVR	MD	Overcrossing		Cedar Ave	99932	0.08	12668	177	12845	27	27	953	13	967
447	2045	ALT2	OVR	MD	Overcrossing		Riverside Ave	122417	0.06	18035	168	18203	34	34	1020	9	1029
448	2045	ALT2	OVR	MD	Overcrossing		Mountain View	120669	0.06	11177	147	11324	29	29	660	9	669
449	2045	ALT2	OVR	MD	Overcrossing		Mount Vernon Ave	100116	0.10	7171	35	7206	31	31	749	4	752
438	2045	ALT2	OVR	PM	Overcrossing		Mountain Ave	120540	0.07	14511	45	14556	18	18	984	3	987
439	2045	ALT2	OVR	PM	Overcrossing		Vineyard Ave	99890	0.10	14018	99	14117	19	19	1371	10	1381
440	2045	ALT2	OVR	PM	Overcrossing		Archibold Ave	1656575	0.14	9635	66	9701	27	27	1348	9	1357
441	2045	ALT2	OVR	PM	Overcrossing		Haven Ave	99907	0.08	18288	161	18449	19	19	1388	12	1400
442	2045	ALT2	OVR	PM	Overcrossing		Milliken Ave	129071	0.18	14966	189	15155	25	25	2637	33	2671
443	2045	ALT2	OVR	PM	Overcrossing		Etiwanda Ave	1658024	0.13	9670	152	9822	24	24	1237	19	1256
444	2045	ALT2	OVR	PM	Overcrossing		Cherry Ave	121769	0.06	15417	136	15553	25	25	903	8	911
445	2045	ALT2	OVR	PM	Overcrossing		Sierra Ave	1656589	0.11	14529	64	14593	27	27	1588	7	1595
446	2045	ALT2	OVR	PM	Overcrossing		Cedar Ave	99932	0.08	14593	101	14694	14	14	1098	8	1106
447	2045	ALT2	OVR	PM	Overcrossing		Riverside Ave	122417	0.06	17866	112	17978	25	25	1010	6	1016
448	2045	ALT2	OVR	PM	Overcrossing		Mountain View	120669	0.06	11125	94	11219	22	22	657	6	663
449	2045	ALT2	OVR	PM	Overcrossing		Mount Vernon Ave	100116	0.10	6269	25	6294	29	29	654	3	657
438	2045	ALT2	OVR	NT	Overcrossing		Mountain Ave	120540	0.07	11362	138	11500	36	36	771	9	780
439	2045	ALT2	OVR	NT	Overcrossing		Vineyard Ave	99890	0.10	7900	281	8181	31	31	773	27	800
440	2045	ALT2	OVR	NT	Overcrossing		Archibold Ave	1656575	0.14	4611	150	4761	35	35	645	21	666
441	2045	ALT2	OVR	NT	Overcrossing		Haven Ave	99907	0.08	10610	390	11000	32	32	805	30	835
442	2045	ALT2	OVR	NT	Overcrossing		Milliken Ave	129071	0.18	6291	446	6737	35	35	1109	79	1187
443	2045	ALT2	OVR	NT	Overcrossing		Etiwanda Ave	1658024	0.13	4262	400	4662	40	40	545	51	596
444	2045	ALT2	OVR	NT	Overcrossing		Cherry Ave	121769	0.06	11108	584	11692	40	40	651	34	685
445	2045	ALT2	OVR	NT	Overcrossing		Sierra Ave	1656589	0.11	9051	190	9241	33	33	989	21	1010
446	2045	ALT2	OVR	NT	Overcrossing		Cedar Ave	99932	0.08	7104	217	7321	32	32	535	16	551
447	2045	ALT2	OVR	NT	Overcrossing		Riverside Ave	122417	0.06	10198	230	10428	37	37	577	13	590
448	2045	ALT2	OVR	NT	Overcrossing		Mountain View	120669	0.06	6618	193	6811	35	35	391	11	402
449	2045	ALT2	OVR	NT	Overcrossing		Mount Vernon Ave	100116	0.10	3793	39	3832	34	34	396	4	400
438	2045	ALT3	OVR	AM	Overcrossing		Mountain Ave	120540	0.07	9045	26	9071	23	23	614	2	615
439	2045	ALT3	OVR	AM	Overcrossing		Vineyard Ave	99890	0.10	9193	65	9258	27	27	899	6	905
440	2045	ALT3	OVR	AM	Overcrossing		Archibold Ave	1656575	0.14	5167	49	5216	33	33	723	7	730
441	2045	ALT3	OVR	AM	Overcrossing		Haven Ave	99907	0.08	11457	98	11555	27	27	870	7	877
442	2045	ALT3	OVR	AM	Overcrossing		Milliken Ave	129071	0.18	8378	130	8508	32	32	1476	23	1499

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
443	2045	ALT3	OVR	AM	Overcrossing		Etiwanda Ave	1658024	0.13	5400	92	5492	35	35	691	12	703
444	2045	ALT3	OVR	AM	Overcrossing		Cherry Ave	121769	0.06	10051	136	10187	33	33	589	8	597
445	2045	ALT3	OVR	AM	Overcrossing		Sierra Ave	1656589	0.11	8927	45	8972	31	31	976	5	981
446	2045	ALT3	OVR	AM	Overcrossing		Cedar Ave	99932	0.08	7977	64	8041	27	27	600	5	605
447	2045	ALT3	OVR	AM	Overcrossing		Riverside Ave	122417	0.06	11270	65	11335	34	34	637	4	641
448	2045	ALT3	OVR	AM	Overcrossing		Mountain View	120669	0.06	5556	52	5608	28	28	328	3	331
449	2045	ALT3	OVR	AM	Overcrossing		Mount Vernon Ave	100116	0.10	3582	15	3597	31	31	374	2	376
438	2045	ALT3	OVR	MD	Overcrossing		Mountain Ave	120540	0.07	16304	76	16380	26	26	1106	5	1111
439	2045	ALT3	OVR	MD	Overcrossing		Vineyard Ave	99890	0.10	16412	198	16610	24	24	1605	19	1624
440	2045	ALT3	OVR	MD	Overcrossing		Archibold Ave	1656575	0.14	7782	129	7911	33	33	1089	18	1107
441	2045	ALT3	OVR	MD	Overcrossing		Haven Ave	99907	0.08	17703	287	17990	27	27	1344	22	1366
442	2045	ALT3	OVR	MD	Overcrossing		Milliken Ave	129071	0.18	15493	362	15855	31	31	2730	64	2794
443	2045	ALT3	OVR	MD	Overcrossing		Etiwanda Ave	1658024	0.13	9990	257	10247	33	33	1278	33	1311
444	2045	ALT3	OVR	MD	Overcrossing		Cherry Ave	121769	0.06	15565	415	15980	34	34	912	24	936
445	2045	ALT3	OVR	MD	Overcrossing		Sierra Ave	1656589	0.11	15233	120	15353	31	31	1665	13	1678
446	2045	ALT3	OVR	MD	Overcrossing		Cedar Ave	99932	0.08	12981	170	13151	26	26	977	13	990
447	2045	ALT3	OVR	MD	Overcrossing		Riverside Ave	122417	0.06	18275	169	18444	33	33	1033	10	1043
448	2045	ALT3	OVR	MD	Overcrossing		Mountain View	120669	0.06	11001	143	11144	29	29	650	8	658
449	2045	ALT3	OVR	MD	Overcrossing		Mount Vernon Ave	100116	0.10	6506	34	6540	31	31	679	4	683
438	2045	ALT3	OVR	PM	Overcrossing		Mountain Ave	120540	0.07	14935	42	14977	18	18	1013	3	1016
439	2045	ALT3	OVR	PM	Overcrossing		Vineyard Ave	99890	0.10	13768	103	13871	20	20	1347	10	1357
440	2045	ALT3	OVR	PM	Overcrossing		Archibold Ave	1656575	0.14	8795	64	8859	28	28	1231	9	1240
441	2045	ALT3	OVR	PM	Overcrossing		Haven Ave	99907	0.08	17944	181	18125	21	21	1362	14	1376
442	2045	ALT3	OVR	PM	Overcrossing		Milliken Ave	129071	0.18	14908	189	15097	25	25	2627	33	2660
443	2045	ALT3	OVR	PM	Overcrossing		Etiwanda Ave	1658024	0.13	10325	142	10467	22	22	1321	18	1339
444	2045	ALT3	OVR	PM	Overcrossing		Cherry Ave	121769	0.06	15259	131	15390	24	24	894	8	902
445	2045	ALT3	OVR	PM	Overcrossing		Sierra Ave	1656589	0.11	14607	69	14676	27	27	1597	8	1604
446	2045	ALT3	OVR	PM	Overcrossing		Cedar Ave	99932	0.08	14660	100	14760	14	14	1103	8	1111
447	2045	ALT3	OVR	PM	Overcrossing		Riverside Ave	122417	0.06	18346	114	18460	24	24	1037	6	1044
448	2045	ALT3	OVR	PM	Overcrossing		Mountain View	120669	0.06	10846	93	10939	22	22	641	5	646
449	2045	ALT3	OVR	PM	Overcrossing		Mount Vernon Ave	100116	0.10	6451	23	6474	28	28	673	2	676
438	2045	ALT3	OVR	NT	Overcrossing		Mountain Ave	120540	0.07	11481	129	11610	36	36	779	9	788
439	2045	ALT3	OVR	NT	Overcrossing		Vineyard Ave	99890	0.10	8112	277	8389	31	31	793	27	820
440	2045	ALT3	OVR	NT	Overcrossing		Archibold Ave	1656575	0.14	4568	147	4715	35	35	639	21	660
441	2045	ALT3	OVR	NT	Overcrossing		Haven Ave	99907	0.08	9754	391	10145	32	32	740	30	770
442	2045	ALT3	OVR	NT	Overcrossing		Milliken Ave	129071	0.18	6440	446	6886	35	35	1135	79	1213
443	2045	ALT3	OVR	NT	Overcrossing		Etiwanda Ave	1658024	0.13	4359	402	4761	40	40	558	51	609
444	2045	ALT3	OVR	NT	Overcrossing		Cherry Ave	121769	0.06	11356	578	11934	40	40	665	34	699
445	2045	ALT3	OVR	NT	Overcrossing		Sierra Ave	1656589	0.11	9354	183	9537	33	33	1023	20	1043
446	2045	ALT3	OVR	NT	Overcrossing		Cedar Ave	99932	0.08	7338	215	7553	32	32	552	16	568
447	2045	ALT3	OVR	NT	Overcrossing		Riverside Ave	122417	0.06	10237	233	10470	37	37	579	13	592
448	2045	ALT3	OVR	NT	Overcrossing		Mountain View	120669	0.06	6530	195	6725	35	35	386	12	397
449	2045	ALT3	OVR	NT	Overcrossing		Mount Vernon Ave	100116	0.10	2939	39	2978	34	34	307	4	311
1	2012	EXT	EB	AM	Mainline		LA County Line to Monte Vista	25707	0.26	14868	1628	16496	59	50	3809	417	4227
2	2012	EXT	EB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	13594	1596	15191	60	50	9195	1080	10275
3	2012	EXT	EB	AM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	14731	1637	16368	61	50	430	48	478
4	2012	EXT	EB	AM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	13017	1592	14609	60	50	7445	911	8356
5	2012	EXT	EB	AM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	14243	1635	15878	61	50	2962	340	3302
6	2012	EXT	EB	AM	Mainline		Mountain Ave Off-Ramp to Mc	23480	0.64	12261	1587	13847	61	50	7816	1011	8827

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
7	2012	EXT	EB	AM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	14264	1633	15897	59	50	6818	780	7598
8	2012	EXT	EB	AM	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	12212	1570	13782	61	50	7881	1013	8894
9	2012	EXT	EB	AM	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	13851	1604	15455	60	50	7094	822	7915
10	2012	EXT	EB	AM	Mainline		San Bernardino Ave/4th St Off-	23472	0.57	11796	1526	13322	61	50	6773	876	7649
11	2012	EXT	EB	AM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	13777	1550	15328	60	50	4534	510	5044
12	2012	EXT	EB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	12840	1444	14283	60	50	3139	353	3492
13	2012	EXT	EB	AM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	15015	1478	16493	63	50	2889	284	3173
14	2012	EXT	EB	AM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	13599	1403	15002	62	50	4603	475	5078
15	2012	EXT	EB	AM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	15823	1523	17347	60	50	6173	594	6767
16	2012	EXT	EB	AM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	14871	1557	16428	61	50	3319	347	3666
17	2012	EXT	EB	AM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	13099	1450	14549	59	50	5449	603	6052
18	2012	EXT	EB	AM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	20679	1467	22147	57	50	6456	458	6914
19	2012	EXT	EB	AM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	21078	1521	22599	59	50	4724	341	5065
20	2012	EXT	EB	AM	Mainline		Milliken Ave Off-Ramp to Milli	23622	0.53	17996	1395	19391	59	50	9544	740	10283
21	2012	EXT	EB	AM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	18634	1450	20084	61	50	990	77	1067
22	2012	EXT	EB	AM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	15265	1054	16320	61	50	3791	262	4052
23	2012	EXT	EB	AM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	23498	0.70	12711	932	13643	60	50	8886	652	9537
24	2012	EXT	EB	AM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	15729	1058	16787	58	50	3408	229	3637
25	2012	EXT	EB	AM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	16344	1073	17417	60	50	2301	151	2452
26	2012	EXT	EB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	15015	953	15969	62	50	19213	1220	20432
27	2012	EXT	EB	AM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	15445	992	16437	61	50	14279	917	15197
28	2012	EXT	EB	AM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	13538	846	14384	62	50	8247	516	8763
29	2012	EXT	EB	AM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	15510	916	16426	61	50	5529	327	5855
30	2012	EXT	EB	AM	Mainline		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
31	2012	EXT	EB	AM	Mainline		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
32	2012	EXT	EB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	14063	868	14931	62	50	7534	465	7999
33	2012	EXT	EB	AM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	15559	912	16471	61	50	7290	428	7717
34	2012	EXT	EB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	12998	827	13826	61	50	8285	527	8813
35	2012	EXT	EB	AM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	15033	859	15891	60	50	4650	266	4915
36	2012	EXT	EB	AM	Mainline		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
37	2012	EXT	EB	AM	Mainline		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
38	2012	EXT	EB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	13617	795	14412	61	50	11558	675	12233
39	2012	EXT	EB	AM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	14989	820	15809	60	50	11924	652	12576
40	2012	EXT	EB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	13288	738	14027	62	50	7666	426	8092
41	2012	EXT	EB	AM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	14738	769	15507	60	50	2941	153	3095
42	2012	EXT	EB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	13932	745	14677	60	50	9191	492	9683
43	2012	EXT	EB	AM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	14910	755	15665	60	50	3885	197	4082
44	2012	EXT	EB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	24210	0.70	13839	730	14569	60	50	9662	510	10172
45	2012	EXT	EB	AM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	14407	743	15149	60	50	2587	133	2721
46	2012	EXT	EB	AM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	13427	706	14134	61	50	7108	374	7482
47	2012	EXT	EB	AM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	13881	714	14595	62	50	390	20	410
48	2012	EXT	EB	AM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	13183	697	13880	62	50	7985	422	8408
49	2012	EXT	EB	AM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	13681	706	14387	62	50	662	34	696
50	2012	EXT	EB	AM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	11399	633	12033	61	50	10737	596	11334
51	2012	EXT	EB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	17135	839	17975	60	50	1878	92	1970
52	2012	EXT	EB	AM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	21052	1043	22095	60	50	2726	135	2861
53	2012	EXT	EB	AM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	18781	1011	19792	59	50	2042	110	2151
54	2012	EXT	EB	AM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	17326	978	18304	57	50	10941	618	11559
55	2012	EXT	EB	AM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	17982	996	18977	59	50	5080	281	5361

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
56	2012	EXT	EB	AM	Mainline		Anderson St Off-Ramp to Ande	24321	0.79	15941	958	16899	58	50	12654	760	13414
57	2012	EXT	EB	AM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	16221	963	17184	61	50	3375	200	3575
58	2012	EXT	EB	AM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	14309	909	15218	62	50	11310	719	12029
59	2012	EXT	EB	AM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	15256	934	16190	62	50	2800	171	2972
60	2012	EXT	EB	AM	Mainline		California St Off-Ramp to Califc	24075	0.84	13532	887	14418	62	50	11387	746	12134
61	2012	EXT	EB	AM	Mainline		California St On-Ramp to Alaba	24046	0.18	13784	896	14680	63	50	2423	158	2580
62	2012	EXT	EB	AM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	12011	858	12869	63	50	4703	336	5039
63	2012	EXT	EB	AM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	10513	804	11318	63	50	1857	142	1999
64	2012	EXT	EB	AM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	8689	758	9447	63	50	5589	487	6076
65	2012	EXT	EB	AM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	9001	769	9770	63	50	1786	153	1938
66	2012	EXT	EB	AM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	12407	1187	13594	62	50	628	60	688
67	2012	EXT	EB	AM	Mainline		Eureka St/Pearl Ave Off-Ramp	24182	0.98	10072	1153	11225	62	50	9915	1135	11049
68	2012	EXT	EB	AM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	10599	1165	11764	62	50	3150	346	3497
69	2012	EXT	EB	AM	Mainline		University St Off-Ramp to Cypr	23724	0.80	7862	1112	8974	63	50	6254	885	7139
70	2012	EXT	EB	AM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	8310	1117	9427	63	50	3804	512	4316
71	2012	EXT	EB	AM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	7541	1100	8641	64	50	4902	715	5617
72	2012	EXT	EB	AM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.22	7908	1105	9013	14	14	1764	246	2010
73	2012	EXT	EB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1273	32	1305	21	21	241	6	247
74	2012	EXT	EB	AM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1137	41	1178	16	16	147	5	152
75	2012	EXT	EB	AM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	1714	45	1759	16	16	223	6	229
76	2012	EXT	EB	AM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	1226	43	1269	16	16	230	8	238
77	2012	EXT	EB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	1645	49	1694	17	17	266	8	274
78	2012	EXT	EB	AM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2003	46	2049	11	11	234	5	239
79	2012	EXT	EB	AM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	2052	63	2115	12	12	301	9	310
80	2012	EXT	EB	AM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1639	35	1673	14	14	573	12	585
81	2012	EXT	EB	AM	Ramp	OFF	San Bernardino Ave/4th St Off-	94633	0.13	1501	78	1579	18	18	198	10	208
82	2012	EXT	EB	AM	Ramp	ON	San Bernardino Ave/4th St On-	2668743	0.08	1981	24	2006	12	12	150	2	152
83	2012	EXT	EB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	938	107	1044	23	23	95	11	106
84	2012	EXT	EB	AM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2310	34	2345	24	24	289	4	294
85	2012	EXT	EB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	1415	75	1491	33	33	412	22	434
86	2012	EXT	EB	AM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	2224	121	2345	24	24	507	27	534
87	2012	EXT	EB	AM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	552	33	586	18	18	128	8	136
88	2012	EXT	EB	AM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	1772	107	1879	26	26	251	15	266
89	2012	EXT	EB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	960	17	978	16	16	117	2	119
90	2012	EXT	EB	AM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	399	54	452	19	19	112	15	127
91	2012	EXT	EB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3082	126	3208	20	20	544	22	566
92	2012	EXT	EB	AM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	638	55	693	18	18	123	11	134
93	2012	EXT	EB	AM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	3369	396	3764	31	31	3740	439	4179
94	2012	EXT	EB	AM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	2555	122	2676	25	25	1473	70	1544
95	2012	EXT	EB	AM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	3018	125	3143	22	22	337	14	350
96	2012	EXT	EB	AM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	615	15	630	35	35	736	18	754
97	2012	EXT	EB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1329	119	1448	27	27	261	23	284
98	2012	EXT	EB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	430	39	468	29	29	154	14	168
99	2012	EXT	EB	AM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	1907	146	2053	18	18	389	30	419
100	2012	EXT	EB	AM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	1972	70	2042	25	25	608	22	629
101	2012	EXT	EB	AM	Ramp	OFF	Beach Ave Off-Ramp (Future)							50			
102	2012	EXT	EB	AM	Ramp	ON	Beach Ave On-Ramp (Future)							50			
103	2012	EXT	EB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1447	49	1495	25	25	194	6	200
104	2012	EXT	EB	AM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1495	45	1540	15	15	401	12	413

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
105	2012	EXT	EB	AM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2560	85	2645	25	25	300	10	310
106	2012	EXT	EB	AM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2034	31	2066	11	11	60	1	60
107	2012	EXT	EB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2012	EXT	EB	AM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2012	EXT	EB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	1415	63	1479	19	19	259	12	270
110	2012	EXT	EB	AM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1372	25	1397	15	15	564	10	574
111	2012	EXT	EB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1701	81	1782	22	22	213	10	224
112	2012	EXT	EB	AM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	1450	31	1481	15	15	437	9	447
113	2012	EXT	EB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	806	24	830	25	25	246	7	253
114	2012	EXT	EB	AM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	977	10	987	17	17	358	4	361
115	2012	EXT	EB	AM	Ramp	OFF	Rancho Ave Off-Ramp (No Ram	94832	0.38	1071	25	1096	23	23	406	10	416
116	2012	EXT	EB	AM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	568	13	581	19	19	181	4	185
117	2012	EXT	EB	AM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	979	36	1016	24	24	243	9	252
118	2012	EXT	EB	AM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	454	8	462	19	19	128	2	131
119	2012	EXT	EB	AM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	699	17	715	26	26	294	7	301
120	2012	EXT	EB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	498	8	507	19	19	129	2	132
121	2012	EXT	EB	AM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	2281	72	2354	34	34	537	17	554
122	2012	EXT	EB	AM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	5736	206	5942	28	28	4985	179	5164
123	2012	EXT	EB	AM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	3916	204	4120	31	31	2969	155	3124
124	2012	EXT	EB	AM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2271	32	2303	7	7	207	3	209
125	2012	EXT	EB	AM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1456	33	1488	17	17	362	8	370
126	2012	EXT	EB	AM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	656	17	674	18	18	91	2	94
127	2012	EXT	EB	AM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2041	38	2079	9	9	514	10	524
128	2012	EXT	EB	AM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	280	5	285	30	30	29	1	29
129	2012	EXT	EB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	1912	53	1965	19	19	562	16	577
130	2012	EXT	EB	AM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.37	947	25	972	28	28	351	9	360
131	2012	EXT	EB	AM	Ramp	OFF	California St Off-Ramp	94801	0.46	1724	47	1772	22	22	785	22	806
132	2012	EXT	EB	AM	Ramp	ON	California St On-Ramp	95942	0.39	252	10	262	30	30	98	4	101
133	2012	EXT	EB	AM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	1773	38	1811	21	21	769	17	785
134	2012	EXT	EB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	1498	54	1552	30	30	1239	44	1284
135	2012	EXT	EB	AM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	1824	47	1871	21	21	626	16	642
136	2012	EXT	EB	AM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	312	12	323	19	19	33	1	34
137	2012	EXT	EB	AM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	3407	418	3824	28	28	3616	443	4059
138	2012	EXT	EB	AM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2335	34	2369	8	8	208	3	211
139	2012	EXT	EB	AM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	527	12	539	20	20	156	4	160
140	2012	EXT	EB	AM	Ramp	OFF	University St Off-Ramp	94695	0.28	2737	53	2790	24	24	765	15	780
141	2012	EXT	EB	AM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	448	5	453	30	30	135	2	137
142	2012	EXT	EB	AM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	769	17	786	34	34	211	5	216
143	2012	EXT	EB	AM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	367	5	372	30	30	138	2	140
144	2012	EXT	EB	AM	HOV		LA County Line to Monte Vista	2664669	0.26	4090		4090	44	44	1048		1048
145	2012	EXT	EB	AM	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	4090		4090	44	44	2766		2766
146	2012	EXT	EB	AM	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	4090		4090	44	44	119		119
147	2012	EXT	EB	AM	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	4090		4090	44	44	2339		2339
148	2012	EXT	EB	AM	HOV		Central Ave On-Ramp to Moun	2664669	0.21	4090		4090	44	44	851		851
149	2012	EXT	EB	AM	HOV		Mountain Ave Off-Ramp to Mc	2665616	0.64	4427		4427	42	42	2822		2822
150	2012	EXT	EB	AM	HOV		Mountain Ave On-Ramp to Euc	2665616	0.48	4427		4427	42	42	2116		2116
151	2012	EXT	EB	AM	HOV		Euclid Ave Off-Ramp to Euclid /	2665616	0.65	4427		4427	42	42	2857		2857
152	2012	EXT	EB	AM	HOV		Euclid Ave On-Ramp to San Ber	2665616	0.51	4427		4427	42	42	2267		2267
153	2012	EXT	EB	AM	HOV		San Bernardino Ave/4th St Off-	2665612	0.57	4980		4980	37	37	2859		2859

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
154	2012	EXT	EB	AM	HOV		San Bernardino Ave/4th St On-	2665612	0.33	4980		4980	37	37	1639		1639
155	2012	EXT	EB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	4980		4980	37	37	1218		1218
156	2012	EXT	EB	AM	HOV		Vineyard Ave On-Ramp to Arch	2672085	0.19	5115		5115	44	44	984		984
157	2012	EXT	EB	AM	HOV		Archibald Ave Off-Ramp to Hol	2672085	0.34	5115		5115	44	44	1732		1732
158	2012	EXT	EB	AM	HOV		Holt Blvd On-Ramp to Archibal	91044	0.39	5115		5115	33	33	1996		1996
159	2012	EXT	EB	AM	HOV		Archibald Ave On-Ramp to Hav	2665602	0.22	6620		6620	19	19	1478		1478
160	2012	EXT	EB	AM	HOV		Haven Ave Off-Ramp to Haven	2665602	0.42	6620		6620	19	19	2754		2754
161	2012	EXT	EB	AM	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2012	EXT	EB	AM	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2012	EXT	EB	AM	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2012	EXT	EB	AM	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2012	EXT	EB	AM	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2012	EXT	EB	AM	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2012	EXT	EB	AM	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2012	EXT	EB	AM	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2012	EXT	EB	AM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2012	EXT	EB	AM	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2012	EXT	EB	AM	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2012	EXT	EB	AM	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citru							50			
173	2012	EXT	EB	AM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2012	EXT	EB	AM	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2012	EXT	EB	AM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2012	EXT	EB	AM	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2012	EXT	EB	AM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2012	EXT	EB	AM	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2012	EXT	EB	AM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2012	EXT	EB	AM	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2012	EXT	EB	AM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2012	EXT	EB	AM	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2012	EXT	EB	AM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2012	EXT	EB	AM	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2012	EXT	EB	AM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2012	EXT	EB	AM	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2012	EXT	EB	AM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2012	EXT	EB	AM	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2012	EXT	EB	AM	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th							50			
190	2012	EXT	EB	AM	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2012	EXT	EB	AM	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2012	EXT	EB	AM	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2012	EXT	EB	AM	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2012	EXT	EB	AM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2012	EXT	EB	AM	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2012	EXT	EB	AM	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Ran							50			
197	2012	EXT	EB	AM	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2012	EXT	EB	AM	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2012	EXT	EB	AM	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2012	EXT	EB	AM	HOV		Anderson St On-Ramp to Mountain View Ave Off-F							50			
201	2012	EXT	EB	AM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2012	EXT	EB	AM	HOV		Mountain View Ave On-Ramp to California St Off-F							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
203	2012	EXT	EB	AM	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2012	EXT	EB	AM	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2012	EXT	EB	AM	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2012	EXT	EB	AM	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2012	EXT	EB	AM	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2012	EXT	EB	AM	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2012	EXT	EB	AM	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2012	EXT	EB	AM	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2012	EXT	EB	AM	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2012	EXT	EB	AM	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2012	EXT	EB	AM	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2012	EXT	EB	AM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2012	EXT	EB	AM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2012	EXT	EB	MD	Mainline		LA County Line to Monte Vista	25707	0.26	25461	4200	29660	60	50	6523	1076	7599
2	2012	EXT	EB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	23014	4114	27129	61	50	15567	2783	18350
3	2012	EXT	EB	MD	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	24417	4229	28646	62	50	713	123	836
4	2012	EXT	EB	MD	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	21279	4111	25390	61	50	12171	2351	14523
5	2012	EXT	EB	MD	Mainline		Central Ave On-Ramp to Moun	23488	0.21	23877	4213	28090	62	50	4966	876	5842
6	2012	EXT	EB	MD	Mainline		Mountain Ave Off-Ramp to Mc	23480	0.64	20272	4070	24342	61	50	12923	2594	15517
7	2012	EXT	EB	MD	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	23632	4204	27836	61	50	11296	2010	13305
8	2012	EXT	EB	MD	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	19837	4030	23868	62	50	12802	2601	15403
9	2012	EXT	EB	MD	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	21966	4132	26098	61	50	11250	2116	13366
10	2012	EXT	EB	MD	Mainline		San Bernardino Ave/4th St Off-	23472	0.57	18114	3918	22032	62	50	10400	2249	12649
11	2012	EXT	EB	MD	Mainline		San Bernardino Ave/4th St On-	23534	0.33	20718	3981	24700	61	50	6817	1310	8127
12	2012	EXT	EB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	17877	3556	21433	62	50	4371	869	5240
13	2012	EXT	EB	MD	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	21393	3660	25053	63	50	4116	704	4820
14	2012	EXT	EB	MD	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	19759	3438	23198	63	50	6688	1164	7852
15	2012	EXT	EB	MD	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	24408	3773	28181	61	50	9522	1472	10993
16	2012	EXT	EB	MD	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	22643	3890	26533	62	50	5054	868	5922
17	2012	EXT	EB	MD	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	20475	3608	24083	61	50	8517	1501	10018
18	2012	EXT	EB	MD	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	37564	3655	41219	58	50	11728	1141	12869
19	2012	EXT	EB	MD	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	39977	3772	43749	60	50	8959	845	9805
20	2012	EXT	EB	MD	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	35116	3441	38557	59	50	18622	1825	20447
21	2012	EXT	EB	MD	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	37894	3599	41493	60	50	2013	191	2204
22	2012	EXT	EB	MD	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	29691	2771	32462	61	50	7373	688	8061
23	2012	EXT	EB	MD	Mainline		I-15 SB Off-Ramp to I-15 NB Or	23498	0.70	25788	2383	28171	60	50	18027	1666	19693
24	2012	EXT	EB	MD	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	30537	2686	33223	58	50	6616	582	7198
25	2012	EXT	EB	MD	Mainline		I-15 SB On-Ramp to Etiwanda /	24162	0.14	31551	2717	34268	60	50	4441	383	4824
26	2012	EXT	EB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	29733	2382	32115	62	50	38044	3047	41092
27	2012	EXT	EB	MD	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	31177	2483	33660	61	50	28824	2296	31120
28	2012	EXT	EB	MD	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	27764	2107	29871	62	50	16913	1284	18197
29	2012	EXT	EB	MD	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	31116	2285	33401	61	50	11092	815	11906
30	2012	EXT	EB	MD	Mainline		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
31	2012	EXT	EB	MD	Mainline		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
32	2012	EXT	EB	MD	Mainline		Citrus Ave Off-Ramp to Citrus /	24532	0.54	28155	2158	30313	62	50	15084	1156	16240
33	2012	EXT	EB	MD	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	30535	2275	32810	61	50	14307	1066	15373
34	2012	EXT	EB	MD	Mainline		Sierra Ave Off-Ramp to Sierra /	24384	0.64	25342	2046	27388	61	50	16154	1304	17458
35	2012	EXT	EB	MD	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	29108	2122	31230	60	50	9004	656	9660
36	2012	EXT	EB	MD	Mainline		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
37	2012	EXT	EB	MD	Mainline		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
38	2012	EXT	EB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	26156	1961	28117	61	50	22201	1665	23865
39	2012	EXT	EB	MD	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	28373	2029	30402	60	50	22570	1614	24184
40	2012	EXT	EB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	25161	1826	26987	63	50	14515	1053	15568
41	2012	EXT	EB	MD	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	27776	1906	29682	60	50	5543	380	5923
42	2012	EXT	EB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	25873	1846	27719	61	50	17068	1218	18287
43	2012	EXT	EB	MD	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	27565	1872	29437	60	50	7182	488	7670
44	2012	EXT	EB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	24210	0.70	25815	1809	27624	61	50	18024	1263	19287
45	2012	EXT	EB	MD	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	26820	1841	28661	61	50	4816	331	5147
46	2012	EXT	EB	MD	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	24987	1748	26735	61	50	13228	925	14153
47	2012	EXT	EB	MD	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	26314	1769	28083	62	50	739	50	788
48	2012	EXT	EB	MD	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	24950	1721	26671	62	50	15113	1042	16156
49	2012	EXT	EB	MD	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	26016	1744	27760	62	50	1259	84	1344
50	2012	EXT	EB	MD	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	22589	1598	24187	61	50	21277	1505	22782
51	2012	EXT	EB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	32101	2172	34273	60	50	3519	238	3757
52	2012	EXT	EB	MD	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	39908	2707	42616	60	50	5168	351	5518
53	2012	EXT	EB	MD	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	36060	2593	38653	59	50	3920	282	4202
54	2012	EXT	EB	MD	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	34190	2514	36703	57	50	21590	1587	23178
55	2012	EXT	EB	MD	Mainline		Waterman Ave On-Ramp to An	24356	0.28	35868	2561	38428	59	50	10133	723	10857
56	2012	EXT	EB	MD	Mainline		Anderson St Off-Ramp to Ande	24321	0.79	32397	2448	34845	57	50	25717	1943	27660
57	2012	EXT	EB	MD	Mainline		Anderson St On-Ramp to Mour	24003	0.21	33689	2460	36148	61	50	7009	512	7521
58	2012	EXT	EB	MD	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	30927	2331	33258	61	50	24445	1842	26288
59	2012	EXT	EB	MD	Mainline		Mountain View Ave On-Ramp t	24040	0.18	33580	2397	35977	61	50	6164	440	6604
60	2012	EXT	EB	MD	Mainline		California St Off-Ramp to Califc	24075	0.84	31181	2272	33454	61	50	26240	1912	28152
61	2012	EXT	EB	MD	Mainline		California St On-Ramp to Alaba	24046	0.18	32239	2300	34540	62	50	5666	404	6070
62	2012	EXT	EB	MD	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	29209	2196	31405	63	50	11437	860	12296
63	2012	EXT	EB	MD	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	25386	2051	27437	62	50	4484	362	4846
64	2012	EXT	EB	MD	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	22356	1929	24285	62	50	14380	1241	15621
65	2012	EXT	EB	MD	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	23884	1959	25843	61	50	4739	389	5128
66	2012	EXT	EB	MD	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	30602	2989	33591	61	50	1548	151	1700
67	2012	EXT	EB	MD	Mainline		Eureka St/Pearl Ave Off-Ramp	24182	0.98	26390	2894	29284	60	50	25978	2849	28827
68	2012	EXT	EB	MD	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	27816	2926	30742	60	50	8268	870	9137
69	2012	EXT	EB	MD	Mainline		University St Off-Ramp to Cypr	23724	0.80	22169	2781	24950	61	50	17636	2212	19848
70	2012	EXT	EB	MD	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	23324	2795	26119	62	50	10677	1279	11957
71	2012	EXT	EB	MD	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	21226	2748	23974	63	50	13799	1786	15585
72	2012	EXT	EB	MD	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.22	22109	2762	24870	14	14	4930	616	5546
73	2012	EXT	EB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2446	85	2532	21	21	463	16	479
74	2012	EXT	EB	MD	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1402	114	1517	18	18	181	15	196
75	2012	EXT	EB	MD	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3138	118	3255	18	18	408	15	423
76	2012	EXT	EB	MD	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2598	102	2700	16	16	487	19	506
77	2012	EXT	EB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3094	143	3237	18	18	500	23	523
78	2012	EXT	EB	MD	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	3360	135	3495	13	13	392	16	408
79	2012	EXT	EB	MD	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3795	174	3969	14	14	556	25	581
80	2012	EXT	EB	MD	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2129	102	2231	17	17	745	36	780
81	2012	EXT	EB	MD	Ramp	OFF	San Bernardino Ave/4th St Off-	94633	0.13	2547	214	2762	20	20	336	28	364
82	2012	EXT	EB	MD	Ramp	ON	San Bernardino Ave/4th St On-	2668743	0.08	2604	64	2668	16	16	197	5	202
83	2012	EXT	EB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	2841	425	3267	17	17	289	43	332
84	2012	EXT	EB	MD	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	3526	104	3630	26	26	442	13	455
85	2012	EXT	EB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	1634	221	1855	34	34	475	64	540

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
86	2012	EXT	EB	MD	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	4649	334	4983	24	24	1060	76	1136
87	2012	EXT	EB	MD	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1107	117	1224	18	18	257	27	284
88	2012	EXT	EB	MD	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2168	282	2450	27	27	308	40	348
89	2012	EXT	EB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	2474	47	2521	15	15	302	6	308
90	2012	EXT	EB	MD	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	2413	117	2530	15	15	675	33	708
91	2012	EXT	EB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	4861	331	5192	23	23	858	58	916
92	2012	EXT	EB	MD	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2778	158	2937	14	14	538	31	568
93	2012	EXT	EB	MD	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	8203	829	9032	30	30	9106	920	10026
94	2012	EXT	EB	MD	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3903	388	4291	27	27	2251	224	2475
95	2012	EXT	EB	MD	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	4749	303	5052	25	25	529	34	563
96	2012	EXT	EB	MD	Ramp	ON	I-15 SB On-Ramp	23557	1.20	1014	32	1045	35	35	1213	38	1251
97	2012	EXT	EB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1818	336	2153	28	28	357	66	423
98	2012	EXT	EB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1444	102	1546	29	29	517	36	553
99	2012	EXT	EB	MD	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	3413	376	3789	20	20	696	77	772
100	2012	EXT	EB	MD	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	3352	178	3530	26	26	1033	55	1088
101	2012	EXT	EB	MD	Ramp	OFF	Beach Ave Off-Ramp (Future)							50			
102	2012	EXT	EB	MD	Ramp	ON	Beach Ave On-Ramp (Future)							50			
103	2012	EXT	EB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2961	127	3088	24	24	396	17	413
104	2012	EXT	EB	MD	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2380	117	2497	16	16	638	31	670
105	2012	EXT	EB	MD	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	5192	230	5422	24	24	609	27	636
106	2012	EXT	EB	MD	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3766	76	3842	12	12	110	2	113
107	2012	EXT	EB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2012	EXT	EB	MD	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2012	EXT	EB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2953	160	3113	19	19	540	29	569
110	2012	EXT	EB	MD	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2218	68	2285	17	17	912	28	940
111	2012	EXT	EB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	3212	203	3416	23	23	403	25	428
112	2012	EXT	EB	MD	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	2615	80	2695	16	16	789	24	813
113	2012	EXT	EB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1903	60	1963	24	24	581	18	599
114	2012	EXT	EB	MD	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1692	26	1718	18	18	619	9	629
115	2012	EXT	EB	MD	Ramp	OFF	Rancho Ave Off-Ramp (No Ram	94832	0.38	1749	64	1813	24	24	663	24	688
116	2012	EXT	EB	MD	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	1004	32	1037	19	19	320	10	330
117	2012	EXT	EB	MD	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1833	93	1926	24	24	455	23	478
118	2012	EXT	EB	MD	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1327	21	1348	18	18	375	6	381
119	2012	EXT	EB	MD	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1364	48	1412	26	26	573	20	594
120	2012	EXT	EB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1066	23	1090	19	19	277	6	283
121	2012	EXT	EB	MD	Ramp	OFF	I-215 Off-Ramp	24444	0.24	3427	146	3573	34	34	806	34	841
122	2012	EXT	EB	MD	Ramp	ON	I-215 NB On-Ramp	24630	0.87	9512	574	10086	29	29	8266	499	8765
123	2012	EXT	EB	MD	Ramp	ON	I-215 SB On-Ramp	24516	0.76	7807	535	8343	31	31	5919	406	6325
124	2012	EXT	EB	MD	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3848	115	3963	11	11	350	10	360
125	2012	EXT	EB	MD	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1871	79	1950	22	22	465	20	485
126	2012	EXT	EB	MD	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1678	47	1725	17	17	233	7	240
127	2012	EXT	EB	MD	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3471	112	3583	13	13	874	28	902
128	2012	EXT	EB	MD	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1292	12	1303	29	29	133	1	134
129	2012	EXT	EB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2762	129	2891	25	25	811	38	849
130	2012	EXT	EB	MD	Ramp	ON	Mountain View Ave On-Ramp	95938	0.37	2654	66	2719	27	27	983	24	1008
131	2012	EXT	EB	MD	Ramp	OFF	California St Off-Ramp	94801	0.46	2399	124	2523	27	27	1092	57	1148
132	2012	EXT	EB	MD	Ramp	ON	California St On-Ramp	95942	0.39	1058	28	1086	29	29	410	11	421
133	2012	EXT	EB	MD	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	3030	104	3134	24	24	1314	45	1359
134	2012	EXT	EB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	3823	145	3968	29	29	3163	120	3282

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
135	2012	EXT	EB	MD	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	3030	123	3153	24	24	1040	42	1082
136	2012	EXT	EB	MD	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1528	30	1558	18	18	162	3	165
137	2012	EXT	EB	MD	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	6718	1031	7749	28	28	7130	1094	8224
138	2012	EXT	EB	MD	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	4212	95	4308	11	11	375	9	384
139	2012	EXT	EB	MD	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1426	32	1458	19	19	423	9	432
140	2012	EXT	EB	MD	Ramp	OFF	University St Off-Ramp	94695	0.28	5647	145	5792	24	24	1579	41	1619
141	2012	EXT	EB	MD	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	1155	14	1169	30	30	349	4	354
142	2012	EXT	EB	MD	Ramp	OFF	Ford St Off-Ramp	94682	0.27	2098	47	2145	34	34	577	13	589
143	2012	EXT	EB	MD	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	883	14	896	30	30	332	5	338
144	2012	EXT	EB	MD	HOV		LA County Line to Monte Vista	2664669	0.26	9916		9916	37	37	2541		2541
145	2012	EXT	EB	MD	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	9916		9916	37	37	6707		6707
146	2012	EXT	EB	MD	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	9916		9916	37	37	289		289
147	2012	EXT	EB	MD	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	9916		9916	37	37	5672		5672
148	2012	EXT	EB	MD	HOV		Central Ave On-Ramp to Moun	2664669	0.21	9916		9916	37	37	2062		2062
149	2012	EXT	EB	MD	HOV		Mountain Ave Off-Ramp to Mc	2665616	0.64	10427		10427	35	35	6647		6647
150	2012	EXT	EB	MD	HOV		Mountain Ave On-Ramp to Euc	2665616	0.48	10427		10427	35	35	4984		4984
151	2012	EXT	EB	MD	HOV		Euclid Ave Off-Ramp to Euclid /	2665616	0.65	10427		10427	35	35	6729		6729
152	2012	EXT	EB	MD	HOV		Euclid Ave On-Ramp to San Be	2665616	0.51	10427		10427	35	35	5340		5340
153	2012	EXT	EB	MD	HOV		San Bernardino Ave/4th St Off-	2665612	0.57	11732		11732	29	29	6736		6736
154	2012	EXT	EB	MD	HOV		San Bernardino Ave/4th St On-	2665612	0.33	11732		11732	29	29	3860		3860
155	2012	EXT	EB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	11732		11732	29	29	2868		2868
156	2012	EXT	EB	MD	HOV		Vineyard Ave On-Ramp to Arch	2672085	0.19	11742		11742	37	37	2259		2259
157	2012	EXT	EB	MD	HOV		Archibald Ave Off-Ramp to Hol	2672085	0.34	11742		11742	37	37	3975		3975
158	2012	EXT	EB	MD	HOV		Holt Blvd On-Ramp to Archibal	91044	0.39	11742		11742	26	26	4581		4581
159	2012	EXT	EB	MD	HOV		Archibald Ave On-Ramp to Hav	2665602	0.22	14614		14614	13	13	3262		3262
160	2012	EXT	EB	MD	HOV		Haven Ave Off-Ramp to Haven	2665602	0.42	14614		14614	13	13	6079		6079
161	2012	EXT	EB	MD	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2012	EXT	EB	MD	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2012	EXT	EB	MD	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2012	EXT	EB	MD	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2012	EXT	EB	MD	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2012	EXT	EB	MD	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2012	EXT	EB	MD	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2012	EXT	EB	MD	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2012	EXT	EB	MD	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2012	EXT	EB	MD	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2012	EXT	EB	MD	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2012	EXT	EB	MD	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citr							50			
173	2012	EXT	EB	MD	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2012	EXT	EB	MD	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2012	EXT	EB	MD	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2012	EXT	EB	MD	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2012	EXT	EB	MD	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2012	EXT	EB	MD	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2012	EXT	EB	MD	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2012	EXT	EB	MD	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2012	EXT	EB	MD	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2012	EXT	EB	MD	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2012	EXT	EB	MD	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
184	2012	EXT	EB	MD	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2012	EXT	EB	MD	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2012	EXT	EB	MD	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2012	EXT	EB	MD	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2012	EXT	EB	MD	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2012	EXT	EB	MD	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9tl							50			
190	2012	EXT	EB	MD	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2012	EXT	EB	MD	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2012	EXT	EB	MD	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2012	EXT	EB	MD	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2012	EXT	EB	MD	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2012	EXT	EB	MD	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2012	EXT	EB	MD	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Rar							50			
197	2012	EXT	EB	MD	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2012	EXT	EB	MD	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2012	EXT	EB	MD	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2012	EXT	EB	MD	HOV		Anderson St On-Ramp to Mountain View Ave Off-F							50			
201	2012	EXT	EB	MD	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2012	EXT	EB	MD	HOV		Mountain View Ave On-Ramp to California St Off-F							50			
203	2012	EXT	EB	MD	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2012	EXT	EB	MD	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2012	EXT	EB	MD	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2012	EXT	EB	MD	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2012	EXT	EB	MD	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2012	EXT	EB	MD	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2012	EXT	EB	MD	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2012	EXT	EB	MD	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2012	EXT	EB	MD	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2012	EXT	EB	MD	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2012	EXT	EB	MD	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2012	EXT	EB	MD	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2012	EXT	EB	MD	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2012	EXT	EB	PM	Mainline		LA County Line to Monte Vista	25707	0.26	31129	3386	34515	43	43	7976	868	8843
2	2012	EXT	EB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	28373	3328	31701	49	49	19192	2251	21442
3	2012	EXT	EB	PM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	30006	3407	33413	55	50	876	99	975
4	2012	EXT	EB	PM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	26957	3331	30288	52	50	15419	1905	17324
5	2012	EXT	EB	PM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	29251	3381	32632	55	50	6084	703	6787
6	2012	EXT	EB	PM	Mainline		Mountain Ave Off-Ramp to Mc	23480	0.64	25882	3323	29205	53	50	16499	2118	18617
7	2012	EXT	EB	PM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	28665	3400	32064	49	49	13701	1625	15326
8	2012	EXT	EB	PM	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	25147	3336	28483	54	50	16228	2153	18381
9	2012	EXT	EB	PM	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	27038	3394	30432	51	50	13847	1738	15585
10	2012	EXT	EB	PM	Mainline		San Bernardino Ave/4th St Off-	23472	0.57	23459	3270	26729	56	50	13468	1877	15346
11	2012	EXT	EB	PM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	25476	3303	28780	54	50	8383	1087	9470
12	2012	EXT	EB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	23054	3092	26146	56	50	5636	756	6392
13	2012	EXT	EB	PM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	25935	3168	29104	61	50	4990	610	5599
14	2012	EXT	EB	PM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	23535	3028	26563	59	50	7966	1025	8991
15	2012	EXT	EB	PM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	27841	3223	31065	55	50	10861	1257	12119
16	2012	EXT	EB	PM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	27344	3274	30618	56	50	6103	731	6834
17	2012	EXT	EB	PM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	24716	3075	27791	53	50	10282	1279	11561

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
18	2012	EXT	EB	PM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	37530	3090	40620	40	40	11717	965	12682
19	2012	EXT	EB	PM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	40359	3134	43494	46	46	9045	702	9747
20	2012	EXT	EB	PM	Mainline		Milliken Ave Off-Ramp to Millil	23622	0.53	37687	2869	40556	40	40	19986	1521	21507
21	2012	EXT	EB	PM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	40414	2932	43346	47	47	2147	156	2302
22	2012	EXT	EB	PM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	32257	2298	34555	52	50	8010	571	8581
23	2012	EXT	EB	PM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	23498	0.70	27967	1748	29715	51	50	19550	1222	20772
24	2012	EXT	EB	PM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	32754	2064	34818	41	41	7096	447	7543
25	2012	EXT	EB	PM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	33511	2082	35593	51	50	4717	293	5010
26	2012	EXT	EB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	31759	1869	33628	53	50	40637	2392	43029
27	2012	EXT	EB	PM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	33535	1940	35476	49	49	31005	1794	32799
28	2012	EXT	EB	PM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	30536	1772	32308	55	50	18602	1080	19682
29	2012	EXT	EB	PM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	33856	1875	35731	49	49	12068	668	12737
30	2012	EXT	EB	PM	Mainline		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
31	2012	EXT	EB	PM	Mainline		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
32	2012	EXT	EB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	31072	1818	32890	54	50	16646	974	17620
33	2012	EXT	EB	PM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	33244	1880	35124	53	50	15576	881	16457
34	2012	EXT	EB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	27939	1742	29680	53	50	17809	1110	18919
35	2012	EXT	EB	PM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	31195	1781	32977	48	48	9649	551	10200
36	2012	EXT	EB	PM	Mainline		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
37	2012	EXT	EB	PM	Mainline		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
38	2012	EXT	EB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	28438	1722	30159	53	50	24138	1461	25599
39	2012	EXT	EB	PM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	30039	1763	31803	50	50	23895	1402	25298
40	2012	EXT	EB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	27108	1675	28783	58	50	15638	966	16604
41	2012	EXT	EB	PM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	29276	1713	30990	51	50	5843	342	6184
42	2012	EXT	EB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	27261	1679	28940	54	50	17984	1108	19092
43	2012	EXT	EB	PM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	28570	1696	30265	52	50	7444	442	7886
44	2012	EXT	EB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	24210	0.70	26779	1514	28293	55	50	18697	1057	19754
45	2012	EXT	EB	PM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	28052	1546	29597	53	50	5037	278	5315
46	2012	EXT	EB	PM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	26437	1491	27928	55	50	13995	789	14785
47	2012	EXT	EB	PM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	27955	1503	29458	58	50	785	42	827
48	2012	EXT	EB	PM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	26879	1474	28352	59	50	16281	893	17174
49	2012	EXT	EB	PM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	27997	1487	29483	57	50	1355	72	1427
50	2012	EXT	EB	PM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	23970	1369	25339	56	50	22577	1290	23867
51	2012	EXT	EB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	32850	1652	34502	52	50	3601	181	3782
52	2012	EXT	EB	PM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	38810	1974	40784	51	50	5025	256	5281
53	2012	EXT	EB	PM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	35993	1916	37909	47	47	3913	208	4121
54	2012	EXT	EB	PM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	34420	1845	36265	37	37	21736	1165	22901
55	2012	EXT	EB	PM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	36284	1868	38152	47	47	10251	528	10779
56	2012	EXT	EB	PM	Mainline		Anderson St Off-Ramp to Ande	24321	0.79	33921	1801	35722	39	39	26927	1430	28357
57	2012	EXT	EB	PM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	35550	1808	37358	44	44	7396	376	7773
58	2012	EXT	EB	PM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	33397	1747	35144	50	50	26398	1381	27779
59	2012	EXT	EB	PM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	36467	1785	38252	40	40	6694	328	7021
60	2012	EXT	EB	PM	Mainline		California St Off-Ramp to Califc	24075	0.84	34939	1717	36656	46	46	29402	1445	30847
61	2012	EXT	EB	PM	Mainline		California St On-Ramp to Alaba	24046	0.18	36588	1734	38322	54	50	6430	305	6735
62	2012	EXT	EB	PM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	34293	1675	35968	57	50	13427	656	14083
63	2012	EXT	EB	PM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	29937	1622	31560	56	50	5288	287	5574
64	2012	EXT	EB	PM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	27395	1555	28950	54	50	17621	1000	18621
65	2012	EXT	EB	PM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	29127	1566	30693	52	50	5779	311	6090
66	2012	EXT	EB	PM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	36081	2280	38361	48	48	1826	115	1941

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
67	2012	EXT	EB	PM	Mainline		Eureka St/Pearl Ave Off-Ramp	24182	0.98	32815	2220	35035	43	43	32303	2185	34488
68	2012	EXT	EB	PM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	34317	2239	36556	38	38	10200	665	10865
69	2012	EXT	EB	PM	Mainline		University St Off-Ramp to Cypr	23724	0.80	28975	2185	31160	48	48	23050	1738	24788
70	2012	EXT	EB	PM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	29729	2191	31920	51	50	13609	1003	14612
71	2012	EXT	EB	PM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	27095	2167	29262	58	50	17615	1409	19023
72	2012	EXT	EB	PM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.22	29280	2186	31465	12	12	6529	487	7017
73	2012	EXT	EB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2756	59	2814	12	12	521	11	532
74	2012	EXT	EB	PM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1633	80	1712	16	16	211	10	221
75	2012	EXT	EB	PM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3048	76	3125	9	9	396	10	406
76	2012	EXT	EB	PM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2294	50	2344	13	13	430	9	439
77	2012	EXT	EB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3212	58	3270	7	7	520	9	529
78	2012	EXT	EB	PM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2782	77	2859	10	10	325	9	334
79	2012	EXT	EB	PM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3517	64	3581	4	4	515	9	525
80	2012	EXT	EB	PM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1891	59	1949	15	15	661	21	682
81	2012	EXT	EB	PM	Ramp	OFF	San Bernardino Ave/4th St Off-	94633	0.13	3099	125	3224	8	8	408	16	425
82	2012	EXT	EB	PM	Ramp	ON	San Bernardino Ave/4th St On-	2668743	0.08	2017	34	2051	15	15	153	3	155
83	2012	EXT	EB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	2422	211	2633	13	13	246	22	268
84	2012	EXT	EB	PM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2886	76	2963	25	25	362	10	371
85	2012	EXT	EB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	2401	140	2541	32	32	698	41	739
86	2012	EXT	EB	PM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	4307	195	4502	20	20	982	44	1026
87	2012	EXT	EB	PM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1334	50	1384	16	16	310	12	321
88	2012	EXT	EB	PM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2628	199	2827	25	25	373	28	401
89	2012	EXT	EB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	2408	15	2423	12	12	294	2	296
90	2012	EXT	EB	PM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	2829	44	2874	9	9	791	12	804
91	2012	EXT	EB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2672	266	2938	24	24	472	47	519
92	2012	EXT	EB	PM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2726	64	2790	9	9	527	12	540
93	2012	EXT	EB	PM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	8157	635	8791	26	26	9055	705	9759
94	2012	EXT	EB	PM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	4291	549	4840	18	18	2475	317	2792
95	2012	EXT	EB	PM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	4788	315	5103	17	17	534	35	569
96	2012	EXT	EB	PM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	757	18	775	35	35	906	22	928
97	2012	EXT	EB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1752	213	1964	27	27	344	42	386
98	2012	EXT	EB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1776	71	1847	27	27	635	25	661
99	2012	EXT	EB	PM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	2999	168	3167	13	13	611	34	646
100	2012	EXT	EB	PM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	3320	102	3422	24	24	1023	32	1055
101	2012	EXT	EB	PM	Ramp	OFF	Beach Ave Off-Ramp (Future)							50			
102	2012	EXT	EB	PM	Ramp	ON	Beach Ave On-Ramp (Future)							50			
103	2012	EXT	EB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2784	56	2841	17	17	373	8	380
104	2012	EXT	EB	PM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2172	62	2234	14	14	583	17	599
105	2012	EXT	EB	PM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	5305	138	5443	18	18	622	16	638
106	2012	EXT	EB	PM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3257	39	3296	7	7	95	1	97
107	2012	EXT	EB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2012	EXT	EB	PM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2012	EXT	EB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2758	60	2817	12	12	504	11	515
110	2012	EXT	EB	PM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1602	41	1643	16	16	659	17	676
111	2012	EXT	EB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	2931	88	3019	15	15	368	11	379
112	2012	EXT	EB	PM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	2168	38	2207	14	14	654	12	666
113	2012	EXT	EB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2016	34	2050	19	19	616	10	626
114	2012	EXT	EB	PM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1309	17	1326	17	17	479	6	485
115	2012	EXT	EB	PM	Ramp	OFF	Rancho Ave Off-Ramp (No Ram	94832	0.38	1791	182	1972	19	19	679	69	748

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
116	2012	EXT	EB	PM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	1273	32	1304	17	17	405	10	415
117	2012	EXT	EB	PM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1614	55	1669	22	22	400	14	414
118	2012	EXT	EB	PM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1518	12	1530	17	17	429	3	433
119	2012	EXT	EB	PM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1076	29	1106	25	25	453	12	465
120	2012	EXT	EB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1118	13	1131	18	18	290	3	294
121	2012	EXT	EB	PM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	4027	118	4144	34	34	947	28	975
122	2012	EXT	EB	PM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	8881	282	9163	26	26	7718	245	7963
123	2012	EXT	EB	PM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	5960	322	6282	30	30	4518	244	4762
124	2012	EXT	EB	PM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2817	58	2875	8	8	256	5	262
125	2012	EXT	EB	PM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1573	70	1644	19	19	391	18	409
126	2012	EXT	EB	PM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1864	23	1887	14	14	259	3	262
127	2012	EXT	EB	PM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2363	67	2430	13	13	595	17	612
128	2012	EXT	EB	PM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1629	7	1636	28	28	167	1	168
129	2012	EXT	EB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2153	61	2214	23	23	632	18	650
130	2012	EXT	EB	PM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.37	3070	38	3108	24	24	1138	14	1152
131	2012	EXT	EB	PM	Ramp	OFF	California St Off-Ramp	94801	0.46	1528	68	1597	28	28	696	31	727
132	2012	EXT	EB	PM	Ramp	ON	California St On-Ramp	95942	0.39	1649	18	1666	28	28	639	7	645
133	2012	EXT	EB	PM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2295	59	2354	22	22	995	26	1021
134	2012	EXT	EB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	4356	53	4408	29	29	3603	43	3647
135	2012	EXT	EB	PM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2542	68	2610	20	20	872	23	895
136	2012	EXT	EB	PM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1733	11	1744	16	16	184	1	185
137	2012	EXT	EB	PM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	6953	714	7668	26	26	7380	758	8138
138	2012	EXT	EB	PM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	3265	61	3326	7	7	291	5	296
139	2012	EXT	EB	PM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1502	19	1521	19	19	445	6	451
140	2012	EXT	EB	PM	Ramp	OFF	University St Off-Ramp	94695	0.28	5342	54	5396	18	18	1493	15	1509
141	2012	EXT	EB	PM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	754	6	760	30	30	228	2	230
142	2012	EXT	EB	PM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	2634	24	2658	32	32	724	7	730
143	2012	EXT	EB	PM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	2184	19	2203	29	29	823	7	830
144	2012	EXT	EB	PM	HOV		LA County Line to Monte Vista	2664669	0.26	7934		7934	28	28	2033		2033
145	2012	EXT	EB	PM	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	7934		7934	28	28	5367		5367
146	2012	EXT	EB	PM	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	7934		7934	28	28	232		232
147	2012	EXT	EB	PM	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	7934		7934	28	28	4538		4538
148	2012	EXT	EB	PM	HOV		Central Ave On-Ramp to Moun	2664669	0.21	7934		7934	28	28	1650		1650
149	2012	EXT	EB	PM	HOV		Mountain Ave Off-Ramp to Mc	2665616	0.64	8091		8091	27	27	5158		5158
150	2012	EXT	EB	PM	HOV		Mountain Ave On-Ramp to Euc	2665616	0.48	8091		8091	27	27	3867		3867
151	2012	EXT	EB	PM	HOV		Euclid Ave Off-Ramp to Euclid /	2665616	0.65	8091		8091	27	27	5221		5221
152	2012	EXT	EB	PM	HOV		Euclid Ave On-Ramp to San Ber	2665616	0.51	8091		8091	27	27	4144		4144
153	2012	EXT	EB	PM	HOV		San Bernardino Ave/4th St Off-	2665612	0.57	8570		8570	23	23	4920		4920
154	2012	EXT	EB	PM	HOV		San Bernardino Ave/4th St On-	2665612	0.33	8570		8570	23	23	2820		2820
155	2012	EXT	EB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	8570		8570	23	23	2095		2095
156	2012	EXT	EB	PM	HOV		Vineyard Ave On-Ramp to Arch	2672085	0.19	8576		8576	31	31	1650		1650
157	2012	EXT	EB	PM	HOV		Archibald Ave Off-Ramp to Hol	2672085	0.34	8576		8576	31	31	2903		2903
158	2012	EXT	EB	PM	HOV		Holt Blvd On-Ramp to Archibal	91044	0.39	8576		8576	21	21	3345		3345
159	2012	EXT	EB	PM	HOV		Archibald Ave On-Ramp to Hav	2665602	0.22	10406		10406	9	9	2323		2323
160	2012	EXT	EB	PM	HOV		Haven Ave Off-Ramp to Haven	2665602	0.42	10406		10406	9	9	4329		4329
161	2012	EXT	EB	PM	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2012	EXT	EB	PM	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2012	EXT	EB	PM	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2012	EXT	EB	PM	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
165	2012	EXT	EB	PM	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2012	EXT	EB	PM	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2012	EXT	EB	PM	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2012	EXT	EB	PM	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2012	EXT	EB	PM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2012	EXT	EB	PM	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2012	EXT	EB	PM	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2012	EXT	EB	PM	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citr							50			
173	2012	EXT	EB	PM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2012	EXT	EB	PM	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2012	EXT	EB	PM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2012	EXT	EB	PM	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2012	EXT	EB	PM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2012	EXT	EB	PM	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2012	EXT	EB	PM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2012	EXT	EB	PM	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2012	EXT	EB	PM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2012	EXT	EB	PM	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2012	EXT	EB	PM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2012	EXT	EB	PM	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2012	EXT	EB	PM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2012	EXT	EB	PM	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2012	EXT	EB	PM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2012	EXT	EB	PM	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2012	EXT	EB	PM	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9tl							50			
190	2012	EXT	EB	PM	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2012	EXT	EB	PM	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2012	EXT	EB	PM	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2012	EXT	EB	PM	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2012	EXT	EB	PM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2012	EXT	EB	PM	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2012	EXT	EB	PM	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Rar							50			
197	2012	EXT	EB	PM	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2012	EXT	EB	PM	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2012	EXT	EB	PM	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2012	EXT	EB	PM	HOV		Anderson St On-Ramp to Mountain View Ave Off-I							50			
201	2012	EXT	EB	PM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2012	EXT	EB	PM	HOV		Mountain View Ave On-Ramp to California St Off-I							50			
203	2012	EXT	EB	PM	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2012	EXT	EB	PM	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2012	EXT	EB	PM	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2012	EXT	EB	PM	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2012	EXT	EB	PM	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2012	EXT	EB	PM	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2012	EXT	EB	PM	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2012	EXT	EB	PM	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2012	EXT	EB	PM	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2012	EXT	EB	PM	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2012	EXT	EB	PM	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
214	2012	EXT	EB	PM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2012	EXT	EB	PM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2012	EXT	EB	NT	Mainline		LA County Line to Monte Vista	25707	0.26	15434	5964	21398	63	50	3954	1528	5483
2	2012	EXT	EB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	14412	5901	20313	64	50	9748	3991	13740
3	2012	EXT	EB	NT	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	15306	5976	21282	64	50	447	174	621
4	2012	EXT	EB	NT	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	13369	5877	19247	64	50	7647	3362	11009
5	2012	EXT	EB	NT	Mainline		Central Ave On-Ramp to Moun	23488	0.21	14991	5957	20948	64	50	3118	1239	4357
6	2012	EXT	EB	NT	Mainline		Mountain Ave Off-Ramp to Mc	23480	0.64	12106	5836	17942	64	50	7717	3720	11437
7	2012	EXT	EB	NT	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	14332	5955	20287	64	50	6851	2846	9697
8	2012	EXT	EB	NT	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	11479	5787	17266	64	50	7408	3735	11142
9	2012	EXT	EB	NT	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	12803	5854	18657	64	50	6557	2998	9555
10	2012	EXT	EB	NT	Mainline		San Bernardino Ave/4th St Off-	23472	0.57	10122	5648	15770	64	50	5811	3243	9054
11	2012	EXT	EB	NT	Mainline		San Bernardino Ave/4th St On-	23534	0.33	11529	5690	17219	64	50	3794	1872	5666
12	2012	EXT	EB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	10831	5444	16276	64	50	2648	1331	3979
13	2012	EXT	EB	NT	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	12269	5518	17786	64	50	2360	1061	3422
14	2012	EXT	EB	NT	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	11583	5394	16977	64	50	3921	1826	5747
15	2012	EXT	EB	NT	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	14926	5706	20633	64	50	5823	2226	8049
16	2012	EXT	EB	NT	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	13412	5768	19180	64	50	2993	1287	4281
17	2012	EXT	EB	NT	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	12063	5474	17536	64	50	5018	2277	7295
18	2012	EXT	EB	NT	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	24249	5538	29787	63	50	7571	1729	9300
19	2012	EXT	EB	NT	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	24732	5673	30405	64	50	5543	1271	6814
20	2012	EXT	EB	NT	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	21708	5377	27085	63	50	11512	2851	14363
21	2012	EXT	EB	NT	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	23332	5555	28887	64	50	1239	295	1534
22	2012	EXT	EB	NT	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	18300	3580	21880	64	50	4544	889	5433
23	2012	EXT	EB	NT	Mainline		I-15 SB Off-Ramp to I-15 NB Or	23498	0.70	14801	3277	18078	64	50	10347	2291	12637
24	2012	EXT	EB	NT	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	16703	3504	20206	63	50	3619	759	4378
25	2012	EXT	EB	NT	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	17213	3517	20730	64	50	2423	495	2918
26	2012	EXT	EB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	16635	3253	19888	64	50	21285	4162	25447
27	2012	EXT	EB	NT	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	17215	3333	20548	64	50	15916	3081	18997
28	2012	EXT	EB	NT	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	14516	2923	17439	64	50	8843	1781	10624
29	2012	EXT	EB	NT	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	16497	3092	19589	64	50	5881	1102	6983
30	2012	EXT	EB	NT	Mainline		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
31	2012	EXT	EB	NT	Mainline		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
32	2012	EXT	EB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	15100	3000	18099	64	50	8089	1607	9696
33	2012	EXT	EB	NT	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	16470	3108	19578	64	50	7717	1456	9173
34	2012	EXT	EB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	13624	2932	16556	64	50	8684	1869	10553
35	2012	EXT	EB	NT	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	15715	2990	18705	64	50	4861	925	5786
36	2012	EXT	EB	NT	Mainline		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
37	2012	EXT	EB	NT	Mainline		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
38	2012	EXT	EB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	13559	2807	16366	64	50	11509	2382	13891
39	2012	EXT	EB	NT	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	14775	2860	17635	64	50	11753	2275	14028
40	2012	EXT	EB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	12865	2679	15544	64	50	7421	1545	8967
41	2012	EXT	EB	NT	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	14298	2755	17052	64	50	2853	550	3403
42	2012	EXT	EB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	13040	2699	15738	64	50	8602	1780	10383
43	2012	EXT	EB	NT	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	13905	2719	16624	64	50	3623	709	4332
44	2012	EXT	EB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	24210	0.70	12939	2666	15605	64	50	9034	1862	10895
45	2012	EXT	EB	NT	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	13395	2684	16078	64	50	2405	482	2887
46	2012	EXT	EB	NT	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	12427	2587	15013	64	50	6578	1369	7948
47	2012	EXT	EB	NT	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	13004	2602	15606	64	50	365	73	438

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
48	2012	EXT	EB	NT	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	12245	2558	14803	64	50	7417	1549	8967
49	2012	EXT	EB	NT	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	12703	2573	15276	64	50	615	125	739
50	2012	EXT	EB	NT	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	11344	2441	13785	64	50	10685	2299	12984
51	2012	EXT	EB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	16913	3007	19920	64	50	1854	330	2183
52	2012	EXT	EB	NT	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	21151	3586	24737	64	50	2739	464	3203
53	2012	EXT	EB	NT	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	18715	3385	22100	64	50	2034	368	2402
54	2012	EXT	EB	NT	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	18715	3385	22100	63	50	11818	2137	13956
55	2012	EXT	EB	NT	Mainline		Waterman Ave On-Ramp to An	24356	0.28	19732	3424	23156	64	50	5575	967	6542
56	2012	EXT	EB	NT	Mainline		Anderson St Off-Ramp to Ande	24321	0.79	17605	3254	20859	63	50	13975	2583	16558
57	2012	EXT	EB	NT	Mainline		Anderson St On-Ramp to Mour	24003	0.21	18262	3264	21526	64	50	3800	679	4479
58	2012	EXT	EB	NT	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	17024	3171	20195	64	50	13456	2507	15963
59	2012	EXT	EB	NT	Mainline		Mountain View Ave On-Ramp t	24040	0.18	18744	3226	21971	64	50	3441	592	4033
60	2012	EXT	EB	NT	Mainline		California St Off-Ramp to Califc	24075	0.84	17868	3108	20976	64	50	15037	2615	17652
61	2012	EXT	EB	NT	Mainline		California St On-Ramp to Alaba	24046	0.18	18491	3129	21619	64	50	3250	550	3800
62	2012	EXT	EB	NT	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	16809	3002	19811	64	50	6581	1175	7757
63	2012	EXT	EB	NT	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	14564	2880	17444	64	50	2572	509	3081
64	2012	EXT	EB	NT	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	12849	2767	15616	64	50	8265	1780	10045
65	2012	EXT	EB	NT	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	13741	2791	16532	64	50	2726	554	3280
66	2012	EXT	EB	NT	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	17091	3153	20244	64	50	865	160	1024
67	2012	EXT	EB	NT	Mainline		Eureka St/Pearl Ave Off-Ramp	24182	0.98	14522	3033	17556	64	50	14296	2986	17282
68	2012	EXT	EB	NT	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	15400	3056	18457	64	50	4577	908	5486
69	2012	EXT	EB	NT	Mainline		University St Off-Ramp to Cypr	23724	0.80	12595	2989	15584	64	50	10020	2378	12397
70	2012	EXT	EB	NT	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	13439	2999	16438	64	50	6152	1373	7525
71	2012	EXT	EB	NT	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	12056	2967	15023	64	50	7837	1929	9767
72	2012	EXT	EB	NT	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.22	12447	2974	15421	14	14	2776	663	3439
73	2012	EXT	EB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1022	63	1085	28	28	193	12	205
74	2012	EXT	EB	NT	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	894	75	969	19	19	116	10	125
75	2012	EXT	EB	NT	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	1937	99	2036	26	26	252	13	265
76	2012	EXT	EB	NT	Ramp	ON	Central Ave On-Ramp	2668755	0.19	1621	80	1701	19	19	304	15	319
77	2012	EXT	EB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	2035	121	2156	26	26	329	20	349
78	2012	EXT	EB	NT	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2226	119	2345	18	18	260	14	274
79	2012	EXT	EB	NT	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	2853	168	3021	24	24	418	25	443
80	2012	EXT	EB	NT	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1324	67	1391	19	19	463	23	487
81	2012	EXT	EB	NT	Ramp	OFF	San Bernardino Ave/4th St Off-	94633	0.13	1607	206	1813	27	27	212	27	239
82	2012	EXT	EB	NT	Ramp	ON	San Bernardino Ave/4th St On-	2668743	0.08	1407	42	1449	19	19	107	3	110
83	2012	EXT	EB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	698	246	944	28	28	71	25	96
84	2012	EXT	EB	NT	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	1896	73	1969	29	29	237	9	247
85	2012	EXT	EB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	686	123	809	35	35	199	36	235
86	2012	EXT	EB	NT	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	3343	312	3655	28	28	762	71	833
87	2012	EXT	EB	NT	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1015	62	1078	19	19	236	14	250
88	2012	EXT	EB	NT	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	1349	295	1644	29	29	191	42	233
89	2012	EXT	EB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1133	64	1197	19	19	138	8	146
90	2012	EXT	EB	NT	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	483	135	618	19	19	135	38	173
91	2012	EXT	EB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3024	296	3320	28	28	534	52	586
92	2012	EXT	EB	NT	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	1624	178	1802	18	18	314	34	349
93	2012	EXT	EB	NT	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	5032	1975	7007	33	33	5587	2192	7779
94	2012	EXT	EB	NT	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3499	303	3802	31	31	2018	175	2193
95	2012	EXT	EB	NT	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	1901	227	2129	33	33	212	25	237
96	2012	EXT	EB	NT	Ramp	ON	I-15 SB On-Ramp	23557	1.20	511	13	524	35	35	612	15	627

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
97	2012	EXT	EB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	578	264	842	29	29	114	52	165
98	2012	EXT	EB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	580	80	660	30	30	208	29	236
99	2012	EXT	EB	NT	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	2699	409	3108	29	29	550	83	634
100	2012	EXT	EB	NT	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	1981	169	2150	29	29	610	52	662
101	2012	EXT	EB	NT	Ramp	OFF	Beach Ave Off-Ramp (Future)							50			
102	2012	EXT	EB	NT	Ramp	ON	Beach Ave On-Ramp (Future)							50			
103	2012	EXT	EB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1397	92	1490	33	33	187	12	199
104	2012	EXT	EB	NT	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1370	108	1479	19	19	368	29	397
105	2012	EXT	EB	NT	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2846	176	3022	29	29	334	21	354
106	2012	EXT	EB	NT	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2091	58	2149	18	18	61	2	63
107	2012	EXT	EB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2012	EXT	EB	NT	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2012	EXT	EB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2156	183	2339	26	26	394	33	428
110	2012	EXT	EB	NT	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1216	53	1269	19	19	500	22	522
111	2012	EXT	EB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1910	182	2091	32	32	240	23	262
112	2012	EXT	EB	NT	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	1433	76	1509	19	19	432	23	455
113	2012	EXT	EB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1258	56	1314	28	28	384	17	401
114	2012	EXT	EB	NT	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	866	21	886	19	19	317	8	324
115	2012	EXT	EB	NT	Ramp	OFF	Rancho Ave Off-Ramp (No Ram	94832	0.38	966	53	1019	28	28	367	20	387
116	2012	EXT	EB	NT	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	456	17	473	20	20	145	5	151
117	2012	EXT	EB	NT	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	968	97	1065	28	28	240	24	264
118	2012	EXT	EB	NT	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	577	16	593	20	20	163	4	168
119	2012	EXT	EB	NT	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	759	44	804	29	29	319	19	338
120	2012	EXT	EB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	458	15	474	20	20	119	4	123
121	2012	EXT	EB	NT	Ramp	OFF	I-215 Off-Ramp	24444	0.24	1359	132	1491	35	35	320	31	351
122	2012	EXT	EB	NT	Ramp	ON	I-215 NB On-Ramp	24630	0.87	5569	565	6134	33	33	4840	491	5331
123	2012	EXT	EB	NT	Ramp	ON	I-215 SB On-Ramp	24516	0.76	4238	579	4817	34	34	3212	439	3652
124	2012	EXT	EB	NT	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2436	201	2637	24	24	222	18	240
125	2012	EXT	EB	NT	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25				30	30			
126	2012	EXT	EB	NT	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1017	40	1056	19	19	141	6	147
127	2012	EXT	EB	NT	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2127	170	2297	25	25	536	43	579
128	2012	EXT	EB	NT	Ramp	ON	Anderson St On-Ramp	2668189	0.10	657	10	667	30	30	68	1	69
129	2012	EXT	EB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	1238	93	1331	33	33	364	27	391
130	2012	EXT	EB	NT	Ramp	ON	Mountain View Ave On-Ramp	95938	0.37	1720	55	1775	29	29	638	20	658
131	2012	EXT	EB	NT	Ramp	OFF	California St Off-Ramp	94801	0.46	876	118	995	34	34	399	54	453
132	2012	EXT	EB	NT	Ramp	ON	California St On-Ramp	95942	0.39	623	21	643	30	30	241	8	249
133	2012	EXT	EB	NT	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	1682	126	1808	32	32	729	55	784
134	2012	EXT	EB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2245	122	2367	30	30	1857	101	1958
135	2012	EXT	EB	NT	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	1715	113	1828	32	32	588	39	627
136	2012	EXT	EB	NT	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	892	24	916	19	19	95	2	97
137	2012	EXT	EB	NT	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	3350	363	3712	30	30	3555	385	3940
138	2012	EXT	EB	NT	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2569	120	2688	25	25	229	11	239
139	2012	EXT	EB	NT	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	878	23	901	20	20	260	7	267
140	2012	EXT	EB	NT	Ramp	OFF	University St Off-Ramp	94695	0.28	2805	67	2872	29	29	784	19	803
141	2012	EXT	EB	NT	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	844	9	853	30	30	255	3	258
142	2012	EXT	EB	NT	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1383	31	1414	35	35	380	9	389
143	2012	EXT	EB	NT	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	391	7	398	30	30	147	3	150
144	2012	EXT	EB	NT	HOV		LA County Line to Monte Vista	2664669	0.26	6141		6141	57	50	10693		10693
145	2012	EXT	EB	NT	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	6141		6141	57	50	10693		10693

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
146	2012	EXT	EB	NT	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	6141		6141	57	50	10693		10693
147	2012	EXT	EB	NT	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	6141		6141	57	50	10693		10693
148	2012	EXT	EB	NT	HOV		Central Ave On-Ramp to Moun	2664669	0.21	6141		6141	57	50	10693		10693
149	2012	EXT	EB	NT	HOV		Mountain Ave Off-Ramp to Mc	2665616	0.64	6991		6991	56	50	15909		15909
150	2012	EXT	EB	NT	HOV		Mountain Ave On-Ramp to Euc	2665616	0.48	6991		6991	56	50	15909		15909
151	2012	EXT	EB	NT	HOV		Euclid Ave Off-Ramp to Euclid /	2665616	0.65	6991		6991	56	50	15909		15909
152	2012	EXT	EB	NT	HOV		Euclid Ave On-Ramp to San Be	2665616	0.51	6991		6991	56	50	15909		15909
153	2012	EXT	EB	NT	HOV		San Bernardino Ave/4th St Off-	2665612	0.57	8065		8065	54	50	9258		9258
154	2012	EXT	EB	NT	HOV		San Bernardino Ave/4th St On-	2665612	0.33	8065		8065	54	50	9258		9258
155	2012	EXT	EB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	8065		8065	54	50	9258		9258
156	2012	EXT	EB	NT	HOV		Vineyard Ave On-Ramp to Arch	2672085	0.19	8523		8523	58	50	7834		7834
157	2012	EXT	EB	NT	HOV		Archibald Ave Off-Ramp to Hol	2672085	0.34	8523		8523	58	50	7834		7834
158	2012	EXT	EB	NT	HOV		Holt Blvd On-Ramp to Archibal	91044	0.39	8523		8523	52	50	4846		4846
159	2012	EXT	EB	NT	HOV		Archibald Ave On-Ramp to Hav	2665602	0.22	11053		11053	47	47	4602		4602
160	2012	EXT	EB	NT	HOV		Haven Ave Off-Ramp to Haven	2665602	0.42	11053		11053	47	47	4602		4602
161	2012	EXT	EB	NT	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2012	EXT	EB	NT	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2012	EXT	EB	NT	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2012	EXT	EB	NT	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2012	EXT	EB	NT	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2012	EXT	EB	NT	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2012	EXT	EB	NT	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2012	EXT	EB	NT	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2012	EXT	EB	NT	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2012	EXT	EB	NT	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2012	EXT	EB	NT	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2012	EXT	EB	NT	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citr							50			
173	2012	EXT	EB	NT	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2012	EXT	EB	NT	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2012	EXT	EB	NT	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2012	EXT	EB	NT	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2012	EXT	EB	NT	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2012	EXT	EB	NT	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2012	EXT	EB	NT	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2012	EXT	EB	NT	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2012	EXT	EB	NT	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2012	EXT	EB	NT	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2012	EXT	EB	NT	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2012	EXT	EB	NT	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2012	EXT	EB	NT	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2012	EXT	EB	NT	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2012	EXT	EB	NT	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2012	EXT	EB	NT	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2012	EXT	EB	NT	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9tl							50			
190	2012	EXT	EB	NT	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2012	EXT	EB	NT	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2012	EXT	EB	NT	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2012	EXT	EB	NT	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2012	EXT	EB	NT	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
195	2012	EXT	EB	NT	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2012	EXT	EB	NT	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Rar							50			
197	2012	EXT	EB	NT	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2012	EXT	EB	NT	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2012	EXT	EB	NT	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2012	EXT	EB	NT	HOV		Anderson St On-Ramp to Mountain View Ave Off-F							50			
201	2012	EXT	EB	NT	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2012	EXT	EB	NT	HOV		Mountain View Ave On-Ramp to California St Off-F							50			
203	2012	EXT	EB	NT	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2012	EXT	EB	NT	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2012	EXT	EB	NT	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2012	EXT	EB	NT	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2012	EXT	EB	NT	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2012	EXT	EB	NT	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2012	EXT	EB	NT	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2012	EXT	EB	NT	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2012	EXT	EB	NT	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2012	EXT	EB	NT	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2012	EXT	EB	NT	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2012	EXT	EB	NT	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2012	EXT	EB	NT	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
216	2012	EXT	WB	AM	Mainline		Wabash Ave Off-Ramp to Redl	23823	0.81	17719	1212	18931	39	39	14388	984	15372
217	2012	EXT	WB	AM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	16609	1205	17814	47	47	12975	941	13917
218	2012	EXT	WB	AM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	18827	1224	20052	58	50	9382	610	9992
219	2012	EXT	WB	AM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	18433	1222	19655	54	50	13808	915	14723
220	2012	EXT	WB	AM	Mainline		University St On-Ramp to 6th S	23726	0.38	21864	1256	23120	52	50	8296	476	8772
221	2012	EXT	WB	AM	Mainline		6th St Off-Ramp to Orange St L	23699	0.42	20597	1240	21837	54	50	8692	523	9215
222	2012	EXT	WB	AM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	22114	1265	23379	57	50	8284	474	8757
223	2012	EXT	WB	AM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	23355	1291	24645	56	50	4028	223	4250
224	2012	EXT	WB	AM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	19203	802	20004	56	50	5118	214	5332
225	2012	EXT	WB	AM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	18685	797	19482	57	50	3260	139	3400
226	2012	EXT	WB	AM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	18155	791	18945	60	50	14213	619	14832
227	2012	EXT	WB	AM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	21059	814	21874	61	50	5498	213	5710
228	2012	EXT	WB	AM	Mainline		Alabama St On-Ramp to Califo	24057	0.12	24120	893	25013	59	50	2934	109	3043
229	2012	EXT	WB	AM	Mainline		California St Off-Ramp to Califo	24044	0.86	23127	883	24010	55	50	19934	761	20695
230	2012	EXT	WB	AM	Mainline		California St On-Ramp to Mour	24077	0.19	23945	932	24877	54	50	4608	179	4787
231	2012	EXT	WB	AM	Mainline		Mountain View Ave Off-Ramp	24041	0.83	22351	918	23269	56	50	18522	761	19283
232	2012	EXT	WB	AM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	24010	963	24973	54	50	4963	199	5162
233	2012	EXT	WB	AM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	22292	951	23243	50	50	16887	721	17608
234	2012	EXT	WB	AM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	23480	983	24463	55	50	2618	110	2728
235	2012	EXT	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	21934	965	22899	50	50	10437	459	10896
236	2012	EXT	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	22597	1018	23615	55	50	6368	287	6654
237	2012	EXT	WB	AM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	14275	742	15017	59	50	10029	521	10550
238	2012	EXT	WB	AM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	15254	765	16020	59	50	3192	160	3352
239	2012	EXT	WB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	15757	771	16529	58	50	2883	141	3024
240	2012	EXT	WB	AM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	18424	843	19267	59	50	3413	156	3569
241	2012	EXT	WB	AM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	17712	833	18545	58	50	12866	605	13471
242	2012	EXT	WB	AM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	18644	861	19506	60	50	864	40	904
243	2012	EXT	WB	AM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	17482	850	18332	58	50	10830	527	11357

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
244	2012	EXT	WB	AM	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	18234	878	19112	57	50	1606	77	1684
245	2012	EXT	WB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	17468	861	18329	58	50	10204	503	10707
246	2012	EXT	WB	AM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	18520	959	19479	57	50	7716	400	8116
247	2012	EXT	WB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	17597	945	18542	58	50	10464	562	11027
248	2012	EXT	WB	AM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	19075	969	20044	56	50	3248	165	3413
249	2012	EXT	WB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	17516	940	18456	60	50	10338	555	10892
250	2012	EXT	WB	AM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	19815	1003	20818	55	50	16895	856	17750
251	2012	EXT	WB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	18551	970	19521	57	50	13478	705	14183
252	2012	EXT	WB	AM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	20263	1007	21270	55	50	10616	527	11143
253	2012	EXT	WB	AM	Mainline		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
254	2012	EXT	WB	AM	Mainline		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
255	2012	EXT	WB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	18468	988	19456	57	50	12741	682	13423
256	2012	EXT	WB	AM	Mainline		Sierra Ave On-Ramp to Citrus A	24607	0.39	21131	1070	22201	58	50	8234	417	8651
257	2012	EXT	WB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	19732	1032	20764	55	50	10636	556	11192
258	2012	EXT	WB	AM	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	22087	1074	23161	56	50	9237	449	9686
259	2012	EXT	WB	AM	Mainline		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
260	2012	EXT	WB	AM	Mainline		Beach Ave On-Ramp to Cherry Off-Ramp							50			
261	2012	EXT	WB	AM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	20249	1023	21272	58	50	11146	563	11709
262	2012	EXT	WB	AM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	22950	1181	24130	55	50	29099	1497	30596
263	2012	EXT	WB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	21635	1139	22774	57	50	14692	773	15465
264	2012	EXT	WB	AM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	22670	1260	23931	48	48	5901	328	6229
265	2012	EXT	WB	AM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	22763	1275	24038	55	50	3029	170	3199
266	2012	EXT	WB	AM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	1.04	18683	1143	19826	55	50	19498	1193	20691
267	2012	EXT	WB	AM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	24725	1441	26166	52	50	3288	192	3479
268	2012	EXT	WB	AM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	28027	1688	29715	53	50	579	35	614
269	2012	EXT	WB	AM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	25891	1639	27529	49	49	15026	951	15977
270	2012	EXT	WB	AM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	26760	1756	28517	47	47	6680	438	7119
271	2012	EXT	WB	AM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	17977	1710	19687	55	50	7393	703	8097
272	2012	EXT	WB	AM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	18440	1773	20213	54	50	5324	512	5836
273	2012	EXT	WB	AM	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	19327	1824	21151	57	50	5283	499	5781
274	2012	EXT	WB	AM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	18540	1808	20348	58	50	6016	587	6603
275	2012	EXT	WB	AM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	15848	1684	17532	61	50	9915	1054	10968
276	2012	EXT	WB	AM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	16998	1769	18766	62	50	2601	271	2871
277	2012	EXT	WB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	16132	1740	17872	61	50	5833	629	6462
278	2012	EXT	WB	AM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	16541	1875	18416	57	50	3148	357	3505
279	2012	EXT	WB	AM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	17518	1890	19408	57	50	6375	688	7062
280	2012	EXT	WB	AM	Mainline		4th St Off-Ramp to 4th St On-R	23532	0.53	16293	1865	18157	58	50	8711	997	9708
281	2012	EXT	WB	AM	Mainline		4th St On-Ramp to 7th St Off-R	23470	0.65	18234	1924	20157	56	50	11808	1246	13053
282	2012	EXT	WB	AM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	16939	1891	18830	57	50	6749	753	7502
283	2012	EXT	WB	AM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	18880	1923	20803	55	50	6780	691	7471
284	2012	EXT	WB	AM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	20859	1951	22810	52	50	8822	825	9647
285	2012	EXT	WB	AM	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.66	19169	1896	21066	55	50	12722	1259	13981
286	2012	EXT	WB	AM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	21310	1930	23239	51	50	5847	530	6377
287	2012	EXT	WB	AM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	19012	1892	20904	55	50	10009	996	11005
288	2012	EXT	WB	AM	Mainline		Central Ave On-Ramp to Monte	23492	0.05	21376	1929	23305	57	50	1079	97	1176
289	2012	EXT	WB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	20599	1889	22488	52	50	11535	1058	12593
290	2012	EXT	WB	AM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1111	7	1118	34	34	597	4	601
291	2012	EXT	WB	AM	Ramp	ON	Ford St On-Ramp	94684	0.23	2219	19	2238	28	28	501	4	505
292	2012	EXT	WB	AM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	394	3	397	35	35	109	1	110

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
293	2012	EXT	WB	AM	Ramp	ON	University St On-Ramp	94674	0.21	3431	34	3465	14	14	725	7	732
294	2012	EXT	WB	AM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1268	16	1283	28	28	336	4	340
295	2012	EXT	WB	AM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	1517	25	1542	15	15	293	5	297
296	2012	EXT	WB	AM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1240	26	1266	16	16	195	4	199
297	2012	EXT	WB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	4152	489	4641	27	27	3590	423	4012
298	2012	EXT	WB	AM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	518	4	522	27	27	35	0	35
299	2012	EXT	WB	AM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	530	7	537	32	32	192	2	194
300	2012	EXT	WB	AM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	2905	24	2929	29	29	2897	24	2921
301	2012	EXT	WB	AM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	3060	78	3139	21	21	366	9	375
302	2012	EXT	WB	AM	Ramp	OFF	California St Off-Ramp	94793	0.13	993	10	1003	29	29	128	1	130
303	2012	EXT	WB	AM	Ramp	ON	California St On-Ramp	2676730	0.11	818	49	867	28	28	94	6	99
304	2012	EXT	WB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.35	1594	14	1608	24	24	550	5	555
305	2012	EXT	WB	AM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	1659	45	1704	26	26	226	6	233
306	2012	EXT	WB	AM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1718	12	1730	23	23	373	3	376
307	2012	EXT	WB	AM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	1189	31	1220	15	15	147	4	151
308	2012	EXT	WB	AM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1547	18	1564	16	16	377	4	382
309	2012	EXT	WB	AM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	663	53	716	18	18	87	7	94
310	2012	EXT	WB	AM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	8322	276	8598	32	32	1461	48	1509
311	2012	EXT	WB	AM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	979	24	1003	16	16	323	8	331
312	2012	EXT	WB	AM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	503	6	509	24	24	267	3	270
313	2012	EXT	WB	AM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	2667	72	2738	33	33	1143	31	1174
314	2012	EXT	WB	AM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	712	10	722	26	26	172	2	174
315	2012	EXT	WB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	932	29	961	17	17	245	8	253
316	2012	EXT	WB	AM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1163	11	1174	22	22	248	2	250
317	2012	EXT	WB	AM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	752	28	780	18	18	235	9	244
318	2012	EXT	WB	AM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	766	17	782	25	25	205	4	210
319	2012	EXT	WB	AM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1052	98	1150	16	16	335	31	366
320	2012	EXT	WB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	923	14	937	24	24	166	2	168
321	2012	EXT	WB	AM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1479	23	1502	15	15	501	8	509
322	2012	EXT	WB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	1560	28	1588	18	18	166	3	169
323	2012	EXT	WB	AM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2299	63	2362	24	24	718	20	738
324	2012	EXT	WB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1263	34	1297	21	21	165	4	170
325	2012	EXT	WB	AM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	1711	37	1748	13	13	704	15	719
326	2012	EXT	WB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2012	EXT	WB	AM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2012	EXT	WB	AM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	1795	19	1814	27	27	208	2	210
329	2012	EXT	WB	AM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2663	82	2745	16	16	652	20	672
330	2012	EXT	WB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1399	38	1437	20	20	151	4	155
331	2012	EXT	WB	AM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	2355	42	2397	24	24	704	13	717
332	2012	EXT	WB	AM	Ramp	OFF	Beach Ave Off-Ramp							50			
333	2012	EXT	WB	AM	Ramp	ON	Beach Ave On-Ramp							50			
334	2012	EXT	WB	AM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	1838	51	1889	20	20	238	7	245
335	2012	EXT	WB	AM	Ramp	ON	Cherry On-Ramp	95966	0.28	2701	158	2859	22	22	756	44	800
336	2012	EXT	WB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1314	42	1356	26	26	666	21	687
337	2012	EXT	WB	AM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1035	121	1156	30	30	199	23	222
338	2012	EXT	WB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	92	15	107	20	20	34	5	39
339	2012	EXT	WB	AM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	4080	132	4212	44	44	1149	37	1186
340	2012	EXT	WB	AM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6043	298	6340	27	27	3802	187	3990
341	2012	EXT	WB	AM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	3302	247	3549	19	19	3310	248	3558

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
342	2012	EXT	WB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	2136	50	2186	25	25	430	10	440
343	2012	EXT	WB	AM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	870	118	987	16	16	154	21	174
344	2012	EXT	WB	AM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	3115	46	3161	21	21	545	8	553
345	2012	EXT	WB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	463	63	526	18	18	44	6	50
346	2012	EXT	WB	AM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	904	51	955	16	16	175	10	185
347	2012	EXT	WB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1886	17	1903	12	12	342	3	345
348	2012	EXT	WB	AM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.75	2693	123	2816	30	30	2008	92	2100
349	2012	EXT	WB	AM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	1150	84	1234	27	27	211	15	226
350	2012	EXT	WB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	866	29	895	30	30	278	9	288
351	2012	EXT	WB	AM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	471	135	606	18	18	75	22	97
352	2012	EXT	WB	AM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	977	16	993	17	17	199	3	202
353	2012	EXT	WB	AM	Ramp	OFF	4th St Off-Ramp/Grove Ave	94650	0.07	1225	25	1251	22	22	90	2	92
354	2012	EXT	WB	AM	Ramp	ON	4th St On-Ramp	2668746	0.12	1941	59	2000	11	11	225	7	232
355	2012	EXT	WB	AM	Ramp	OFF	7th St Off-Ramp	94628	0.20	1025	33	1058	23	23	208	7	215
356	2012	EXT	WB	AM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1941	32	1973	12	12	463	8	470
357	2012	EXT	WB	AM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	1978	28	2006	11	11	748	11	758
358	2012	EXT	WB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	1689	55	1744	17	17	235	8	243
359	2012	EXT	WB	AM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2140	33	2174	10	10	435	7	442
360	2012	EXT	WB	AM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	1887	38	1925	14	14	252	5	257
361	2012	EXT	WB	AM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2364	37	2401	8	8	286	4	291
362	2012	EXT	WB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	777	40	817	25	25	176	9	185
363	2012	EXT	WB	AM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1770	34	1804	13	13	585	11	596
364	2012	EXT	WB	AM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2012	EXT	WB	AM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2012	EXT	WB	AM	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2012	EXT	WB	AM	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2012	EXT	WB	AM	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2012	EXT	WB	AM	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2012	EXT	WB	AM	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2012	EXT	WB	AM	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2012	EXT	WB	AM	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2012	EXT	WB	AM	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2012	EXT	WB	AM	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2012	EXT	WB	AM	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2012	EXT	WB	AM	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2012	EXT	WB	AM	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2012	EXT	WB	AM	HOV		California St On-Ramp to Mountain View Ave Off-I							50			
379	2012	EXT	WB	AM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2012	EXT	WB	AM	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2012	EXT	WB	AM	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-I							50			
382	2012	EXT	WB	AM	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2012	EXT	WB	AM	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2012	EXT	WB	AM	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2012	EXT	WB	AM	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2012	EXT	WB	AM	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2012	EXT	WB	AM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2012	EXT	WB	AM	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2012	EXT	WB	AM	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2012	EXT	WB	AM	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
391	2012	EXT	WB	AM	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2012	EXT	WB	AM	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2012	EXT	WB	AM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2012	EXT	WB	AM	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2012	EXT	WB	AM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2012	EXT	WB	AM	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2012	EXT	WB	AM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2012	EXT	WB	AM	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2012	EXT	WB	AM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2012	EXT	WB	AM	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2012	EXT	WB	AM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2012	EXT	WB	AM	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2012	EXT	WB	AM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2012	EXT	WB	AM	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2012	EXT	WB	AM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2012	EXT	WB	AM	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2012	EXT	WB	AM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2012	EXT	WB	AM	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2012	EXT	WB	AM	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2012	EXT	WB	AM	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2012	EXT	WB	AM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2012	EXT	WB	AM	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2012	EXT	WB	AM	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2012	EXT	WB	AM	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2012	EXT	WB	AM	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2012	EXT	WB	AM	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2012	EXT	WB	AM	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2012	EXT	WB	AM	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2012	EXT	WB	AM	HOV		Haven Ave Off-Ramp to Haven	2661723	0.41	5668		5668	28	28	2331		2331
420	2012	EXT	WB	AM	HOV		Haven Ave Loop On-Ramp to H	2661723	0.29	5668		5668	28	28	1636		1636
421	2012	EXT	WB	AM	HOV		Haven Ave On-Ramp to Archib	91013	0.27	5685		5685	28	28	1554		1554
422	2012	EXT	WB	AM	HOV		Archibald Ave Off-Ramp to Hol	2665604	0.32	4586		4586	48	48	1488		1488
423	2012	EXT	WB	AM	HOV		Holt Blvd Off-Ramp to Archibal	2665604	0.63	4586		4586	48	48	2869		2869
424	2012	EXT	WB	AM	HOV		Archibald Ave On-Ramp to Vine	2665604	0.15	4586		4586	48	48	702		702
425	2012	EXT	WB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2665604	0.36	4586		4586	48	48	1658		1658
426	2012	EXT	WB	AM	HOV		Vineyard Ave Loop On-Ramp to	2672083	0.19	4648		4648	40	40	884		884
427	2012	EXT	WB	AM	HOV		Vineyard Ave On-Ramp to 4th	2672083	0.36	4648		4648	40	40	1691		1691
428	2012	EXT	WB	AM	HOV		4th St Off-Ramp to 4th St On-R	2665610	0.53	4648		4648	40	40	2485		2485
429	2012	EXT	WB	AM	HOV		4th St On-Ramp to 7th St Off-R	2665610	0.65	4648		4648	40	40	3010		3010
430	2012	EXT	WB	AM	HOV		7th St Off-Ramp to Euclid Ave l	2665614	0.40	4917		4917	38	38	1959		1959
431	2012	EXT	WB	AM	HOV		Euclid Ave Loop On-Ramp to E	2665614	0.36	4917		4917	38	38	1766		1766
432	2012	EXT	WB	AM	HOV		Euclid Ave On-Ramp to Mount	2665614	0.42	4917		4917	38	38	2079		2079
433	2012	EXT	WB	AM	HOV		Mountain Ave Off-Ramp to Mc	2665614	0.66	4917		4917	38	38	3263		3263
434	2012	EXT	WB	AM	HOV		Mountain Ave On-Ramp to Cer	2665614	0.27	4917		4917	38	38	1349		1349
435	2012	EXT	WB	AM	HOV		Central Ave Off-Ramp to Centr	2665618	0.53	5327		5327	34	34	2804		2804
436	2012	EXT	WB	AM	HOV		Central Ave On-Ramp to Mont	2665618	0.05	5327		5327	34	34	269		269
437	2012	EXT	WB	AM	HOV		Monte Vista Ave Off-Ramp to M	2665618	0.56	5327		5327	34	34	2983		2983
216	2012	EXT	WB	MD	Mainline		Wabash Ave Off-Ramp to Redl	23823	0.81	23325	2184	25509	58	50	18940	1774	20713
217	2012	EXT	WB	MD	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	22048	2167	24214	59	50	17224	1693	18917

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
218	2012	EXT	WB	MD	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	24555	2217	26772	62	50	12236	1105	13341
219	2012	EXT	WB	MD	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	23876	2209	26085	60	50	17885	1654	19539
220	2012	EXT	WB	MD	Mainline		University St On-Ramp to 6th S	23726	0.38	28895	2332	31226	60	50	10963	885	11848
221	2012	EXT	WB	MD	Mainline		6th St Off-Ramp to Orange St L	23699	0.42	27042	2290	29332	60	50	11412	966	12378
222	2012	EXT	WB	MD	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	30716	2352	33068	61	50	11506	881	12387
223	2012	EXT	WB	MD	Mainline		Orange St On-Ramp to SR-210	24215	0.17	32276	2419	34695	61	50	5566	417	5983
224	2012	EXT	WB	MD	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	25605	1412	27018	61	50	6824	376	7201
225	2012	EXT	WB	MD	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	24749	1401	26150	61	50	4319	244	4563
226	2012	EXT	WB	MD	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	24033	1387	25420	63	50	18815	1086	19901
227	2012	EXT	WB	MD	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	27146	1452	28598	63	50	7086	379	7465
228	2012	EXT	WB	MD	Mainline		Alabama St On-Ramp to Califo	24057	0.12	32861	1655	34515	63	50	3998	201	4199
229	2012	EXT	WB	MD	Mainline		California St Off-Ramp to Califo	24044	0.86	31814	1629	33443	61	50	27422	1405	28827
230	2012	EXT	WB	MD	Mainline		California St On-Ramp to Mour	24077	0.19	34218	1758	35976	61	50	6585	338	6923
231	2012	EXT	WB	MD	Mainline		Mountain View Ave Off-Ramp t	24041	0.83	32123	1716	33839	61	50	26620	1422	28042
232	2012	EXT	WB	MD	Mainline		Mountain View Ave On-Ramp t	23990	0.21	34806	1839	36645	61	50	7195	380	7575
233	2012	EXT	WB	MD	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	32914	1809	34723	58	50	24933	1371	26304
234	2012	EXT	WB	MD	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	35900	1906	37806	59	50	4003	213	4216
235	2012	EXT	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	33671	1850	35521	57	50	16022	880	16902
236	2012	EXT	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	36014	1973	37987	59	50	10148	556	10704
237	2012	EXT	WB	MD	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	22348	1037	23386	61	50	15701	729	16430
238	2012	EXT	WB	MD	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	24386	1098	25484	61	50	5103	230	5333
239	2012	EXT	WB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	25219	1118	26338	61	50	4614	205	4818
240	2012	EXT	WB	MD	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	30465	1302	31767	61	50	5644	241	5885
241	2012	EXT	WB	MD	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	29467	1278	30745	60	50	21405	928	22333
242	2012	EXT	WB	MD	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	31226	1348	32573	61	50	1447	62	1509
243	2012	EXT	WB	MD	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	29504	1314	30817	60	50	18277	814	19091
244	2012	EXT	WB	MD	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	31031	1381	32412	60	50	2734	122	2855
245	2012	EXT	WB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	30001	1351	31352	60	50	17526	789	18315
246	2012	EXT	WB	MD	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	31547	1691	33238	59	50	13144	705	13849
247	2012	EXT	WB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	29452	1659	31110	60	50	17514	986	18500
248	2012	EXT	WB	MD	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	31474	1806	33280	59	50	5359	307	5666
249	2012	EXT	WB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	28579	1721	30300	62	50	16867	1016	17883
250	2012	EXT	WB	MD	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	32122	1878	34000	59	50	27389	1601	28990
251	2012	EXT	WB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	29299	1795	31094	60	50	21287	1304	22591
252	2012	EXT	WB	MD	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	31721	1921	33641	59	50	16618	1006	17625
253	2012	EXT	WB	MD	Mainline		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
254	2012	EXT	WB	MD	Mainline		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
255	2012	EXT	WB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	28442	1871	30313	60	50	19623	1291	20914
256	2012	EXT	WB	MD	Mainline		Sierra Ave On-Ramp to Citrus A	24607	0.39	32644	2107	34750	61	50	12721	821	13542
257	2012	EXT	WB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	30256	2007	32263	59	50	16309	1082	17391
258	2012	EXT	WB	MD	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	33691	2145	35836	61	50	14090	897	14987
259	2012	EXT	WB	MD	Mainline		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
260	2012	EXT	WB	MD	Mainline		Beach Ave On-Ramp to Cherry Off-Ramp							50			
261	2012	EXT	WB	MD	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	30850	2007	32857	61	50	16981	1105	18086
262	2012	EXT	WB	MD	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	34931	2440	37371	60	50	44291	3094	47385
263	2012	EXT	WB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	32670	2331	35001	61	50	22185	1583	23768
264	2012	EXT	WB	MD	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	34407	2674	37081	56	50	8956	696	9652
265	2012	EXT	WB	MD	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	34542	2714	37256	59	50	4597	361	4958
266	2012	EXT	WB	MD	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	1.04	27554	2329	29883	59	50	28756	2431	31187

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
267	2012	EXT	WB	MD	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	35276	2848	38124	59	50	4691	379	5069
268	2012	EXT	WB	MD	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	39185	3368	42554	60	50	809	70	879
269	2012	EXT	WB	MD	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	35891	3237	39128	59	50	20831	1879	22709
270	2012	EXT	WB	MD	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	38942	3503	42446	57	50	9721	875	10596
271	2012	EXT	WB	MD	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	20037	3394	23432	61	50	8240	1396	9636
272	2012	EXT	WB	MD	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	20913	3552	24465	61	50	6038	1025	7063
273	2012	EXT	WB	MD	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	22423	3680	26104	62	50	6129	1006	7135
274	2012	EXT	WB	MD	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	21416	3602	25017	62	50	6949	1169	8118
275	2012	EXT	WB	MD	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	17739	3272	21011	63	50	11098	2047	13145
276	2012	EXT	WB	MD	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	19689	3522	23211	64	50	3013	539	3551
277	2012	EXT	WB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	18011	3435	21447	63	50	6512	1242	7755
278	2012	EXT	WB	MD	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	19625	3839	23464	62	50	3735	731	4465
279	2012	EXT	WB	MD	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	21372	3880	25253	61	50	7777	1412	9189
280	2012	EXT	WB	MD	Mainline		4th St Off-Ramp to 4th St On-R	23532	0.53	18645	3806	22451	62	50	9969	2035	12004
281	2012	EXT	WB	MD	Mainline		4th St On-Ramp to 7th St Off-R	23470	0.65	21034	3970	25005	61	50	13621	2571	16193
282	2012	EXT	WB	MD	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	18684	3876	22560	62	50	7444	1544	8988
283	2012	EXT	WB	MD	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	20712	3959	24671	61	50	7438	1422	8860
284	2012	EXT	WB	MD	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	23413	4056	27470	61	50	9902	1716	11618
285	2012	EXT	WB	MD	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.66	20717	3905	24621	61	50	13749	2591	16340
286	2012	EXT	WB	MD	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	23802	4057	27858	61	50	6531	1113	7644
287	2012	EXT	WB	MD	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	20129	3949	24077	61	50	10597	2079	12676
288	2012	EXT	WB	MD	Mainline		Central Ave On-Ramp to Monte	23492	0.05	24352	4034	28386	62	50	1229	204	1432
289	2012	EXT	WB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	23162	3927	27089	61	50	12970	2199	15169
290	2012	EXT	WB	MD	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1277	18	1295	34	34	687	9	696
291	2012	EXT	WB	MD	Ramp	ON	Ford St On-Ramp	94684	0.23	2507	50	2558	29	29	566	11	577
292	2012	EXT	WB	MD	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	678	8	687	35	35	188	2	191
293	2012	EXT	WB	MD	Ramp	ON	University St On-Ramp	94674	0.21	5018	123	5142	17	17	1061	26	1087
294	2012	EXT	WB	MD	Ramp	OFF	6th St Off-Ramp	94690	0.26	1852	42	1895	29	29	490	11	501
295	2012	EXT	WB	MD	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3673	62	3736	13	13	708	12	720
296	2012	EXT	WB	MD	Ramp	ON	Orange St On-Ramp	2676749	0.16	1560	67	1627	18	18	245	10	255
297	2012	EXT	WB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	6671	1006	7677	28	28	5767	870	6637
298	2012	EXT	WB	MD	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	857	11	868	28	28	58	1	59
299	2012	EXT	WB	MD	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	716	14	729	33	33	259	5	264
300	2012	EXT	WB	MD	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	3113	65	3178	30	30	3105	64	3170
301	2012	EXT	WB	MD	Ramp	ON	Alabama St On-Ramp	2676731	0.12	5714	203	5917	22	22	683	24	707
302	2012	EXT	WB	MD	Ramp	OFF	California St Off-Ramp	94793	0.13	1047	25	1072	32	32	135	3	138
303	2012	EXT	WB	MD	Ramp	ON	California St On-Ramp	2676730	0.11	2404	128	2533	27	27	275	15	290
304	2012	EXT	WB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.35	2095	41	2137	29	29	724	14	738
305	2012	EXT	WB	MD	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2683	122	2805	27	27	366	17	383
306	2012	EXT	WB	MD	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1892	29	1922	30	30	411	6	417
307	2012	EXT	WB	MD	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	2986	97	3083	13	13	369	12	381
308	2012	EXT	WB	MD	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	2229	56	2284	20	20	544	14	558
309	2012	EXT	WB	MD	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	2343	123	2465	15	15	308	16	325
310	2012	EXT	WB	MD	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	13666	935	14601	36	36	2399	164	2563
311	2012	EXT	WB	MD	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2037	61	2098	16	16	672	20	692
312	2012	EXT	WB	MD	Ramp	ON	I-215 NB On-Ramp	24504	0.53	833	21	854	24	24	443	11	453
313	2012	EXT	WB	MD	Ramp	ON	I-215 SB On-Ramp	24517	0.43	5246	183	5430	33	33	2248	79	2327
314	2012	EXT	WB	MD	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	998	24	1022	27	27	241	6	247
315	2012	EXT	WB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1758	70	1828	17	17	462	18	481

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
316	2012	EXT	WB	MD	Ramp	OFF	9th St Off-Ramp	94928	0.21	1722	34	1756	25	25	367	7	375
317	2012	EXT	WB	MD	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1528	67	1595	18	18	478	21	499
318	2012	EXT	WB	MD	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1030	30	1060	27	27	276	8	284
319	2012	EXT	WB	MD	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1546	340	1886	17	17	492	108	601
320	2012	EXT	WB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2095	32	2128	23	23	376	6	382
321	2012	EXT	WB	MD	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	2023	147	2170	17	17	686	50	736
322	2012	EXT	WB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2895	85	2980	19	19	309	9	318
323	2012	EXT	WB	MD	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	3543	157	3700	26	26	1106	49	1155
324	2012	EXT	WB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	2823	84	2907	20	20	369	11	380
325	2012	EXT	WB	MD	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2421	126	2548	16	16	996	52	1048
326	2012	EXT	WB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2012	EXT	WB	MD	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2012	EXT	WB	MD	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3278	50	3328	27	27	380	6	386
329	2012	EXT	WB	MD	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	4201	236	4437	18	18	1029	58	1087
330	2012	EXT	WB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2388	100	2488	22	22	258	11	269
331	2012	EXT	WB	MD	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3436	138	3573	26	26	1027	41	1068
332	2012	EXT	WB	MD	Ramp	OFF	Beach Ave Off-Ramp							50			
333	2012	EXT	WB	MD	Ramp	ON	Beach Ave On-Ramp							50			
334	2012	EXT	WB	MD	Ramp	OFF	Cherry Off-Ramp	94837	0.13	2841	138	2979	25	25	368	18	386
335	2012	EXT	WB	MD	Ramp	ON	Cherry On-Ramp	95966	0.28	4080	434	4514	24	24	1142	121	1263
336	2012	EXT	WB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	2260	109	2370	28	28	1145	55	1200
337	2012	EXT	WB	MD	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1737	342	2079	31	31	334	66	400
338	2012	EXT	WB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	135	40	176	20	20	50	15	64
339	2012	EXT	WB	MD	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6989	385	7373	45	45	1969	108	2077
340	2012	EXT	WB	MD	Ramp	ON	I-15 SB On-Ramp	23554	0.63	7723	519	8241	31	31	4860	326	5186
341	2012	EXT	WB	MD	Ramp	ON	I-15 NB On-Ramp	23572	1.00	3909	520	4429	27	27	3919	522	4441
342	2012	EXT	WB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	3294	131	3425	26	26	663	26	689
343	2012	EXT	WB	MD	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	3051	266	3317	12	12	539	47	586
344	2012	EXT	WB	MD	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	7208	109	7317	18	18	1261	19	1280
345	2012	EXT	WB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	875	157	1033	18	18	84	15	99
346	2012	EXT	WB	MD	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1539	128	1668	17	17	299	25	324
347	2012	EXT	WB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	3740	79	3819	12	12	679	14	693
348	2012	EXT	WB	MD	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.75	3677	330	4007	32	32	2742	246	2988
349	2012	EXT	WB	MD	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	1951	250	2200	28	28	357	46	403
350	2012	EXT	WB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	1678	86	1764	30	30	540	28	567
351	2012	EXT	WB	MD	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1741	404	2145	17	17	277	64	342
352	2012	EXT	WB	MD	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1748	41	1789	18	18	356	8	364
353	2012	EXT	WB	MD	Ramp	OFF	4th St Off-Ramp/Grove Ave	94650	0.07	2727	74	2802	20	20	200	5	206
354	2012	EXT	WB	MD	Ramp	ON	4th St On-Ramp	2668746	0.12	2389	164	2554	16	16	277	19	296
355	2012	EXT	WB	MD	Ramp	OFF	7th St Off-Ramp	94628	0.20	1705	95	1800	24	24	346	19	365
356	2012	EXT	WB	MD	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	2028	84	2111	17	17	483	20	503
357	2012	EXT	WB	MD	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2701	97	2798	15	15	1021	37	1057
358	2012	EXT	WB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2697	152	2849	20	20	375	21	396
359	2012	EXT	WB	MD	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	3085	152	3237	14	14	627	31	658
360	2012	EXT	WB	MD	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2917	108	3025	19	19	389	14	404
361	2012	EXT	WB	MD	Ramp	ON	Central Ave On-Ramp	2668754	0.12	4224	85	4309	10	10	511	10	521
362	2012	EXT	WB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1190	107	1297	26	26	269	24	293
363	2012	EXT	WB	MD	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2693	79	2772	15	15	889	26	915
364	2012	EXT	WB	MD	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
365	2012	EXT	WB	MD	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2012	EXT	WB	MD	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2012	EXT	WB	MD	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2012	EXT	WB	MD	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2012	EXT	WB	MD	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2012	EXT	WB	MD	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2012	EXT	WB	MD	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2012	EXT	WB	MD	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2012	EXT	WB	MD	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2012	EXT	WB	MD	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2012	EXT	WB	MD	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2012	EXT	WB	MD	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2012	EXT	WB	MD	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2012	EXT	WB	MD	HOV		California St On-Ramp to Mountain View Ave Off-I							50			
379	2012	EXT	WB	MD	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2012	EXT	WB	MD	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2012	EXT	WB	MD	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-I							50			
382	2012	EXT	WB	MD	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2012	EXT	WB	MD	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2012	EXT	WB	MD	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2012	EXT	WB	MD	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2012	EXT	WB	MD	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2012	EXT	WB	MD	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2012	EXT	WB	MD	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2012	EXT	WB	MD	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2012	EXT	WB	MD	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2012	EXT	WB	MD	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2012	EXT	WB	MD	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2012	EXT	WB	MD	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2012	EXT	WB	MD	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2012	EXT	WB	MD	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2012	EXT	WB	MD	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2012	EXT	WB	MD	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2012	EXT	WB	MD	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2012	EXT	WB	MD	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2012	EXT	WB	MD	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2012	EXT	WB	MD	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2012	EXT	WB	MD	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2012	EXT	WB	MD	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2012	EXT	WB	MD	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2012	EXT	WB	MD	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2012	EXT	WB	MD	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2012	EXT	WB	MD	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2012	EXT	WB	MD	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2012	EXT	WB	MD	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2012	EXT	WB	MD	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2012	EXT	WB	MD	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2012	EXT	WB	MD	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2012	EXT	WB	MD	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
414	2012	EXT	WB	MD	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2012	EXT	WB	MD	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2012	EXT	WB	MD	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2012	EXT	WB	MD	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2012	EXT	WB	MD	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2012	EXT	WB	MD	HOV		Haven Ave Off-Ramp to Haven	2661723	0.41	11697		11697	26	26	4810		4810
420	2012	EXT	WB	MD	HOV		Haven Ave Loop On-Ramp to H	2661723	0.29	11697		11697	26	26	3377		3377
421	2012	EXT	WB	MD	HOV		Haven Ave On-Ramp to Archib	91013	0.27	11725		11725	26	26	3205		3205
422	2012	EXT	WB	MD	HOV		Archibald Ave Off-Ramp to Hol	2665604	0.32	8993		8993	48	48	2918		2918
423	2012	EXT	WB	MD	HOV		Holt Blvd Off-Ramp to Archibal	2665604	0.63	8993		8993	48	48	5626		5626
424	2012	EXT	WB	MD	HOV		Archibald Ave On-Ramp to Vin	2665604	0.15	8993		8993	48	48	1376		1376
425	2012	EXT	WB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2665604	0.36	8993		8993	48	48	3252		3252
426	2012	EXT	WB	MD	HOV		Vineyard Ave Loop On-Ramp to	2672083	0.19	9121		9121	40	40	1736		1736
427	2012	EXT	WB	MD	HOV		Vineyard Ave On-Ramp to 4th	2672083	0.36	9121		9121	40	40	3319		3319
428	2012	EXT	WB	MD	HOV		4th St Off-Ramp to 4th St On-R	2665610	0.53	9121		9121	40	40	4877		4877
429	2012	EXT	WB	MD	HOV		4th St On-Ramp to 7th St Off-R	2665610	0.65	9121		9121	40	40	5907		5907
430	2012	EXT	WB	MD	HOV		7th St Off-Ramp to Euclid Ave	2665614	0.40	9766		9766	38	38	3891		3891
431	2012	EXT	WB	MD	HOV		Euclid Ave Loop On-Ramp to E	2665614	0.36	9766		9766	38	38	3507		3507
432	2012	EXT	WB	MD	HOV		Euclid Ave On-Ramp to Mount	2665614	0.42	9766		9766	38	38	4131		4131
433	2012	EXT	WB	MD	HOV		Mountain Ave Off-Ramp to Mc	2665614	0.66	9766		9766	38	38	6482		6482
434	2012	EXT	WB	MD	HOV		Mountain Ave On-Ramp to Cer	2665614	0.27	9766		9766	38	38	2680		2680
435	2012	EXT	WB	MD	HOV		Central Ave Off-Ramp to Centr	2665618	0.53	10522		10522	35	35	5540		5540
436	2012	EXT	WB	MD	HOV		Central Ave On-Ramp to Mont	2665618	0.05	10522		10522	35	35	531		531
437	2012	EXT	WB	MD	HOV		Monte Vista Ave Off-Ramp to M	2665618	0.56	10522		10522	35	35	5892		5892
216	2012	EXT	WB	PM	Mainline		Wabash Ave Off-Ramp to Redl	23823	0.81	16531	1359	17890	57	50	13423	1103	14527
217	2012	EXT	WB	PM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	15511	1348	16859	59	50	12118	1053	13171
218	2012	EXT	WB	PM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	17259	1377	18637	62	50	8601	686	9287
219	2012	EXT	WB	PM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	16780	1373	18153	60	50	12570	1028	13598
220	2012	EXT	WB	PM	Mainline		University St On-Ramp to 6th S	23726	0.38	20663	1448	22111	59	50	7840	549	8389
221	2012	EXT	WB	PM	Mainline		6th St Off-Ramp to Orange St L	23699	0.42	19382	1422	20805	60	50	8179	600	8779
222	2012	EXT	WB	PM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	22213	1450	23663	61	50	8321	543	8864
223	2012	EXT	WB	PM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	23924	1494	25418	60	50	4126	258	4383
224	2012	EXT	WB	PM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	17110	688	17798	61	50	4560	183	4743
225	2012	EXT	WB	PM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	16653	681	17334	61	50	2906	119	3025
226	2012	EXT	WB	PM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	16292	671	16962	63	50	12754	525	13279
227	2012	EXT	WB	PM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	18809	722	19531	63	50	4910	189	5098
228	2012	EXT	WB	PM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	23812	840	24652	62	50	2897	102	2999
229	2012	EXT	WB	PM	Mainline		California St Off-Ramp to Califo	24044	0.86	23167	822	23989	61	50	19969	708	20677
230	2012	EXT	WB	PM	Mainline		California St On-Ramp to Mour	24077	0.19	25935	904	26839	59	50	4991	174	5165
231	2012	EXT	WB	PM	Mainline		Mountain View Ave Off-Ramp	24041	0.83	24405	876	25281	60	50	20224	726	20950
232	2012	EXT	WB	PM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	27017	955	27972	59	50	5585	197	5782
233	2012	EXT	WB	PM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	25962	937	26899	55	50	19667	710	20377
234	2012	EXT	WB	PM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	28847	973	29820	57	50	3217	109	3325
235	2012	EXT	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	27374	939	28313	53	50	13026	447	13472
236	2012	EXT	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	29949	1020	30969	56	50	8439	287	8727
237	2012	EXT	WB	PM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	19454	618	20071	59	50	13668	434	14102
238	2012	EXT	WB	PM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	21604	655	22259	58	50	4521	137	4658
239	2012	EXT	WB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	22315	667	22982	58	50	4082	122	4204
240	2012	EXT	WB	PM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	26901	780	27681	58	50	4983	145	5128

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
241	2012	EXT	WB	PM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	26019	765	26785	56	50	18900	556	19456
242	2012	EXT	WB	PM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	27762	813	28575	59	50	1286	38	1324
243	2012	EXT	WB	PM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	26543	793	27335	56	50	16443	491	16934
244	2012	EXT	WB	PM	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	28012	831	28843	55	50	2468	73	2541
245	2012	EXT	WB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	26831	806	27637	56	50	15674	471	16145
246	2012	EXT	WB	PM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	28280	888	29168	54	50	11783	370	12153
247	2012	EXT	WB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	26443	869	27313	56	50	15725	517	16242
248	2012	EXT	WB	PM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	27860	906	28766	55	50	4743	154	4897
249	2012	EXT	WB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	25349	860	26210	60	50	14961	508	15469
250	2012	EXT	WB	PM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	28086	945	29031	54	50	23947	806	24753
251	2012	EXT	WB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	25477	900	26377	57	50	18510	654	19164
252	2012	EXT	WB	PM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	27185	965	28150	55	50	14242	506	14748
253	2012	EXT	WB	PM	Mainline		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
254	2012	EXT	WB	PM	Mainline		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
255	2012	EXT	WB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	24607	935	25542	57	50	16977	645	17622
256	2012	EXT	WB	PM	Mainline		Sierra Ave On-Ramp to Citrus A	24607	0.39	27854	1053	28907	59	50	10854	410	11265
257	2012	EXT	WB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	25550	991	26541	56	50	13772	534	14306
258	2012	EXT	WB	PM	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	28237	1070	29307	58	50	11809	448	12256
259	2012	EXT	WB	PM	Mainline		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
260	2012	EXT	WB	PM	Mainline		Beach Ave On-Ramp to Cherry Off-Ramp							50			
261	2012	EXT	WB	PM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	25825	989	26815	59	50	14215	544	14760
262	2012	EXT	WB	PM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	29261	1227	30488	57	50	37102	1556	38658
263	2012	EXT	WB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	27827	1158	28985	58	50	18897	786	19683
264	2012	EXT	WB	PM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	30276	1370	31646	49	49	7881	357	8237
265	2012	EXT	WB	PM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	30514	1394	31909	55	50	4061	186	4246
266	2012	EXT	WB	PM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	1.04	24437	1192	25629	56	50	25503	1244	26747
267	2012	EXT	WB	PM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	29831	1396	31226	56	50	3966	186	4152
268	2012	EXT	WB	PM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	33648	1869	35517	56	50	695	39	733
269	2012	EXT	WB	PM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	31882	1782	33664	53	50	18503	1034	19538
270	2012	EXT	WB	PM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	34417	1951	36367	50	50	8591	487	9078
271	2012	EXT	WB	PM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	20310	1900	22210	58	50	8353	781	9134
272	2012	EXT	WB	PM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	21670	2008	23678	57	50	6256	580	6836
273	2012	EXT	WB	PM	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	23520	2081	25602	59	50	6429	569	6998
274	2012	EXT	WB	PM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	22641	2038	24679	59	50	7347	661	8008
275	2012	EXT	WB	PM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	20143	1831	21974	61	50	12602	1146	13748
276	2012	EXT	WB	PM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	22794	1962	24756	62	50	3488	300	3788
277	2012	EXT	WB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	20910	1915	22825	61	50	7560	693	8253
278	2012	EXT	WB	PM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	22095	2103	24199	58	50	4205	400	4605
279	2012	EXT	WB	PM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	23409	2129	25538	57	50	8518	775	9293
280	2012	EXT	WB	PM	Mainline		4th St Off-Ramp to 4th St On-R	23532	0.53	20546	2091	22638	59	50	10985	1118	12104
281	2012	EXT	WB	PM	Mainline		4th St On-Ramp to 7th St Off-R	23470	0.65	22661	2183	24845	57	50	14675	1414	16089
282	2012	EXT	WB	PM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	19971	2127	22099	59	50	7957	848	8804
283	2012	EXT	WB	PM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	21974	2182	24157	58	50	7891	784	8675
284	2012	EXT	WB	PM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	24211	2236	26447	56	50	10240	946	11185
285	2012	EXT	WB	PM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.66	21537	2156	23693	58	50	14294	1431	15724
286	2012	EXT	WB	PM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	24231	2228	26459	56	50	6649	611	7260
287	2012	EXT	WB	PM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	21794	2154	23948	58	50	11473	1134	12608
288	2012	EXT	WB	PM	Mainline		Central Ave On-Ramp to Monte	23492	0.05	24967	2203	27169	59	50	1260	111	1371
289	2012	EXT	WB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	23346	2135	25480	57	50	13073	1195	14268

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
290	2012	EXT	WB	PM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1020	11	1031	34	34	549	6	554
291	2012	EXT	WB	PM	Ramp	ON	Ford St On-Ramp	94684	0.23	1748	29	1778	29	29	395	7	401
292	2012	EXT	WB	PM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	479	5	484	35	35	133	1	134
293	2012	EXT	WB	PM	Ramp	ON	University St On-Ramp	94674	0.21	3883	75	3958	16	16	821	16	837
294	2012	EXT	WB	PM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1281	25	1306	29	29	339	7	346
295	2012	EXT	WB	PM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2831	28	2859	10	10	546	5	551
296	2012	EXT	WB	PM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1711	44	1755	16	16	268	7	275
297	2012	EXT	WB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	6814	807	7620	26	26	5891	698	6588
298	2012	EXT	WB	PM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	457	7	464	28	28	31	0	31
299	2012	EXT	WB	PM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	362	10	372	34	34	131	4	134
300	2012	EXT	WB	PM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	2517	51	2569	29	29	2511	51	2562
301	2012	EXT	WB	PM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	5003	118	5121	18	18	598	14	612
302	2012	EXT	WB	PM	Ramp	OFF	California St Off-Ramp	94793	0.13	645	19	664	33	33	83	2	86
303	2012	EXT	WB	PM	Ramp	ON	California St On-Ramp	2676730	0.11	2769	82	2851	25	25	317	9	327
304	2012	EXT	WB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.35	1530	28	1558	28	28	528	10	538
305	2012	EXT	WB	PM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2612	79	2691	25	25	356	11	367
306	2012	EXT	WB	PM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1056	18	1073	31	31	229	4	233
307	2012	EXT	WB	PM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	2886	36	2921	8	8	357	4	361
308	2012	EXT	WB	PM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1473	34	1507	21	21	360	8	368
309	2012	EXT	WB	PM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	2575	81	2656	10	10	339	11	350
310	2012	EXT	WB	PM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	10495	402	10897	33	33	1842	71	1913
311	2012	EXT	WB	PM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2150	38	2188	13	13	709	12	722
312	2012	EXT	WB	PM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	711	12	723	24	24	377	6	384
313	2012	EXT	WB	PM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4586	113	4699	32	32	1966	48	2014
314	2012	EXT	WB	PM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	882	15	897	26	26	213	4	216
315	2012	EXT	WB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1742	48	1791	16	16	458	13	471
316	2012	EXT	WB	PM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1219	21	1240	24	24	260	4	265
317	2012	EXT	WB	PM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1470	38	1508	17	17	460	12	472
318	2012	EXT	WB	PM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1181	25	1206	24	24	316	7	323
319	2012	EXT	WB	PM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1449	82	1531	16	16	462	26	488
320	2012	EXT	WB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1837	19	1856	20	20	329	3	333
321	2012	EXT	WB	PM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1417	37	1454	17	17	480	12	493
322	2012	EXT	WB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2511	46	2557	15	15	268	5	273
323	2012	EXT	WB	PM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2736	85	2821	25	25	854	26	881
324	2012	EXT	WB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	2609	45	2654	14	14	341	6	347
325	2012	EXT	WB	PM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	1708	65	1773	16	16	703	27	729
326	2012	EXT	WB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2012	EXT	WB	PM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2012	EXT	WB	PM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2578	30	2608	27	27	299	3	302
329	2012	EXT	WB	PM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	3247	118	3365	17	17	795	29	824
330	2012	EXT	WB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2304	62	2366	16	16	249	7	256
331	2012	EXT	WB	PM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	2687	79	2766	25	25	803	24	827
332	2012	EXT	WB	PM	Ramp	OFF	Beach Ave Off-Ramp							50			
333	2012	EXT	WB	PM	Ramp	ON	Beach Ave On-Ramp							50			
334	2012	EXT	WB	PM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	2411	81	2492	21	21	312	10	323
335	2012	EXT	WB	PM	Ramp	ON	Cherry On-Ramp	95966	0.28	3436	238	3674	23	23	961	66	1028
336	2012	EXT	WB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1434	69	1503	28	28	727	35	762
337	2012	EXT	WB	PM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	2449	213	2661	25	25	471	41	512
338	2012	EXT	WB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	239	24	262	19	19	87	9	96

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
339	2012	EXT	WB	PM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6077	202	6280	43	43	1712	57	1769
340	2012	EXT	WB	PM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	5394	204	5597	31	31	3394	128	3522
341	2012	EXT	WB	PM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	3817	473	4291	21	21	3827	475	4302
342	2012	EXT	WB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1766	87	1853	27	27	355	17	373
343	2012	EXT	WB	PM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2535	169	2704	10	10	448	30	478
344	2012	EXT	WB	PM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	5603	51	5654	13	13	981	9	989
345	2012	EXT	WB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	1360	108	1468	16	16	130	10	140
346	2012	EXT	WB	PM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1868	73	1942	14	14	363	14	377
347	2012	EXT	WB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	2429	44	2473	12	12	441	8	449
348	2012	EXT	WB	PM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.75	2498	206	2705	32	32	1863	154	2017
349	2012	EXT	WB	PM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	2651	131	2782	25	25	485	24	509
350	2012	EXT	WB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	1884	47	1931	25	25	606	15	621
351	2012	EXT	WB	PM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1228	188	1416	17	17	196	30	225
352	2012	EXT	WB	PM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1313	25	1339	17	17	267	5	272
353	2012	EXT	WB	PM	Ramp	OFF	4th St Off-Ramp/Grove Ave	94650	0.07	2862	38	2900	11	11	210	3	213
354	2012	EXT	WB	PM	Ramp	ON	4th St On-Ramp	2668746	0.12	2115	92	2207	14	14	245	11	256
355	2012	EXT	WB	PM	Ramp	OFF	7th St Off-Ramp	94628	0.20	2241	56	2297	17	17	455	11	466
356	2012	EXT	WB	PM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	2003	55	2058	15	15	477	13	490
357	2012	EXT	WB	PM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2237	54	2290	14	14	845	20	865
358	2012	EXT	WB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2674	81	2754	13	13	372	11	383
359	2012	EXT	WB	PM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2694	72	2766	11	11	547	15	562
360	2012	EXT	WB	PM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2222	74	2296	17	17	296	10	306
361	2012	EXT	WB	PM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	3173	48	3221	8	8	384	6	390
362	2012	EXT	WB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1621	68	1689	21	21	367	15	382
363	2012	EXT	WB	PM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2375	50	2425	13	13	784	17	801
364	2012	EXT	WB	PM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2012	EXT	WB	PM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2012	EXT	WB	PM	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2012	EXT	WB	PM	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2012	EXT	WB	PM	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2012	EXT	WB	PM	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2012	EXT	WB	PM	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2012	EXT	WB	PM	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2012	EXT	WB	PM	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2012	EXT	WB	PM	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2012	EXT	WB	PM	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2012	EXT	WB	PM	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2012	EXT	WB	PM	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2012	EXT	WB	PM	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2012	EXT	WB	PM	HOV		California St On-Ramp to Mountain View Ave Off-I							50			
379	2012	EXT	WB	PM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2012	EXT	WB	PM	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2012	EXT	WB	PM	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-I							50			
382	2012	EXT	WB	PM	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2012	EXT	WB	PM	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2012	EXT	WB	PM	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2012	EXT	WB	PM	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2012	EXT	WB	PM	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2012	EXT	WB	PM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
388	2012	EXT	WB	PM	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2012	EXT	WB	PM	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2012	EXT	WB	PM	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2012	EXT	WB	PM	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2012	EXT	WB	PM	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2012	EXT	WB	PM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2012	EXT	WB	PM	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2012	EXT	WB	PM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2012	EXT	WB	PM	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2012	EXT	WB	PM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2012	EXT	WB	PM	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2012	EXT	WB	PM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2012	EXT	WB	PM	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2012	EXT	WB	PM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2012	EXT	WB	PM	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2012	EXT	WB	PM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2012	EXT	WB	PM	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2012	EXT	WB	PM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2012	EXT	WB	PM	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2012	EXT	WB	PM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2012	EXT	WB	PM	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2012	EXT	WB	PM	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2012	EXT	WB	PM	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2012	EXT	WB	PM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2012	EXT	WB	PM	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2012	EXT	WB	PM	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2012	EXT	WB	PM	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2012	EXT	WB	PM	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2012	EXT	WB	PM	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2012	EXT	WB	PM	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2012	EXT	WB	PM	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2012	EXT	WB	PM	HOV		Haven Ave Off-Ramp to Haven	2661723	0.41	8504		8504	21	21	3497		3497
420	2012	EXT	WB	PM	HOV		Haven Ave Loop On-Ramp to H	2661723	0.29	8504		8504	21	21	2455		2455
421	2012	EXT	WB	PM	HOV		Haven Ave On-Ramp to Archib	91013	0.27	8522		8522	21	21	2329		2329
422	2012	EXT	WB	PM	HOV		Archibald Ave Off-Ramp to Hol	2665604	0.32	6971		6971	43	43	2262		2262
423	2012	EXT	WB	PM	HOV		Holt Blvd Off-Ramp to Archibal	2665604	0.63	6971		6971	43	43	4361		4361
424	2012	EXT	WB	PM	HOV		Archibald Ave On-Ramp to Vin	2665604	0.15	6971		6971	43	43	1067		1067
425	2012	EXT	WB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2665604	0.36	6971		6971	43	43	2521		2521
426	2012	EXT	WB	PM	HOV		Vineyard Ave Loop On-Ramp t	2672083	0.19	7014		7014	35	35	1335		1335
427	2012	EXT	WB	PM	HOV		Vineyard Ave On-Ramp to 4th	2672083	0.36	7014		7014	35	35	2552		2552
428	2012	EXT	WB	PM	HOV		4th St Off-Ramp to 4th St On-R	2665610	0.53	7014		7014	35	35	3750		3750
429	2012	EXT	WB	PM	HOV		4th St On-Ramp to 7th St Off-R	2665610	0.65	7014		7014	35	35	4542		4542
430	2012	EXT	WB	PM	HOV		7th St Off-Ramp to Euclid Ave	2665614	0.40	7463		7463	32	32	2973		2973
431	2012	EXT	WB	PM	HOV		Euclid Ave Loop On-Ramp to E	2665614	0.36	7463		7463	32	32	2680		2680
432	2012	EXT	WB	PM	HOV		Euclid Ave On-Ramp to Mount	2665614	0.42	7463		7463	32	32	3156		3156
433	2012	EXT	WB	PM	HOV		Mountain Ave Off-Ramp to Mc	2665614	0.66	7463		7463	32	32	4953		4953
434	2012	EXT	WB	PM	HOV		Mountain Ave On-Ramp to Cer	2665614	0.27	7463		7463	32	32	2048		2048
435	2012	EXT	WB	PM	HOV		Central Ave Off-Ramp to Centr	2665618	0.53	7677		7677	30	30	4042		4042
436	2012	EXT	WB	PM	HOV		Central Ave On-Ramp to Mont	2665618	0.05	7677		7677	30	30	387		387

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
437	2012	EXT	WB	PM	HOV		Monte Vista Ave Off-Ramp to M	2665618	0.56	7677		7677	30	30	4299		4299
216	2012	EXT	WB	NT	Mainline		Wabash Ave Off-Ramp to Redla	23823	0.81	10308	2339	12647	64	50	8370	1900	10270
217	2012	EXT	WB	NT	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	9950	2333	12283	64	50	7774	1822	9596
218	2012	EXT	WB	NT	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	11119	2366	13484	64	50	5541	1179	6720
219	2012	EXT	WB	NT	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	10493	2357	12850	64	50	7860	1766	9626
220	2012	EXT	WB	NT	Mainline		University St On-Ramp to 6th S	23726	0.38	13334	2450	15784	64	50	5059	930	5989
221	2012	EXT	WB	NT	Mainline		6th St Off-Ramp to Orange St L	23699	0.42	12529	2422	14951	64	50	5287	1022	6309
222	2012	EXT	WB	NT	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	14594	2484	17077	64	50	5467	930	6397
223	2012	EXT	WB	NT	Mainline		Orange St On-Ramp to SR-210	24215	0.17	15224	2525	17750	64	50	2625	435	3061
224	2012	EXT	WB	NT	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	12492	2419	14911	64	50	3329	645	3974
225	2012	EXT	WB	NT	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	12123	2407	14530	64	50	2115	420	2536
226	2012	EXT	WB	NT	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	11880	2396	14276	64	50	9300	1876	11176
227	2012	EXT	WB	NT	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	13452	2440	15892	65	50	3512	637	4148
228	2012	EXT	WB	NT	Mainline		Alabama St On-Ramp to Califor	24057	0.12	16856	2653	19509	64	50	2051	323	2373
229	2012	EXT	WB	NT	Mainline		California St Off-Ramp to Califo	24044	0.86	16451	2637	19088	64	50	14180	2273	16453
230	2012	EXT	WB	NT	Mainline		California St On-Ramp to Mour	24077	0.19	17648	2749	20397	64	50	3396	529	3925
231	2012	EXT	WB	NT	Mainline		Mountain View Ave Off-Ramp t	24041	0.83	16575	2712	19287	64	50	13735	2248	15983
232	2012	EXT	WB	NT	Mainline		Mountain View Ave On-Ramp t	23990	0.21	18071	2816	20887	64	50	3736	582	4318
233	2012	EXT	WB	NT	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	17306	2794	20099	63	50	13110	2116	15226
234	2012	EXT	WB	NT	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	19219	2897	22116	64	50	2143	323	2466
235	2012	EXT	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	18094	2850	20945	63	50	8610	1356	9966
236	2012	EXT	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	19341	2970	22310	64	50	5450	837	6287
237	2012	EXT	WB	NT	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	11773	2049	13822	64	50	8271	1439	9711
238	2012	EXT	WB	NT	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	12890	2103	14993	64	50	2697	440	3137
239	2012	EXT	WB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	13067	2113	15180	64	50	2390	387	2777
240	2012	EXT	WB	NT	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	15990	2301	18291	64	50	2962	426	3388
241	2012	EXT	WB	NT	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	15518	2284	17801	64	50	11272	1659	12931
242	2012	EXT	WB	NT	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	16677	2352	19029	64	50	773	109	882
243	2012	EXT	WB	NT	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	15911	2325	18236	64	50	9857	1440	11297
244	2012	EXT	WB	NT	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	16714	2389	19103	64	50	1472	210	1683
245	2012	EXT	WB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	16188	2374	18562	64	50	9456	1387	10843
246	2012	EXT	WB	NT	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	17080	2514	19594	64	50	7116	1048	8164
247	2012	EXT	WB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	15804	2488	18292	64	50	9398	1480	10878
248	2012	EXT	WB	NT	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	16979	2589	19568	64	50	2891	441	3332
249	2012	EXT	WB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	15300	2511	17812	64	50	9030	1482	10512
250	2012	EXT	WB	NT	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	17078	2662	19740	64	50	14562	2269	16831
251	2012	EXT	WB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	15317	2602	17920	64	50	11129	1891	13019
252	2012	EXT	WB	NT	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	16877	2751	19627	64	50	8842	1441	10283
253	2012	EXT	WB	NT	Mainline		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
254	2012	EXT	WB	NT	Mainline		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
255	2012	EXT	WB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	15092	2712	17804	64	50	10412	1871	12283
256	2012	EXT	WB	NT	Mainline		Sierra Ave On-Ramp to Citrus A	24607	0.39	16956	2821	19778	64	50	6608	1099	7707
257	2012	EXT	WB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	15574	2733	18308	64	50	8395	1473	9868
258	2012	EXT	WB	NT	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	17410	2881	20291	64	50	7281	1205	8486
259	2012	EXT	WB	NT	Mainline		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
260	2012	EXT	WB	NT	Mainline		Beach Ave On-Ramp to Cherry Off-Ramp							50			
261	2012	EXT	WB	NT	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	15695	2747	18441	64	50	8639	1512	10151
262	2012	EXT	WB	NT	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	18338	3168	21506	64	50	23252	4017	27269
263	2012	EXT	WB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	16973	3055	20028	64	50	11526	2074	13600

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
264	2012	EXT	WB	NT	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	17811	3295	21107	63	50	4636	858	5494
265	2012	EXT	WB	NT	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	17908	3334	21242	64	50	2383	444	2827
266	2012	EXT	WB	NT	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	1.04	14020	2909	16929	64	50	14632	3036	17668
267	2012	EXT	WB	NT	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	18775	3873	22648	64	50	2496	515	3011
268	2012	EXT	WB	NT	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	21604	4259	25863	64	50	446	88	534
269	2012	EXT	WB	NT	Mainline		Milliken Ave Off-Ramp to Milli	85493	0.58	20564	4140	24704	64	50	11935	2403	14338
270	2012	EXT	WB	NT	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	22547	4402	26949	63	50	5629	1099	6727
271	2012	EXT	WB	NT	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	12435	4265	16700	64	50	5114	1754	6868
272	2012	EXT	WB	NT	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	12883	4387	17269	64	50	3719	1266	4986
273	2012	EXT	WB	NT	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	13720	4511	18231	64	50	3750	1233	4983
274	2012	EXT	WB	NT	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	12943	4433	17376	64	50	4200	1438	5638
275	2012	EXT	WB	NT	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	11254	4158	15412	64	50	7041	2601	9642
276	2012	EXT	WB	NT	Mainline		Archibald Ave On-Ramp to Vin	23575	0.15	12537	4340	16877	65	50	1918	664	2582
277	2012	EXT	WB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	11381	4276	15658	64	50	4115	1546	5661
278	2012	EXT	WB	NT	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	11980	4481	16461	64	50	2280	853	3133
279	2012	EXT	WB	NT	Mainline		Vineyard Ave On-Ramp to 4th	23538	0.36	13162	4547	17709	64	50	4789	1654	6444
280	2012	EXT	WB	NT	Mainline		4th St Off-Ramp to 4th St On-R	23532	0.53	11393	4498	15891	64	50	6091	2405	8496
281	2012	EXT	WB	NT	Mainline		4th St On-Ramp to 7th St Off-R	23470	0.65	12422	4567	16989	64	50	8044	2957	11002
282	2012	EXT	WB	NT	Mainline		7th St Off-Ramp to Euclid Ave l	23447	0.40	11050	4499	15549	64	50	4403	1792	6195
283	2012	EXT	WB	NT	Mainline		Euclid Ave Loop On-Ramp to E	1658013	0.36	12258	4557	16816	64	50	4402	1637	6039
284	2012	EXT	WB	NT	Mainline		Euclid Ave On-Ramp to Mount	23434	0.42	14701	4649	19350	64	50	6217	1966	8184
285	2012	EXT	WB	NT	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.66	13040	4540	17579	64	50	8654	3013	11667
286	2012	EXT	WB	NT	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	15156	4644	19800	64	50	4159	1274	5433
287	2012	EXT	WB	NT	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	12331	4549	16880	64	50	6492	2395	8886
288	2012	EXT	WB	NT	Mainline		Central Ave On-Ramp to Mont	23492	0.05	14548	4660	19208	64	50	734	235	969
289	2012	EXT	WB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	13888	4590	18477	64	50	7777	2570	10347
290	2012	EXT	WB	NT	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	358	7	364	35	35	192	4	196
291	2012	EXT	WB	NT	Ramp	ON	Ford St On-Ramp	94684	0.23	1169	33	1201	30	30	264	7	271
292	2012	EXT	WB	NT	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	625	9	634	35	35	173	2	176
293	2012	EXT	WB	NT	Ramp	ON	University St On-Ramp	94674	0.21	2840	93	2934	19	19	600	20	620
294	2012	EXT	WB	NT	Ramp	OFF	6th St Off-Ramp	94690	0.26	805	28	833	30	30	213	7	221
295	2012	EXT	WB	NT	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2065	61	2126	18	18	398	12	410
296	2012	EXT	WB	NT	Ramp	ON	Orange St On-Ramp	2676749	0.16	631	42	672	20	20	99	7	106
297	2012	EXT	WB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	2732	107	2839	30	30	2362	92	2455
298	2012	EXT	WB	NT	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	369	11	380	29	29	25	1	26
299	2012	EXT	WB	NT	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	244	11	255	35	35	88	4	92
300	2012	EXT	WB	NT	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	1572	44	1616	30	30	1568	44	1612
301	2012	EXT	WB	NT	Ramp	ON	Alabama St On-Ramp	2676731	0.12	3404	213	3617	28	28	407	25	432
302	2012	EXT	WB	NT	Ramp	OFF	California St Off-Ramp	94793	0.13	404	17	421	34	34	52	2	54
303	2012	EXT	WB	NT	Ramp	ON	California St On-Ramp	2676730	0.11	1196	112	1309	29	29	137	13	150
304	2012	EXT	WB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.35	1073	37	1110	33	33	371	13	383
305	2012	EXT	WB	NT	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	1497	104	1600	29	29	204	14	218
306	2012	EXT	WB	NT	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	766	22	788	34	34	166	5	171
307	2012	EXT	WB	NT	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	1913	104	2017	18	18	236	13	249
308	2012	EXT	WB	NT	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1124	47	1171	27	27	274	11	286
309	2012	EXT	WB	NT	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	1246	119	1365	19	19	164	16	180
310	2012	EXT	WB	NT	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	7568	921	8489	46	46	1328	162	1490
311	2012	EXT	WB	NT	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1117	54	1172	19	19	369	18	387
312	2012	EXT	WB	NT	Ramp	ON	I-215 NB On-Ramp	24504	0.53	177	10	187	25	25	94	5	99

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
313	2012	EXT	WB	NT	Ramp	ON	I-215 SB On-Ramp	24517	0.43	2923	188	3110	34	34	1253	80	1333
314	2012	EXT	WB	NT	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	472	17	489	29	29	114	4	118
315	2012	EXT	WB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1159	69	1228	19	19	305	18	323
316	2012	EXT	WB	NT	Ramp	OFF	9th St Off-Ramp	94928	0.21	766	27	793	29	29	163	6	169
317	2012	EXT	WB	NT	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	803	64	868	19	19	251	20	272
318	2012	EXT	WB	NT	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	526	15	541	29	29	141	4	145
319	2012	EXT	WB	NT	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	892	141	1033	19	19	284	45	329
320	2012	EXT	WB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1276	26	1302	28	28	229	5	234
321	2012	EXT	WB	NT	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1175	101	1276	19	19	398	34	433
322	2012	EXT	WB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	1679	78	1757	27	27	179	8	187
323	2012	EXT	WB	NT	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	1778	150	1928	29	29	555	47	602
324	2012	EXT	WB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1761	59	1820	27	27	230	8	238
325	2012	EXT	WB	NT	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	1559	148	1708	19	19	641	61	702
326	2012	EXT	WB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2012	EXT	WB	NT	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2012	EXT	WB	NT	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	1785	39	1823	29	29	207	4	211
329	2012	EXT	WB	NT	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1865	109	1974	20	20	457	27	483
330	2012	EXT	WB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1382	88	1470	28	28	149	10	159
331	2012	EXT	WB	NT	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	1835	148	1983	29	29	549	44	593
332	2012	EXT	WB	NT	Ramp	OFF	Beach Ave Off-Ramp							50			
333	2012	EXT	WB	NT	Ramp	ON	Beach Ave On-Ramp							50			
334	2012	EXT	WB	NT	Ramp	OFF	Cherry Off-Ramp	94837	0.13	1715	135	1850	32	32	222	17	239
335	2012	EXT	WB	NT	Ramp	ON	Cherry On-Ramp	95966	0.28	2643	422	3065	28	28	740	118	858
336	2012	EXT	WB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1365	113	1479	33	33	692	57	749
337	2012	EXT	WB	NT	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	838	241	1079	34	34	161	46	208
338	2012	EXT	WB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	97	39	135	20	20	35	14	49
339	2012	EXT	WB	NT	Ramp	OFF	I-15 Off-Ramp	24554	0.28	3888	425	4313	48	48	1095	120	1215
340	2012	EXT	WB	NT	Ramp	ON	I-15 SB On-Ramp	23554	0.63	4755	964	5719	34	34	2992	606	3598
341	2012	EXT	WB	NT	Ramp	ON	I-15 NB On-Ramp	23572	1.00	2829	386	3215	32	32	2836	387	3223
342	2012	EXT	WB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1040	119	1158	29	29	209	24	233
343	2012	EXT	WB	NT	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	1983	262	2245	18	18	350	46	397
344	2012	EXT	WB	NT	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	1513	137	1650	29	29	265	24	289
345	2012	EXT	WB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	448	121	569	19	19	43	12	54
346	2012	EXT	WB	NT	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	987	125	1112	19	19	192	24	216
347	2012	EXT	WB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	4209	79	4287	19	19	764	14	778
348	2012	EXT	WB	NT	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.75	1689	275	1964	34	34	1260	205	1465
349	2012	EXT	WB	NT	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	1283	182	1465	29	29	235	33	268
350	2012	EXT	WB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	1156	64	1219	33	33	372	20	392
351	2012	EXT	WB	NT	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	848	205	1052	19	19	135	33	168
352	2012	EXT	WB	NT	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1182	66	1248	19	19	241	13	254
353	2012	EXT	WB	NT	Ramp	OFF	4th St Off-Ramp/Grove Ave	94650	0.07	1769	49	1818	27	27	130	4	133
354	2012	EXT	WB	NT	Ramp	ON	4th St On-Ramp	2668746	0.12	1029	69	1099	19	19	119	8	127
355	2012	EXT	WB	NT	Ramp	OFF	7th St Off-Ramp	94628	0.20	1058	68	1126	28	28	214	14	228
356	2012	EXT	WB	NT	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1208	59	1267	19	19	288	14	302
357	2012	EXT	WB	NT	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2442	92	2534	18	18	923	35	958
358	2012	EXT	WB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	1661	110	1771	27	27	231	15	246
359	2012	EXT	WB	NT	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2117	104	2220	18	18	430	21	451
360	2012	EXT	WB	NT	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	1382	95	1477	28	28	184	13	197
361	2012	EXT	WB	NT	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2217	112	2329	18	18	268	14	282

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
362	2012	EXT	WB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	660	71	731	29	29	149	16	165
363	2012	EXT	WB	NT	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1486	65	1550	19	19	491	21	512
364	2012	EXT	WB	NT	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2012	EXT	WB	NT	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2012	EXT	WB	NT	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2012	EXT	WB	NT	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2012	EXT	WB	NT	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2012	EXT	WB	NT	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2012	EXT	WB	NT	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2012	EXT	WB	NT	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2012	EXT	WB	NT	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2012	EXT	WB	NT	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2012	EXT	WB	NT	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2012	EXT	WB	NT	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2012	EXT	WB	NT	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2012	EXT	WB	NT	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2012	EXT	WB	NT	HOV		California St On-Ramp to Mountain View Ave Off-I							50			
379	2012	EXT	WB	NT	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2012	EXT	WB	NT	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2012	EXT	WB	NT	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-I							50			
382	2012	EXT	WB	NT	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2012	EXT	WB	NT	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2012	EXT	WB	NT	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2012	EXT	WB	NT	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2012	EXT	WB	NT	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2012	EXT	WB	NT	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2012	EXT	WB	NT	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2012	EXT	WB	NT	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2012	EXT	WB	NT	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2012	EXT	WB	NT	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2012	EXT	WB	NT	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2012	EXT	WB	NT	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2012	EXT	WB	NT	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2012	EXT	WB	NT	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2012	EXT	WB	NT	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2012	EXT	WB	NT	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2012	EXT	WB	NT	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2012	EXT	WB	NT	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2012	EXT	WB	NT	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2012	EXT	WB	NT	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2012	EXT	WB	NT	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2012	EXT	WB	NT	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2012	EXT	WB	NT	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2012	EXT	WB	NT	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2012	EXT	WB	NT	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2012	EXT	WB	NT	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2012	EXT	WB	NT	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2012	EXT	WB	NT	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2012	EXT	WB	NT	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
411	2012	EXT	WB	NT	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2012	EXT	WB	NT	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2012	EXT	WB	NT	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2012	EXT	WB	NT	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2012	EXT	WB	NT	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2012	EXT	WB	NT	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2012	EXT	WB	NT	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2012	EXT	WB	NT	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2012	EXT	WB	NT	HOV		Haven Ave Off-Ramp to Haven	2661723	0.41	8600		8600	52	50	3537		3537
420	2012	EXT	WB	NT	HOV		Haven Ave Loop On-Ramp to H	2661723	0.29	8600		8600	52	50	2483		2483
421	2012	EXT	WB	NT	HOV		Haven Ave On-Ramp to Archib	91013	0.27	8749		8749	51	50	2391		2391
422	2012	EXT	WB	NT	HOV		Archibald Ave Off-Ramp to Hol	2665604	0.32	5318		5318	61	50	1726		1726
423	2012	EXT	WB	NT	HOV		Holt Blvd Off-Ramp to Archibal	2665604	0.63	5318		5318	61	50	3327		3327
424	2012	EXT	WB	NT	HOV		Archibald Ave On-Ramp to Vine	2665604	0.15	5318		5318	61	50	814		814
425	2012	EXT	WB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2665604	0.36	5318		5318	61	50	1923		1923
426	2012	EXT	WB	NT	HOV		Vineyard Ave Loop On-Ramp to	2672083	0.19	5567		5567	58	50	1059		1059
427	2012	EXT	WB	NT	HOV		Vineyard Ave On-Ramp to 4th	2672083	0.36	5567		5567	58	50	2026		2026
428	2012	EXT	WB	NT	HOV		4th St Off-Ramp to 4th St On-R	2665610	0.53	5567		5567	58	50	2977		2977
429	2012	EXT	WB	NT	HOV		4th St On-Ramp to 7th St Off-R	2665610	0.65	5567		5567	58	50	3605		3605
430	2012	EXT	WB	NT	HOV		7th St Off-Ramp to Euclid Ave I	2665614	0.40	5882		5882	58	50	2343		2343
431	2012	EXT	WB	NT	HOV		Euclid Ave Loop On-Ramp to Eu	2665614	0.36	5882		5882	58	50	2112		2112
432	2012	EXT	WB	NT	HOV		Euclid Ave On-Ramp to Mounta	2665614	0.42	5882		5882	58	50	2488		2488
433	2012	EXT	WB	NT	HOV		Mountain Ave Off-Ramp to Mc	2665614	0.66	5882		5882	58	50	3904		3904
434	2012	EXT	WB	NT	HOV		Mountain Ave On-Ramp to Cer	2665614	0.27	5882		5882	58	50	1614		1614
435	2012	EXT	WB	NT	HOV		Central Ave Off-Ramp to Centr	2665618	0.53	7325		7325	56	50	3856		3856
436	2012	EXT	WB	NT	HOV		Central Ave On-Ramp to Mont	2665618	0.05	7325		7325	56	50	370		370
437	2012	EXT	WB	NT	HOV		Monte Vista Ave Off-Ramp to M	2665618	0.56	7325		7325	56	50	4102		4102
1	2025	ALT1	EB	AM	Mainline		LA County Line to Monte Vista	25707	0.26	19658	1510	21168	55	50	5037	387	5424
2	2025	ALT1	EB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	18051	1458	19509	57	50	12210	986	13196
3	2025	ALT1	EB	AM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	19552	1509	21061	59	50	571	44	615
4	2025	ALT1	EB	AM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	17665	1458	19123	57	50	10104	834	10938
5	2025	ALT1	EB	AM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	19370	1504	20874	59	50	4029	313	4341
6	2025	ALT1	EB	AM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	17426	1460	18886	58	50	5975	501	6476
7	2025	ALT1	EB	AM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	19628	1515	21143	55	50	9382	724	10106
8	2025	ALT1	EB	AM	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	17458	1458	18916	57	50	11266	941	12207
9	2025	ALT1	EB	AM	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	19271	1493	20764	55	50	9865	764	10629
10	2025	ALT1	EB	AM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	16706	1413	18119	58	50	2874	243	3117
11	2025	ALT1	EB	AM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	19688	1452	21140	55	50	6478	478	6956
12	2025	ALT1	EB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	18190	1346	19536	57	50	4447	329	4776
13	2025	ALT1	EB	AM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	20828	1388	22216	61	50	4007	267	4274
14	2025	ALT1	EB	AM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	18575	1306	19881	59	50	6287	442	6730
15	2025	ALT1	EB	AM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	21255	1452	22707	56	50	8292	566	8858
16	2025	ALT1	EB	AM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	21184	1484	22668	56	50	4728	331	5059
17	2025	ALT1	EB	AM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	18612	1373	19985	55	50	7742	571	8313
18	2025	ALT1	EB	AM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	23129	1403	24532	54	50	7221	438	7659
19	2025	ALT1	EB	AM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	23391	1455	24846	58	50	5242	326	5568
20	2025	ALT1	EB	AM	Mainline		Milliken Ave Off-Ramp to Milli	23622	0.53	20149	1324	21473	57	50	10685	702	11387
21	2025	ALT1	EB	AM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	20989	1419	22408	59	50	1115	75	1190
22	2025	ALT1	EB	AM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	17584	986	18570	60	50	4366	245	4611

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

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23	2025	ALT1	EB	AM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	14395	825	15220	59	50	4415	253	4668
24	2025	ALT1	EB	AM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	18076	964	19040	60	50	3916	209	4125
25	2025	ALT1	EB	AM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	18636	980	19616	59	50	2623	138	2761
26	2025	ALT1	EB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	17331	864	18195	61	50	22176	1106	23281
27	2025	ALT1	EB	AM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	17748	908	18656	62	50	16408	839	17247
28	2025	ALT1	EB	AM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	15226	737	15963	62	50	9275	449	9724
29	2025	ALT1	EB	AM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	17633	813	18446	62	50	6286	290	6575
30	2025	ALT1	EB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	16842	769	17611	62	50	10666	487	11153
31	2025	ALT1	EB	AM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	18000	801	18801	62	50	8066	359	8425
32	2025	ALT1	EB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	16884	771	17655	61	50	9045	413	9458
33	2025	ALT1	EB	AM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	18582	799	19381	60	50	8706	374	9081
34	2025	ALT1	EB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	15691	702	16393	59	50	10002	447	10449
35	2025	ALT1	EB	AM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	18092	727	18819	60	50	5596	225	5821
36	2025	ALT1	EB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	18092	727	18819	60	50	6705	269	6974
37	2025	ALT1	EB	AM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	18092	727	18819	60	50	9030	363	9393
38	2025	ALT1	EB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	16126	639	16765	59	50	13688	542	14230
39	2025	ALT1	EB	AM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	18042	670	18712	60	50	14352	533	14885
40	2025	ALT1	EB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	16121	618	16739	61	50	9300	357	9656
41	2025	ALT1	EB	AM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	18074	662	18736	60	50	3607	132	3739
42	2025	ALT1	EB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	16656	626	17282	59	50	10988	413	11401
43	2025	ALT1	EB	AM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	17776	641	18417	60	50	4632	167	4799
44	2025	ALT1	EB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	17776	641	18417	58	50	7324	264	7589
45	2025	ALT1	EB	AM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	18263	646	18909	60	50	3280	116	3396
46	2025	ALT1	EB	AM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	17096	608	17704	58	50	9050	322	9372
47	2025	ALT1	EB	AM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	17678	618	18296	61	50	496	17	513
48	2025	ALT1	EB	AM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	16586	591	17177	61	50	10047	358	10405
49	2025	ALT1	EB	AM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	17243	602	17845	60	50	835	29	864
50	2025	ALT1	EB	AM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	13991	487	14478	60	50	13178	459	13637
51	2025	ALT1	EB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	20252	735	20987	58	50	2220	81	2300
52	2025	ALT1	EB	AM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	25328	923	26251	57	50	3280	120	3399
53	2025	ALT1	EB	AM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	22774	897	23671	56	50	2476	98	2573
54	2025	ALT1	EB	AM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	20913	843	21756	53	50	13206	532	13739
55	2025	ALT1	EB	AM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	21592	864	22456	57	50	6100	244	6344
56	2025	ALT1	EB	AM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	19352	822	20174	55	50	7820	332	8152
57	2025	ALT1	EB	AM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	19569	825	20394	62	50	4071	172	4243
58	2025	ALT1	EB	AM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	17154	764	17918	61	50	13559	604	14163
59	2025	ALT1	EB	AM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	18155	794	18949	62	50	3332	146	3478
60	2025	ALT1	EB	AM	Mainline		California St Off-Ramp to Califc	24075	0.84	15964	740	16704	61	50	13434	623	14057
61	2025	ALT1	EB	AM	Mainline		California St On-Ramp to Alaba	24046	0.18	16305	752	17057	63	50	2866	132	2998
62	2025	ALT1	EB	AM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	14162	710	14872	63	50	5545	278	5823
63	2025	ALT1	EB	AM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	12123	643	12766	63	50	2141	114	2255
64	2025	ALT1	EB	AM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	9920	579	10499	62	50	6381	372	6753
65	2025	ALT1	EB	AM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	10279	593	10872	62	50	2039	118	2157
66	2025	ALT1	EB	AM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	13911	1081	14992	62	50	704	55	759
67	2025	ALT1	EB	AM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	11353	1038	12391	61	50	4891	447	5338
68	2025	ALT1	EB	AM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	12006	1053	13059	62	50	3568	313	3881
69	2025	ALT1	EB	AM	Mainline		University St Off-Ramp to Cypr	23724	0.80	10028	1014	11042	62	50	7977	807	8784
70	2025	ALT1	EB	AM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	10323	1018	11341	64	50	4726	466	5192
71	2025	ALT1	EB	AM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	9049	992	10041	63	50	5883	645	6528

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
72	2025	ALT1	EB	AM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	9708	1002	10710	64	50	5727	591	6318
73	2025	ALT1	EB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1607	52	1659	18	18	304	10	314
74	2025	ALT1	EB	AM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1502	51	1553	15	15	194	7	201
75	2025	ALT1	EB	AM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	1888	51	1939	14	14	245	7	252
76	2025	ALT1	EB	AM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	1706	46	1752	13	13	320	9	328
77	2025	ALT1	EB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	1727	45	1772	16	16	279	7	287
78	2025	ALT1	EB	AM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2202	55	2257	9	9	257	6	263
79	2025	ALT1	EB	AM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	2171	57	2228	10	10	318	8	326
80	2025	ALT1	EB	AM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1813	35	1848	13	13	634	12	647
81	2025	ALT1	EB	AM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	2312	80	2392	25	25	734	25	760
82	2025	ALT1	EB	AM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	2982	40	3022	16	16	701	9	711
83	2025	ALT1	EB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1498	106	1604	27	27	152	11	163
84	2025	ALT1	EB	AM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2889	42	2931	27	27	362	5	367
85	2025	ALT1	EB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	2253	82	2335	31	31	655	24	679
86	2025	ALT1	EB	AM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	2680	146	2826	23	23	611	33	644
87	2025	ALT1	EB	AM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	569	31	600	18	18	132	7	139
88	2025	ALT1	EB	AM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2573	111	2684	23	23	365	16	381
89	2025	ALT1	EB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	879	30	909	17	17	107	4	111
90	2025	ALT1	EB	AM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	262	52	314	19	19	73	15	88
91	2025	ALT1	EB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3242	131	3373	19	19	572	23	595
92	2025	ALT1	EB	AM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	840	95	935	17	17	163	18	181
93	2025	ALT1	EB	AM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	3406	432	3838	31	31	3781	480	4261
94	2025	ALT1	EB	AM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3189	161	3350	21	21	1839	93	1932
95	2025	ALT1	EB	AM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	3681	139	3820	18	18	410	15	426
96	2025	ALT1	EB	AM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	560	16	576	35	35	670	19	689
97	2025	ALT1	EB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1306	115	1421	27	27	256	23	279
98	2025	ALT1	EB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	417	44	461	29	29	149	16	165
99	2025	ALT1	EB	AM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	2522	171	2693	30	30	514	35	549
100	2025	ALT1	EB	AM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2408	76	2484	28	28	742	23	765
101	2025	ALT1	EB	AM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	790	45	835	34	34	272	16	288
102	2025	ALT1	EB	AM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1157	33	1190	29	29	342	10	351
103	2025	ALT1	EB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1116	30	1146	33	33	149	4	153
104	2025	ALT1	EB	AM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1699	28	1727	18	18	456	8	463
105	2025	ALT1	EB	AM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2892	97	2989	23	23	339	11	350
106	2025	ALT1	EB	AM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2401	26	2427	8	8	70	1	71
107	2025	ALT1	EB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2025	ALT1	EB	AM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2025	ALT1	EB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	1966	88	2054	26	26	359	16	376
110	2025	ALT1	EB	AM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1916	31	1947	18	18	788	13	801
111	2025	ALT1	EB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1920	53	1973	32	32	241	7	248
112	2025	ALT1	EB	AM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	1953	44	1997	18	18	589	13	602
113	2025	ALT1	EB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1419	35	1454	20	20	433	11	444
114	2025	ALT1	EB	AM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1121	14	1135	17	17	410	5	415
115	2025	ALT1	EB	AM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2025	ALT1	EB	AM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	485	6	491	19	19	154	2	156
117	2025	ALT1	EB	AM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1166	38	1204	22	22	289	9	299
118	2025	ALT1	EB	AM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	582	10	592	20	20	165	3	167
119	2025	ALT1	EB	AM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1092	27	1119	23	23	459	11	470
120	2025	ALT1	EB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	656	11	667	20	20	170	3	173

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
121	2025	ALT1	EB	AM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	3252	115	3367	34	34	765	27	792
122	2025	ALT1	EB	AM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	6261	248	6509	26	26	5441	216	5657
123	2025	ALT1	EB	AM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	5076	188	5264	29	29	3848	143	3991
124	2025	ALT1	EB	AM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2554	26	2580	4	4	232	2	235
125	2025	ALT1	EB	AM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1861	54	1915	12	12	463	13	476
126	2025	ALT1	EB	AM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	679	21	700	18	18	94	3	97
127	2025	ALT1	EB	AM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2239	43	2282	7	7	564	11	575
128	2025	ALT1	EB	AM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	215	4	219	19	19	22	0	23
129	2025	ALT1	EB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2415	61	2476	11	11	709	18	727
130	2025	ALT1	EB	AM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	1002	30	1032	29	29	228	7	235
131	2025	ALT1	EB	AM	Ramp	OFF	California St Off-Ramp	94801	0.46	2192	53	2245	15	15	998	24	1022
132	2025	ALT1	EB	AM	Ramp	ON	California St On-Ramp	95942	0.39	341	12	353	29	29	132	5	137
133	2025	ALT1	EB	AM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2143	42	2185	16	16	929	18	948
134	2025	ALT1	EB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2038	68	2106	29	29	1686	56	1742
135	2025	ALT1	EB	AM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2204	63	2267	15	15	756	22	778
136	2025	ALT1	EB	AM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	358	14	372	19	19	38	1	39
137	2025	ALT1	EB	AM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	3632	488	4120	28	28	3855	518	4373
138	2025	ALT1	EB	AM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2558	43	2601	5	5	228	4	232
139	2025	ALT1	EB	AM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	654	14	668	18	18	194	4	198
140	2025	ALT1	EB	AM	Ramp	OFF	University St Off-Ramp	94695	0.28	1978	39	2017	13	13	553	11	564
141	2025	ALT1	EB	AM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	295	4	299	29	29	89	1	90
142	2025	ALT1	EB	AM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1274	26	1300	27	27	350	7	357
143	2025	ALT1	EB	AM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	660	9	669	30	30	249	3	252
144	2025	ALT1	EB	AM	HOV		LA County Line to Monte Vista	2779145	0.26	2278		2278	55	50	584		584
145	2025	ALT1	EB	AM	HOV		Monte Vista Ave Off-Ramp to M	2779145	0.68	2278		2278	55	50	1541		1541
146	2025	ALT1	EB	AM	HOV		Monte Vista Ave/Palo Verde St	2779145	0.03	2278		2278	55	50	66		66
147	2025	ALT1	EB	AM	HOV		Central Ave Off-Ramp to Centr	2779145	0.57	2278		2278	55	50	1303		1303
148	2025	ALT1	EB	AM	HOV		Central Ave On-Ramp to Moun	2779145	0.21	2278		2278	55	50	474		474
149	2025	ALT1	EB	AM	HOV		Mountain Ave Off-Ramp to Mc	2779147	0.34	2495		2495	54	50	855		855
150	2025	ALT1	EB	AM	HOV		Mountain Ave On-Ramp to Euc	2779147	0.48	2495		2495	54	50	1193		1193
151	2025	ALT1	EB	AM	HOV		Euclid Ave Off-Ramp to Euclid /	2779147	0.65	2495		2495	54	50	1610		1610
152	2025	ALT1	EB	AM	HOV		Euclid Ave On-Ramp to San Be	2779147	0.51	2495		2495	54	50	1277		1277
153	2025	ALT1	EB	AM	HOV		San Bernardino Ave/4th St Off-	2779157	0.17	2999		2999	56	50	516		516
154	2025	ALT1	EB	AM	HOV		San Bernardino Ave/4th St On-	2779157	0.33	2999		2999	56	50	987		987
155	2025	ALT1	EB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2779157	0.24	2999		2999	56	50	733		733
156	2025	ALT1	EB	AM	HOV		Vineyard Ave On-Ramp to Arch	2779157	0.19	2999		2999	56	50	577		577
157	2025	ALT1	EB	AM	HOV		Archibald Ave Off-Ramp to Hol	2779157	0.34	2999		2999	56	50	1015		1015
158	2025	ALT1	EB	AM	HOV		Holt Blvd On-Ramp to Archibal	2779157	0.39	2999		2999	56	50	1170		1170
159	2025	ALT1	EB	AM	HOV		Archibald Ave On-Ramp to Hav	2779161	0.22	3638		3638	45	45	812		812
160	2025	ALT1	EB	AM	HOV		Haven Ave Off-Ramp to Haven	2779161	0.42	3638		3638	45	45	1513		1513
161	2025	ALT1	EB	AM	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2025	ALT1	EB	AM	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2025	ALT1	EB	AM	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2025	ALT1	EB	AM	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2025	ALT1	EB	AM	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2025	ALT1	EB	AM	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2025	ALT1	EB	AM	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2025	ALT1	EB	AM	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2025	ALT1	EB	AM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
170	2025	ALT1	EB	AM	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2025	ALT1	EB	AM	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2025	ALT1	EB	AM	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citr							50			
173	2025	ALT1	EB	AM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2025	ALT1	EB	AM	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2025	ALT1	EB	AM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2025	ALT1	EB	AM	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2025	ALT1	EB	AM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2025	ALT1	EB	AM	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2025	ALT1	EB	AM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2025	ALT1	EB	AM	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2025	ALT1	EB	AM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2025	ALT1	EB	AM	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2025	ALT1	EB	AM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2025	ALT1	EB	AM	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2025	ALT1	EB	AM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2025	ALT1	EB	AM	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2025	ALT1	EB	AM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2025	ALT1	EB	AM	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2025	ALT1	EB	AM	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9tl							50			
190	2025	ALT1	EB	AM	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2025	ALT1	EB	AM	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2025	ALT1	EB	AM	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2025	ALT1	EB	AM	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2025	ALT1	EB	AM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2025	ALT1	EB	AM	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2025	ALT1	EB	AM	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Rar							50			
197	2025	ALT1	EB	AM	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2025	ALT1	EB	AM	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2025	ALT1	EB	AM	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2025	ALT1	EB	AM	HOV		Anderson St On-Ramp to Mountain View Ave Off-F							50			
201	2025	ALT1	EB	AM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2025	ALT1	EB	AM	HOV		Mountain View Ave On-Ramp to California St Off-F							50			
203	2025	ALT1	EB	AM	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2025	ALT1	EB	AM	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2025	ALT1	EB	AM	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2025	ALT1	EB	AM	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2025	ALT1	EB	AM	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2025	ALT1	EB	AM	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2025	ALT1	EB	AM	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2025	ALT1	EB	AM	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2025	ALT1	EB	AM	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2025	ALT1	EB	AM	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2025	ALT1	EB	AM	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2025	ALT1	EB	AM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2025	ALT1	EB	AM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2025	ALT1	EB	MD	Mainline		LA County Line to Monte Vista	25707	0.26	34868	4394	39261	56	50	8934	1126	10059
2	2025	ALT1	EB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	31897	4259	36156	58	50	21575	2881	24456
3	2025	ALT1	EB	MD	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	34085	4394	38479	60	50	995	128	1123

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
4	2025	ALT1	EB	MD	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	30683	4251	34934	58	50	17550	2431	19982
5	2025	ALT1	EB	MD	Mainline		Central Ave On-Ramp to Moun	23488	0.21	33952	4351	38302	60	50	7061	905	7966
6	2025	ALT1	EB	MD	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	30300	4230	34530	59	50	10389	1450	11839
7	2025	ALT1	EB	MD	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	34046	4386	38432	57	50	16273	2096	18370
8	2025	ALT1	EB	MD	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	29948	4225	34173	59	50	19327	2726	22053
9	2025	ALT1	EB	MD	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	32697	4332	37029	57	50	16738	2217	18955
10	2025	ALT1	EB	MD	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	27630	4114	31743	59	50	4753	708	5461
11	2025	ALT1	EB	MD	Mainline		San Bernardino Ave/4th St On-	23534	0.33	31711	4225	35937	58	50	10435	1390	11825
12	2025	ALT1	EB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	28352	3937	32289	59	50	6931	963	7894
13	2025	ALT1	EB	MD	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	31824	4048	35872	62	50	6122	779	6901
14	2025	ALT1	EB	MD	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	29010	3822	32833	61	50	9820	1294	11114
15	2025	ALT1	EB	MD	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	34939	4204	39143	59	50	13630	1640	15270
16	2025	ALT1	EB	MD	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	34350	4283	38634	59	50	7667	956	8623
17	2025	ALT1	EB	MD	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	30846	3979	34824	57	50	12831	1655	14486
18	2025	ALT1	EB	MD	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	42083	4053	46137	56	50	13139	1266	14404
19	2025	ALT1	EB	MD	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	43256	4193	47449	58	50	9694	940	10634
20	2025	ALT1	EB	MD	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	38037	3860	41896	58	50	20171	2047	22218
21	2025	ALT1	EB	MD	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	41383	4079	45462	59	50	2198	217	2415
22	2025	ALT1	EB	MD	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	33349	2602	35951	60	50	8281	646	8927
23	2025	ALT1	EB	MD	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	27626	2164	29790	59	50	8473	664	9137
24	2025	ALT1	EB	MD	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	33665	2490	36156	61	50	7294	540	7833
25	2025	ALT1	EB	MD	Mainline		I-15 SB On-Ramp to Etiwanda /	24162	0.14	34758	2536	37294	59	50	4893	357	5250
26	2025	ALT1	EB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	33194	2235	35429	61	50	42473	2860	45332
27	2025	ALT1	EB	MD	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	34640	2349	36989	62	50	32024	2172	34196
28	2025	ALT1	EB	MD	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	29733	1911	31643	62	50	18113	1164	19277
29	2025	ALT1	EB	MD	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	33548	2122	35670	62	50	11959	756	12715
30	2025	ALT1	EB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	31835	1999	33834	63	50	20162	1266	21428
31	2025	ALT1	EB	MD	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	33228	2080	35308	62	50	14890	932	15822
32	2025	ALT1	EB	MD	Mainline		Citrus Ave Off-Ramp to Citrus /	24532	0.54	30935	2001	32936	61	50	16573	1072	17645
33	2025	ALT1	EB	MD	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	33153	2076	35229	61	50	15534	973	16506
34	2025	ALT1	EB	MD	Mainline		Sierra Ave Off-Ramp to Sierra /	24384	0.64	27068	1798	28866	61	50	17254	1146	18400
35	2025	ALT1	EB	MD	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	30957	1869	32826	61	50	9575	578	10154
36	2025	ALT1	EB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	30957	1869	32826	61	50	11472	693	12165
37	2025	ALT1	EB	MD	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	30957	1869	32826	61	50	15452	933	16384
38	2025	ALT1	EB	MD	Mainline		Cedar Ave Off-Ramp to Cedar /	24203	0.85	26892	1649	28542	61	50	22826	1400	24226
39	2025	ALT1	EB	MD	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	29602	1734	31336	62	50	23547	1380	24927
40	2025	ALT1	EB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	26817	1592	28410	62	50	15470	919	16389
41	2025	ALT1	EB	MD	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	30097	1704	31801	62	50	6006	340	6346
42	2025	ALT1	EB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	27437	1614	29051	61	50	18100	1065	19165
43	2025	ALT1	EB	MD	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	29445	1653	31098	62	50	7672	431	8103
44	2025	ALT1	EB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	29445	1653	31098	60	50	12132	681	12813
45	2025	ALT1	EB	MD	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	30291	1670	31961	62	50	5440	300	5740
46	2025	ALT1	EB	MD	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	28234	1569	29803	60	50	14947	831	15777
47	2025	ALT1	EB	MD	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	29658	1595	31253	62	50	832	45	877
48	2025	ALT1	EB	MD	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	27794	1527	29321	62	50	16836	925	17761
49	2025	ALT1	EB	MD	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	29049	1556	30605	61	50	1406	75	1481
50	2025	ALT1	EB	MD	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	24528	1304	25832	61	50	23103	1228	24331
51	2025	ALT1	EB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	35675	2002	37678	59	50	3910	219	4130
52	2025	ALT1	EB	MD	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	45078	2497	47575	59	50	5837	323	6160

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
53	2025	ALT1	EB	MD	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	40847	2394	43241	57	50	4440	260	4701
54	2025	ALT1	EB	MD	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	38433	2273	40706	54	50	24270	1435	25705
55	2025	ALT1	EB	MD	Mainline		Waterman Ave On-Ramp to An	24356	0.28	40436	2334	42771	58	50	11424	660	12083
56	2025	ALT1	EB	MD	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	36753	2179	38931	55	50	14851	880	15732
57	2025	ALT1	EB	MD	Mainline		Anderson St On-Ramp to Mour	24003	0.21	38070	2189	40259	62	50	7921	455	8376
58	2025	ALT1	EB	MD	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	34448	2021	36469	61	50	27229	1597	28826
59	2025	ALT1	EB	MD	Mainline		Mountain View Ave On-Ramp t	24040	0.18	37591	2105	39695	62	50	6900	386	7286
60	2025	ALT1	EB	MD	Mainline		California St Off-Ramp to Califc	24075	0.84	34571	1952	36523	61	50	29093	1642	30735
61	2025	ALT1	EB	MD	Mainline		California St On-Ramp to Alaba	24046	0.18	35985	1984	37970	62	50	6325	349	6673
62	2025	ALT1	EB	MD	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	32312	1862	34174	63	50	12652	729	13381
63	2025	ALT1	EB	MD	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	27726	1676	29402	62	50	4897	296	5193
64	2025	ALT1	EB	MD	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	23984	1498	25482	61	50	15427	963	16391
65	2025	ALT1	EB	MD	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	25820	1533	27353	61	50	5123	304	5427
66	2025	ALT1	EB	MD	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	32287	2768	35055	61	50	1634	140	1774
67	2025	ALT1	EB	MD	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	27653	2645	30298	60	50	11912	1139	13051
68	2025	ALT1	EB	MD	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	29433	2683	32116	61	50	8748	798	9546
69	2025	ALT1	EB	MD	Mainline		University St Off-Ramp to Cypr	23724	0.80	25586	2585	28171	61	50	20354	2056	22410
70	2025	ALT1	EB	MD	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	26299	2595	28895	63	50	12039	1188	13227
71	2025	ALT1	EB	MD	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	23585	2533	26119	63	50	15333	1647	16980
72	2025	ALT1	EB	MD	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	25180	2558	27738	64	50	14855	1509	16364
73	2025	ALT1	EB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2971	135	3106	19	19	562	25	587
74	2025	ALT1	EB	MD	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2188	135	2323	16	16	283	17	300
75	2025	ALT1	EB	MD	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3402	143	3545	16	16	442	19	461
76	2025	ALT1	EB	MD	Ramp	ON	Central Ave On-Ramp	2668755	0.19	3268	100	3368	14	14	612	19	631
77	2025	ALT1	EB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3231	121	3352	17	17	522	20	542
78	2025	ALT1	EB	MD	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	3745	156	3902	12	12	437	18	455
79	2025	ALT1	EB	MD	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	4097	161	4259	12	12	600	24	624
80	2025	ALT1	EB	MD	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2749	107	2856	15	15	962	37	999
81	2025	ALT1	EB	MD	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	4188	218	4406	26	26	1330	69	1399
82	2025	ALT1	EB	MD	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	4082	112	4193	18	18	960	26	986
83	2025	ALT1	EB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	3360	288	3648	27	27	342	29	371
84	2025	ALT1	EB	MD	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	4056	111	4166	28	28	508	14	522
85	2025	ALT1	EB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	2814	226	3039	33	33	818	66	884
86	2025	ALT1	EB	MD	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5929	381	6310	21	21	1351	87	1438
87	2025	ALT1	EB	MD	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1249	79	1328	18	18	290	18	308
88	2025	ALT1	EB	MD	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	3505	305	3809	25	25	497	43	540
89	2025	ALT1	EB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1593	75	1668	17	17	195	9	204
90	2025	ALT1	EB	MD	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1173	139	1313	18	18	328	39	367
91	2025	ALT1	EB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	5220	333	5553	22	22	921	59	980
92	2025	ALT1	EB	MD	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3346	219	3566	12	12	647	42	690
93	2025	ALT1	EB	MD	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	8034	1477	9511	30	30	8919	1640	10559
94	2025	ALT1	EB	MD	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	5723	438	6160	22	22	3301	252	3553
95	2025	ALT1	EB	MD	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	6039	326	6365	22	22	673	36	710
96	2025	ALT1	EB	MD	Ramp	ON	I-15 SB On-Ramp	23557	1.20	1093	46	1138	35	35	1308	54	1363
97	2025	ALT1	EB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1564	301	1865	28	28	307	59	366
98	2025	ALT1	EB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1446	114	1560	29	29	517	41	558
99	2025	ALT1	EB	MD	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4907	439	5346	30	30	1000	89	1090
100	2025	ALT1	EB	MD	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	3815	211	4027	28	28	1176	65	1241
101	2025	ALT1	EB	MD	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	1713	123	1836	34	34	591	42	633

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
102	2025	ALT1	EB	MD	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1394	80	1474	30	30	411	24	435
103	2025	ALT1	EB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2294	78	2372	33	33	307	10	317
104	2025	ALT1	EB	MD	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2219	75	2293	19	19	595	20	615
105	2025	ALT1	EB	MD	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	6085	278	6363	23	23	713	33	746
106	2025	ALT1	EB	MD	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3889	71	3959	12	12	114	2	116
107	2025	ALT1	EB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2025	ALT1	EB	MD	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2025	ALT1	EB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4065	220	4284	26	26	743	40	783
110	2025	ALT1	EB	MD	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2709	85	2794	19	19	1114	35	1149
111	2025	ALT1	EB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	2784	142	2926	33	33	349	18	367
112	2025	ALT1	EB	MD	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3280	111	3392	18	18	990	34	1023
113	2025	ALT1	EB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2661	89	2750	20	20	813	27	840
114	2025	ALT1	EB	MD	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	2008	39	2047	17	17	735	14	749
115	2025	ALT1	EB	MD	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2025	ALT1	EB	MD	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	847	17	863	19	19	269	5	275
117	2025	ALT1	EB	MD	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	2057	100	2158	23	23	510	25	535
118	2025	ALT1	EB	MD	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1424	26	1450	19	19	403	7	410
119	2025	ALT1	EB	MD	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1863	68	1931	24	24	783	29	812
120	2025	ALT1	EB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1254	29	1283	20	20	326	8	333
121	2025	ALT1	EB	MD	Ramp	OFF	I-215 Off-Ramp	24444	0.24	4520	252	4773	34	34	1063	59	1123
122	2025	ALT1	EB	MD	Ramp	ON	I-215 NB On-Ramp	24630	0.87	11147	698	11846	28	28	9688	607	10295
123	2025	ALT1	EB	MD	Ramp	ON	I-215 SB On-Ramp	24516	0.76	9403	495	9897	30	30	7128	375	7503
124	2025	ALT1	EB	MD	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	4231	103	4334	8	8	385	9	394
125	2025	ALT1	EB	MD	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	2414	122	2536	19	19	601	30	631
126	2025	ALT1	EB	MD	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2003	62	2065	16	16	278	9	287
127	2025	ALT1	EB	MD	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3683	156	3839	11	11	928	39	967
128	2025	ALT1	EB	MD	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1317	10	1327	18	18	135	1	136
129	2025	ALT1	EB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	3622	168	3790	20	20	1064	49	1113
130	2025	ALT1	EB	MD	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	3143	84	3227	29	29	716	19	736
131	2025	ALT1	EB	MD	Ramp	OFF	California St Off-Ramp	94801	0.46	3019	153	3173	24	24	1374	70	1444
132	2025	ALT1	EB	MD	Ramp	ON	California St On-Ramp	95942	0.39	1414	33	1447	29	29	548	13	561
133	2025	ALT1	EB	MD	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	3673	123	3796	20	20	1593	53	1646
134	2025	ALT1	EB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	4586	185	4772	29	29	3794	153	3947
135	2025	ALT1	EB	MD	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	3742	179	3920	19	19	1284	61	1345
136	2025	ALT1	EB	MD	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1836	36	1871	17	17	195	4	198
137	2025	ALT1	EB	MD	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	6467	1235	7702	28	28	6864	1311	8175
138	2025	ALT1	EB	MD	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	4634	123	4757	8	8	413	11	424
139	2025	ALT1	EB	MD	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1780	38	1818	17	17	528	11	539
140	2025	ALT1	EB	MD	Ramp	OFF	University St Off-Ramp	94695	0.28	3847	98	3946	14	14	1076	28	1103
141	2025	ALT1	EB	MD	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	713	11	724	29	29	216	3	219
142	2025	ALT1	EB	MD	Ramp	OFF	Ford St Off-Ramp	94682	0.27	2714	62	2776	26	26	746	17	763
143	2025	ALT1	EB	MD	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	1595	25	1620	29	29	601	9	610
144	2025	ALT1	EB	MD	HOV		LA County Line to Monte Vista	2779145	0.26	5923		5923	51	50	1518		1518
145	2025	ALT1	EB	MD	HOV		Monte Vista Ave Off-Ramp to M	2779145	0.68	5923		5923	51	50	4006		4006
146	2025	ALT1	EB	MD	HOV		Monte Vista Ave/Palo Verde St	2779145	0.03	5923		5923	51	50	173		173
147	2025	ALT1	EB	MD	HOV		Central Ave Off-Ramp to Centr	2779145	0.57	5923		5923	51	50	3388		3388
148	2025	ALT1	EB	MD	HOV		Central Ave On-Ramp to Moun	2779145	0.21	5923		5923	51	50	1232		1232
149	2025	ALT1	EB	MD	HOV		Mountain Ave Off-Ramp to Mc	2779147	0.34	6343		6343	50	50	2175		2175
150	2025	ALT1	EB	MD	HOV		Mountain Ave On-Ramp to Euc	2779147	0.48	6343		6343	50	50	3032		3032

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
151	2025	ALT1	EB	MD	HOV		Euclid Ave Off-Ramp to Euclid /	2779147	0.65	6343		6343	50	50	4094		4094
152	2025	ALT1	EB	MD	HOV		Euclid Ave On-Ramp to San Ber	2779147	0.51	6343		6343	50	50	3247		3247
153	2025	ALT1	EB	MD	HOV		San Bernardino Ave/4th St Off-	2779157	0.17	7807		7807	52	50	1343		1343
154	2025	ALT1	EB	MD	HOV		San Bernardino Ave/4th St On-	2779157	0.33	7807		7807	52	50	2569		2569
155	2025	ALT1	EB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2779157	0.24	7807		7807	52	50	1909		1909
156	2025	ALT1	EB	MD	HOV		Vineyard Ave On-Ramp to Arch	2779157	0.19	7807		7807	52	50	1502		1502
157	2025	ALT1	EB	MD	HOV		Archibald Ave Off-Ramp to Hol	2779157	0.34	7807		7807	52	50	2643		2643
158	2025	ALT1	EB	MD	HOV		Holt Blvd On-Ramp to Archibal	2779157	0.39	7807		7807	52	50	3045		3045
159	2025	ALT1	EB	MD	HOV		Archibald Ave On-Ramp to Hav	2779161	0.22	9644		9644	35	35	2152		2152
160	2025	ALT1	EB	MD	HOV		Haven Ave Off-Ramp to Haven	2779161	0.42	9644		9644	35	35	4012		4012
161	2025	ALT1	EB	MD	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2025	ALT1	EB	MD	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2025	ALT1	EB	MD	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2025	ALT1	EB	MD	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2025	ALT1	EB	MD	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2025	ALT1	EB	MD	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2025	ALT1	EB	MD	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2025	ALT1	EB	MD	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2025	ALT1	EB	MD	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2025	ALT1	EB	MD	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2025	ALT1	EB	MD	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2025	ALT1	EB	MD	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citru							50			
173	2025	ALT1	EB	MD	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2025	ALT1	EB	MD	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2025	ALT1	EB	MD	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2025	ALT1	EB	MD	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2025	ALT1	EB	MD	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2025	ALT1	EB	MD	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2025	ALT1	EB	MD	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2025	ALT1	EB	MD	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2025	ALT1	EB	MD	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2025	ALT1	EB	MD	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2025	ALT1	EB	MD	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2025	ALT1	EB	MD	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2025	ALT1	EB	MD	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2025	ALT1	EB	MD	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2025	ALT1	EB	MD	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2025	ALT1	EB	MD	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2025	ALT1	EB	MD	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th							50			
190	2025	ALT1	EB	MD	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2025	ALT1	EB	MD	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2025	ALT1	EB	MD	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2025	ALT1	EB	MD	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2025	ALT1	EB	MD	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2025	ALT1	EB	MD	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2025	ALT1	EB	MD	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Ran							50			
197	2025	ALT1	EB	MD	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2025	ALT1	EB	MD	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2025	ALT1	EB	MD	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
200	2025	ALT1	EB	MD	HOV		Anderson St On-Ramp to Mountain View Ave Off-f							50			
201	2025	ALT1	EB	MD	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2025	ALT1	EB	MD	HOV		Mountain View Ave On-Ramp to California St Off-f							50			
203	2025	ALT1	EB	MD	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2025	ALT1	EB	MD	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2025	ALT1	EB	MD	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2025	ALT1	EB	MD	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2025	ALT1	EB	MD	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2025	ALT1	EB	MD	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2025	ALT1	EB	MD	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2025	ALT1	EB	MD	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2025	ALT1	EB	MD	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2025	ALT1	EB	MD	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2025	ALT1	EB	MD	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2025	ALT1	EB	MD	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2025	ALT1	EB	MD	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2025	ALT1	EB	PM	Mainline		LA County Line to Monte Vista	25707	0.26	35104	2696	37801	33	33	8994	691	9685
2	2025	ALT1	EB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	32470	2641	35112	43	43	21963	1786	23749
3	2025	ALT1	EB	PM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	34460	2736	37196	50	50	1006	80	1086
4	2025	ALT1	EB	PM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	31655	2664	34319	45	45	18106	1524	19630
5	2025	ALT1	EB	PM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	34154	2729	36883	51	50	7103	568	7671
6	2025	ALT1	EB	PM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	30973	2677	33650	48	48	10620	918	11538
7	2025	ALT1	EB	PM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	33698	2803	36502	38	38	16107	1340	17447
8	2025	ALT1	EB	PM	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	30339	2743	33082	47	47	19579	1770	21349
9	2025	ALT1	EB	PM	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	32514	2802	35315	42	42	16644	1434	18078
10	2025	ALT1	EB	PM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	27404	2659	30063	52	50	4714	457	5172
11	2025	ALT1	EB	PM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	30111	2714	32825	48	48	9908	893	10801
12	2025	ALT1	EB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	28356	2564	30920	51	50	6933	627	7559
13	2025	ALT1	EB	PM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	32146	2664	34810	58	50	6184	512	6697
14	2025	ALT1	EB	PM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	28962	2538	31500	55	50	9803	859	10662
15	2025	ALT1	EB	PM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	33990	2724	36714	49	49	13260	1063	14322
16	2025	ALT1	EB	PM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	34567	2762	37329	48	48	7715	616	8331
17	2025	ALT1	EB	PM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	31462	2555	34016	43	43	13087	1063	14150
18	2025	ALT1	EB	PM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	40615	2593	43208	31	31	12680	810	13490
19	2025	ALT1	EB	PM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	42845	2671	45516	42	42	9602	599	10201
20	2025	ALT1	EB	PM	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	39930	2414	42344	34	34	21175	1280	22455
21	2025	ALT1	EB	PM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	42778	2507	45285	43	43	2272	133	2405
22	2025	ALT1	EB	PM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	34668	1739	36408	50	50	8609	432	9041
23	2025	ALT1	EB	PM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	30289	1471	31760	48	48	9290	451	9741
24	2025	ALT1	EB	PM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	36340	1635	37974	53	50	7873	354	8227
25	2025	ALT1	EB	PM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	37195	1657	38852	46	46	5236	233	5469
26	2025	ALT1	EB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	35837	1481	37318	44	44	45855	1894	47750
27	2025	ALT1	EB	PM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	37453	1557	39010	53	50	34625	1439	36064
28	2025	ALT1	EB	PM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	33005	1358	34363	52	50	20106	827	20934
29	2025	ALT1	EB	PM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	37705	1511	39217	53	50	13441	539	13979
30	2025	ALT1	EB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	35608	1438	37047	56	50	22552	911	23463
31	2025	ALT1	EB	PM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	37130	1485	38615	54	50	16639	665	17304
32	2025	ALT1	EB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	33925	1429	35354	50	50	18175	766	18941
33	2025	ALT1	EB	PM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	35816	1478	37294	51	50	16781	692	17474

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
34	2025	ALT1	EB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	30201	1343	31544	51	50	19251	856	20107
35	2025	ALT1	EB	PM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	33303	1380	34683	54	50	10301	427	10728
36	2025	ALT1	EB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	33303	1380	34683	54	50	12341	511	12853
37	2025	ALT1	EB	PM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	33303	1380	34683	54	50	16623	689	17311
38	2025	ALT1	EB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	28991	1274	30265	53	50	24607	1082	25689
39	2025	ALT1	EB	PM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	31136	1332	32468	56	50	24768	1060	25827
40	2025	ALT1	EB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	27752	1219	28971	58	50	16009	703	16713
41	2025	ALT1	EB	PM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	30867	1277	32144	56	50	6160	255	6415
42	2025	ALT1	EB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	28309	1234	29543	54	50	18676	814	19490
43	2025	ALT1	EB	PM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	29674	1256	30930	57	50	7732	327	8059
44	2025	ALT1	EB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	29674	1256	30930	52	50	12227	517	12744
45	2025	ALT1	EB	PM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	30829	1278	32107	56	50	5536	229	5766
46	2025	ALT1	EB	PM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	29193	1223	30416	53	50	15454	647	16101
47	2025	ALT1	EB	PM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	31040	1244	32283	56	50	871	35	906
48	2025	ALT1	EB	PM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	29610	1200	30810	57	50	17936	727	18663
49	2025	ALT1	EB	PM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	30772	1215	31987	55	50	1490	59	1548
50	2025	ALT1	EB	PM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	24577	1018	25595	56	50	23149	959	24109
51	2025	ALT1	EB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	34485	1338	35822	51	50	3780	147	3927
52	2025	ALT1	EB	PM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	40782	1630	42413	49	49	5281	211	5492
53	2025	ALT1	EB	PM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	37827	1570	39397	45	45	4112	171	4283
54	2025	ALT1	EB	PM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	36106	1451	37557	33	33	22801	917	23717
55	2025	ALT1	EB	PM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	37926	1476	39402	45	45	10715	417	11132
56	2025	ALT1	EB	PM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	35395	1407	36802	36	36	14303	569	14871
57	2025	ALT1	EB	PM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	37072	1412	38484	54	50	7713	294	8007
58	2025	ALT1	EB	PM	Mainline		Mountain View Ave Off-Ramp	23991	0.79	34587	1334	35920	49	49	27338	1054	28392
59	2025	ALT1	EB	PM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	38641	1386	40027	52	50	7093	254	7347
60	2025	ALT1	EB	PM	Mainline		California St Off-Ramp to Califc	24075	0.84	36601	1304	37905	43	43	30801	1097	31899
61	2025	ALT1	EB	PM	Mainline		California St On-Ramp to Alaba	24046	0.18	38981	1330	40311	51	50	6851	234	7085
62	2025	ALT1	EB	PM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	36504	1259	37764	55	50	14293	493	14786
63	2025	ALT1	EB	PM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	30564	1174	31737	56	50	5399	207	5606
64	2025	ALT1	EB	PM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	27889	1090	28980	54	50	17939	701	18641
65	2025	ALT1	EB	PM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	30081	1104	31185	52	50	5968	219	6188
66	2025	ALT1	EB	PM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	37395	1878	39272	47	47	1892	95	1987
67	2025	ALT1	EB	PM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	33927	1805	35732	42	42	14615	778	15392
68	2025	ALT1	EB	PM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	35454	1824	37277	51	50	10538	542	11080
69	2025	ALT1	EB	PM	Mainline		University St Off-Ramp to Cypr	23724	0.80	32387	1794	34180	46	46	25764	1427	27191
70	2025	ALT1	EB	PM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	33142	1800	34943	58	50	15172	824	15996
71	2025	ALT1	EB	PM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	30187	1773	31959	55	50	19624	1152	20777
72	2025	ALT1	EB	PM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	32355	1795	34149	60	50	19088	1059	20146
73	2025	ALT1	EB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2634	55	2689	13	13	498	10	509
74	2025	ALT1	EB	PM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1990	95	2085	14	14	257	12	269
75	2025	ALT1	EB	PM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2806	72	2877	11	11	365	9	374
76	2025	ALT1	EB	PM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2499	65	2564	12	12	468	12	480
77	2025	ALT1	EB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3089	52	3142	9	9	500	8	508
78	2025	ALT1	EB	PM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2725	127	2852	10	10	318	15	333
79	2025	ALT1	EB	PM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3360	60	3420	6	6	492	9	501
80	2025	ALT1	EB	PM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2175	58	2234	14	14	761	20	782
81	2025	ALT1	EB	PM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	4776	143	4918	20	20	1516	45	1562
82	2025	ALT1	EB	PM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	2708	55	2762	18	18	637	13	650

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
83	2025	ALT1	EB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1755	150	1905	28	28	179	15	194
84	2025	ALT1	EB	PM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	4050	100	4150	27	27	507	13	520
85	2025	ALT1	EB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	3184	126	3310	31	31	926	37	963
86	2025	ALT1	EB	PM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5028	186	5214	17	17	1146	42	1189
87	2025	ALT1	EB	PM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1518	38	1556	16	16	352	9	361
88	2025	ALT1	EB	PM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	3105	207	3312	23	23	440	29	470
89	2025	ALT1	EB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1305	38	1343	16	16	159	5	164
90	2025	ALT1	EB	PM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	2230	78	2309	12	12	624	22	646
91	2025	ALT1	EB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2915	258	3173	24	24	515	45	560
92	2025	ALT1	EB	PM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2848	93	2941	8	8	551	18	569
93	2025	ALT1	EB	PM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	8110	767	8877	26	26	9003	852	9855
94	2025	ALT1	EB	PM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	4379	269	4648	20	20	2526	155	2681
95	2025	ALT1	EB	PM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	6051	164	6215	11	11	675	18	693
96	2025	ALT1	EB	PM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	855	22	877	35	35	1024	26	1050
97	2025	ALT1	EB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1358	176	1534	28	28	267	35	301
98	2025	ALT1	EB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1616	76	1692	27	27	578	27	605
99	2025	ALT1	EB	PM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4448	199	4646	27	27	907	41	947
100	2025	ALT1	EB	PM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	4700	153	4853	26	26	1448	47	1496
101	2025	ALT1	EB	PM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	2097	73	2170	33	33	723	25	748
102	2025	ALT1	EB	PM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1521	47	1568	29	29	449	14	463
103	2025	ALT1	EB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	3204	56	3260	31	31	429	7	436
104	2025	ALT1	EB	PM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1891	49	1940	19	19	507	13	520
105	2025	ALT1	EB	PM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	5615	135	5750	16	16	658	16	674
106	2025	ALT1	EB	PM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3102	37	3139	8	8	91	1	92
107	2025	ALT1	EB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2025	ALT1	EB	PM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2025	ALT1	EB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4312	106	4418	22	22	788	19	808
110	2025	ALT1	EB	PM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2145	58	2203	18	18	882	24	906
111	2025	ALT1	EB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	3384	113	3497	30	30	425	14	439
112	2025	ALT1	EB	PM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3115	58	3173	17	17	940	18	957
113	2025	ALT1	EB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2558	43	2601	14	14	781	13	794
114	2025	ALT1	EB	PM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1365	22	1387	17	17	499	8	507
115	2025	ALT1	EB	PM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2025	ALT1	EB	PM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	1154	22	1177	18	18	367	7	374
117	2025	ALT1	EB	PM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1636	55	1691	21	21	406	14	419
118	2025	ALT1	EB	PM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1847	21	1868	19	19	522	6	528
119	2025	ALT1	EB	PM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1429	44	1474	23	23	601	18	619
120	2025	ALT1	EB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1162	16	1178	19	19	302	4	306
121	2025	ALT1	EB	PM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	6195	197	6392	33	33	1457	46	1503
122	2025	ALT1	EB	PM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	9908	319	10227	23	23	8610	277	8888
123	2025	ALT1	EB	PM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	6298	293	6590	30	30	4774	222	4996
124	2025	ALT1	EB	PM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2955	60	3016	7	7	269	5	274
125	2025	ALT1	EB	PM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1721	118	1839	18	18	428	29	458
126	2025	ALT1	EB	PM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1819	25	1844	14	14	253	3	256
127	2025	ALT1	EB	PM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2531	69	2600	11	11	637	17	655
128	2025	ALT1	EB	PM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1677	5	1682	15	15	172	0	173
129	2025	ALT1	EB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2486	78	2564	20	20	730	23	753
130	2025	ALT1	EB	PM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	4054	53	4107	27	27	924	12	936
131	2025	ALT1	EB	PM	Ramp	OFF	California St Off-Ramp	94801	0.46	2040	82	2122	24	24	928	37	966

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
132	2025	ALT1	EB	PM	Ramp	ON	California St On-Ramp	95942	0.39	2379	26	2405	26	26	922	10	932
133	2025	ALT1	EB	PM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2476	71	2547	20	20	1074	31	1105
134	2025	ALT1	EB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	5941	86	6026	28	28	4914	71	4985
135	2025	ALT1	EB	PM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2674	83	2758	18	18	917	29	946
136	2025	ALT1	EB	PM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2192	14	2206	14	14	232	1	234
137	2025	ALT1	EB	PM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	7314	773	8087	25	25	7762	821	8583
138	2025	ALT1	EB	PM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	3468	72	3541	5	5	309	6	315
139	2025	ALT1	EB	PM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1527	19	1545	16	16	452	5	458
140	2025	ALT1	EB	PM	Ramp	OFF	University St Off-Ramp	94695	0.28	3067	30	3097	9	9	857	8	866
141	2025	ALT1	EB	PM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	755	7	762	29	29	229	2	231
142	2025	ALT1	EB	PM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	2956	28	2983	15	15	812	8	820
143	2025	ALT1	EB	PM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	2168	22	2190	29	29	816	8	825
144	2025	ALT1	EB	PM	HOV		LA County Line to Monte Vista	2779145	0.26	6221		6221	40	40	1594		1594
145	2025	ALT1	EB	PM	HOV		Monte Vista Ave Off-Ramp to M	2779145	0.68	6221		6221	40	40	4208		4208
146	2025	ALT1	EB	PM	HOV		Monte Vista Ave/Palo Verde St	2779145	0.03	6221		6221	40	40	182		182
147	2025	ALT1	EB	PM	HOV		Central Ave Off-Ramp to Centr	2779145	0.57	6221		6221	40	40	3558		3558
148	2025	ALT1	EB	PM	HOV		Central Ave On-Ramp to Moun	2779145	0.21	6221		6221	40	40	1294		1294
149	2025	ALT1	EB	PM	HOV		Mountain Ave Off-Ramp to Mc	2779147	0.34	6312		6312	39	39	2164		2164
150	2025	ALT1	EB	PM	HOV		Mountain Ave On-Ramp to Euc	2779147	0.48	6312		6312	39	39	3017		3017
151	2025	ALT1	EB	PM	HOV		Euclid Ave Off-Ramp to Euclid /	2779147	0.65	6312		6312	39	39	4073		4073
152	2025	ALT1	EB	PM	HOV		Euclid Ave On-Ramp to San Be	2779147	0.51	6312		6312	39	39	3231		3231
153	2025	ALT1	EB	PM	HOV		San Bernardino Ave/4th St Off-	2779157	0.17	6906		6906	43	43	1188		1188
154	2025	ALT1	EB	PM	HOV		San Bernardino Ave/4th St On-	2779157	0.33	6906		6906	43	43	2272		2272
155	2025	ALT1	EB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2779157	0.24	6906		6906	43	43	1688		1688
156	2025	ALT1	EB	PM	HOV		Vineyard Ave On-Ramp to Arch	2779157	0.19	6906		6906	43	43	1329		1329
157	2025	ALT1	EB	PM	HOV		Archibald Ave Off-Ramp to Hol	2779157	0.34	6906		6906	43	43	2338		2338
158	2025	ALT1	EB	PM	HOV		Holt Blvd On-Ramp to Archibal	2779157	0.39	6906		6906	43	43	2694		2694
159	2025	ALT1	EB	PM	HOV		Archibald Ave On-Ramp to Hav	2779161	0.22	7848		7848	26	26	1752		1752
160	2025	ALT1	EB	PM	HOV		Haven Ave Off-Ramp to Haven	2779161	0.42	7848		7848	26	26	3265		3265
161	2025	ALT1	EB	PM	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2025	ALT1	EB	PM	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2025	ALT1	EB	PM	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2025	ALT1	EB	PM	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2025	ALT1	EB	PM	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2025	ALT1	EB	PM	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2025	ALT1	EB	PM	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2025	ALT1	EB	PM	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2025	ALT1	EB	PM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2025	ALT1	EB	PM	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2025	ALT1	EB	PM	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2025	ALT1	EB	PM	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citr							50			
173	2025	ALT1	EB	PM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2025	ALT1	EB	PM	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2025	ALT1	EB	PM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2025	ALT1	EB	PM	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2025	ALT1	EB	PM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2025	ALT1	EB	PM	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2025	ALT1	EB	PM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2025	ALT1	EB	PM	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
181	2025	ALT1	EB	PM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2025	ALT1	EB	PM	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2025	ALT1	EB	PM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2025	ALT1	EB	PM	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2025	ALT1	EB	PM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2025	ALT1	EB	PM	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2025	ALT1	EB	PM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2025	ALT1	EB	PM	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2025	ALT1	EB	PM	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9tl							50			
190	2025	ALT1	EB	PM	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2025	ALT1	EB	PM	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2025	ALT1	EB	PM	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2025	ALT1	EB	PM	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2025	ALT1	EB	PM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2025	ALT1	EB	PM	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2025	ALT1	EB	PM	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Rar							50			
197	2025	ALT1	EB	PM	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2025	ALT1	EB	PM	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2025	ALT1	EB	PM	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2025	ALT1	EB	PM	HOV		Anderson St On-Ramp to Mountain View Ave Off-I							50			
201	2025	ALT1	EB	PM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2025	ALT1	EB	PM	HOV		Mountain View Ave On-Ramp to California St Off-I							50			
203	2025	ALT1	EB	PM	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2025	ALT1	EB	PM	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2025	ALT1	EB	PM	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2025	ALT1	EB	PM	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2025	ALT1	EB	PM	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2025	ALT1	EB	PM	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2025	ALT1	EB	PM	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2025	ALT1	EB	PM	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2025	ALT1	EB	PM	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2025	ALT1	EB	PM	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2025	ALT1	EB	PM	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2025	ALT1	EB	PM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2025	ALT1	EB	PM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2025	ALT1	EB	NT	Mainline		LA County Line to Monte Vista	25707	0.26	22446	6325	28771	63	50	5751	1621	7372
2	2025	ALT1	EB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	21129	6253	27382	63	50	14292	4229	18521
3	2025	ALT1	EB	NT	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	22203	6337	28540	63	50	648	185	833
4	2025	ALT1	EB	NT	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	20202	6206	26408	63	50	11555	3550	15105
5	2025	ALT1	EB	NT	Mainline		Central Ave On-Ramp to Moun	23488	0.21	22390	6312	28702	63	50	4657	1313	5970
6	2025	ALT1	EB	NT	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	19590	6190	25780	63	50	6717	2122	8839
7	2025	ALT1	EB	NT	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	22049	6332	28381	63	50	10539	3027	13566
8	2025	ALT1	EB	NT	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	18664	6147	24811	63	50	12045	3967	16012
9	2025	ALT1	EB	NT	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	20319	6230	26550	63	50	10402	3189	13591
10	2025	ALT1	EB	NT	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	17157	6049	23207	63	50	2952	1041	3992
11	2025	ALT1	EB	NT	Mainline		San Bernardino Ave/4th St On-	23534	0.33	19307	6125	25432	63	50	6353	2015	8368
12	2025	ALT1	EB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	17937	5865	23802	63	50	4385	1434	5819
13	2025	ALT1	EB	NT	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	19285	5941	25227	64	50	3710	1143	4853
14	2025	ALT1	EB	NT	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	16836	5721	22557	64	50	5699	1936	7635

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
15	2025	ALT1	EB	NT	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	20743	6132	26875	63	50	8092	2392	10484
16	2025	ALT1	EB	NT	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	21045	6190	27235	63	50	4697	1382	6079
17	2025	ALT1	EB	NT	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	19208	5863	25072	63	50	7990	2439	10429
18	2025	ALT1	EB	NT	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	25636	5932	31568	63	50	8004	1852	9856
19	2025	ALT1	EB	NT	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	26370	6079	32448	63	50	5910	1362	7272
20	2025	ALT1	EB	NT	Mainline		Milliken Ave Off-Ramp to Millil	23622	0.53	24155	5729	29884	63	50	12810	3038	15848
21	2025	ALT1	EB	NT	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	26370	5999	32369	63	50	1401	319	1719
22	2025	ALT1	EB	NT	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	20754	3462	24217	64	50	5154	860	6013
23	2025	ALT1	EB	NT	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	17347	3028	20375	63	50	5320	929	6249
24	2025	ALT1	EB	NT	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	20695	3294	23989	63	50	4484	714	5197
25	2025	ALT1	EB	NT	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	21297	3333	24630	64	50	2998	469	3467
26	2025	ALT1	EB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	20715	3059	23774	64	50	26506	3914	30419
27	2025	ALT1	EB	NT	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	21191	3132	24323	64	50	19591	2896	22487
28	2025	ALT1	EB	NT	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	17513	2674	20187	64	50	10668	1629	12297
29	2025	ALT1	EB	NT	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	19972	2888	22860	64	50	7119	1029	8149
30	2025	ALT1	EB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	19490	2803	22293	64	50	12344	1775	14119
31	2025	ALT1	EB	NT	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	20162	2872	23034	64	50	9035	1287	10322
32	2025	ALT1	EB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	18553	2806	21359	64	50	9940	1503	11443
33	2025	ALT1	EB	NT	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	19725	2868	22593	64	50	9242	1344	10586
34	2025	ALT1	EB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	15970	2622	18592	64	50	10180	1672	11851
35	2025	ALT1	EB	NT	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	18156	2680	20836	64	50	5616	829	6445
36	2025	ALT1	EB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	18156	2680	20836	64	50	6728	993	7721
37	2025	ALT1	EB	NT	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	18156	2680	20836	64	50	9062	1338	10400
38	2025	ALT1	EB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	15425	2452	17877	64	50	13093	2081	15174
39	2025	ALT1	EB	NT	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	16831	2513	19344	64	50	13388	1999	15387
40	2025	ALT1	EB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	15480	2392	17872	64	50	8930	1380	10310
41	2025	ALT1	EB	NT	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	17271	2489	19760	64	50	3447	497	3943
42	2025	ALT1	EB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	15384	2400	17784	64	50	10149	1584	11732
43	2025	ALT1	EB	NT	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	16429	2433	18862	64	50	4281	634	4915
44	2025	ALT1	EB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	16429	2433	18862	64	50	6769	1003	7772
45	2025	ALT1	EB	NT	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	16855	2443	19298	64	50	3027	439	3466
46	2025	ALT1	EB	NT	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	15534	2327	17861	64	50	8223	1232	9455
47	2025	ALT1	EB	NT	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	16194	2349	18542	64	50	454	66	520
48	2025	ALT1	EB	NT	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	15169	2293	17461	64	50	9188	1389	10577
49	2025	ALT1	EB	NT	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	15741	2314	18055	64	50	762	112	874
50	2025	ALT1	EB	NT	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	14127	2141	16268	64	50	13306	2017	15323
51	2025	ALT1	EB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	21033	2855	23888	64	50	2305	313	2618
52	2025	ALT1	EB	NT	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	26611	3417	30028	64	50	3446	443	3888
53	2025	ALT1	EB	NT	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	23462	3133	26595	63	50	2550	341	2891
54	2025	ALT1	EB	NT	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	23349	3117	26466	63	50	14745	1968	16713
55	2025	ALT1	EB	NT	Mainline		Waterman Ave On-Ramp to An	24356	0.28	24602	3174	27776	63	50	6951	897	7847
56	2025	ALT1	EB	NT	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	21878	2966	24845	63	50	8841	1199	10039
57	2025	ALT1	EB	NT	Mainline		Anderson St On-Ramp to Mour	24003	0.21	22705	2976	25680	64	50	4724	619	5343
58	2025	ALT1	EB	NT	Mainline		Mountain View Ave Off-Ramp	23991	0.79	21006	2847	23853	64	50	16604	2250	18854
59	2025	ALT1	EB	NT	Mainline		Mountain View Ave On-Ramp t	24040	0.18	23265	2924	26189	64	50	4270	537	4807
60	2025	ALT1	EB	NT	Mainline		California St Off-Ramp to Califc	24075	0.84	21902	2771	24673	64	50	18431	2332	20763
61	2025	ALT1	EB	NT	Mainline		California St On-Ramp to Alaba	24046	0.18	22791	2797	25588	64	50	4006	492	4497
62	2025	ALT1	EB	NT	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	20370	2636	23006	64	50	7976	1032	9008
63	2025	ALT1	EB	NT	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	18033	2507	20540	64	50	3185	443	3628

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
64	2025	ALT1	EB	NT	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	15735	2346	18081	64	50	10121	1509	11631
65	2025	ALT1	EB	NT	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	16963	2378	19341	64	50	3366	472	3837
66	2025	ALT1	EB	NT	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	19785	2535	22320	64	50	1001	128	1129
67	2025	ALT1	EB	NT	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	17189	2403	19592	64	50	7405	1035	8440
68	2025	ALT1	EB	NT	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	18334	2432	20765	64	50	5449	723	6172
69	2025	ALT1	EB	NT	Mainline		University St Off-Ramp to Cypr	23724	0.80	15372	2346	17718	64	50	12228	1866	14095
70	2025	ALT1	EB	NT	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	15915	2354	18269	64	50	7286	1078	8363
71	2025	ALT1	EB	NT	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	14297	2316	16613	64	50	9294	1506	10800
72	2025	ALT1	EB	NT	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	15229	2331	17559	65	50	8984	1375	10359
73	2025	ALT1	EB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1317	72	1389	28	28	249	14	263
74	2025	ALT1	EB	NT	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1074	84	1159	19	19	139	11	150
75	2025	ALT1	EB	NT	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2001	131	2132	26	26	260	17	277
76	2025	ALT1	EB	NT	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2188	106	2294	18	18	410	20	430
77	2025	ALT1	EB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	2496	122	2618	25	25	404	20	423
78	2025	ALT1	EB	NT	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2459	142	2602	18	18	287	17	303
79	2025	ALT1	EB	NT	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3385	185	3570	23	23	496	27	523
80	2025	ALT1	EB	NT	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1655	83	1738	19	19	579	29	608
81	2025	ALT1	EB	NT	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	2714	181	2895	29	29	862	57	919
82	2025	ALT1	EB	NT	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	2149	75	2225	20	20	506	18	523
83	2025	ALT1	EB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1370	260	1630	29	29	139	26	166
84	2025	ALT1	EB	NT	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2025	76	2102	30	30	254	10	263
85	2025	ALT1	EB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	2449	221	2670	34	34	712	64	776
86	2025	ALT1	EB	NT	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	3907	411	4318	27	27	891	94	984
87	2025	ALT1	EB	NT	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	932	59	991	19	19	216	14	230
88	2025	ALT1	EB	NT	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	1836	327	2164	29	29	260	46	307
89	2025	ALT1	EB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1007	69	1076	19	19	123	8	131
90	2025	ALT1	EB	NT	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	734	146	880	19	19	205	41	246
91	2025	ALT1	EB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2214	350	2564	28	28	391	62	453
92	2025	ALT1	EB	NT	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2215	270	2485	17	17	429	52	481
93	2025	ALT1	EB	NT	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	5616	2536	8152	33	33	6234	2816	9050
94	2025	ALT1	EB	NT	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3408	434	3842	31	31	1966	250	2216
95	2025	ALT1	EB	NT	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	3348	266	3614	32	32	373	30	403
96	2025	ALT1	EB	NT	Ramp	ON	I-15 SB On-Ramp	23557	1.20	602	39	641	35	35	721	47	767
97	2025	ALT1	EB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	582	275	856	29	29	114	54	168
98	2025	ALT1	EB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	476	74	550	30	30	170	26	197
99	2025	ALT1	EB	NT	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	3679	458	4137	33	33	750	93	843
100	2025	ALT1	EB	NT	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2459	214	2673	29	29	758	66	824
101	2025	ALT1	EB	NT	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	482	85	567	35	35	166	29	195
102	2025	ALT1	EB	NT	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	672	69	741	30	30	198	20	219
103	2025	ALT1	EB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1609	66	1675	34	34	215	9	224
104	2025	ALT1	EB	NT	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1172	62	1234	20	20	314	17	331
105	2025	ALT1	EB	NT	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	3755	246	4001	28	28	440	29	469
106	2025	ALT1	EB	NT	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2186	58	2244	18	18	64	2	66
107	2025	ALT1	EB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2025	ALT1	EB	NT	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2025	ALT1	EB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2731	228	2959	29	29	499	42	541
110	2025	ALT1	EB	NT	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1406	61	1467	20	20	578	25	603
111	2025	ALT1	EB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1351	121	1472	34	34	169	15	185
112	2025	ALT1	EB	NT	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	1791	97	1888	20	20	540	29	570

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
113	2025	ALT1	EB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1887	89	1976	27	27	576	27	603
114	2025	ALT1	EB	NT	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1045	33	1078	19	19	382	12	394
115	2025	ALT1	EB	NT	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2025	ALT1	EB	NT	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	426	10	436	20	20	136	3	139
117	2025	ALT1	EB	NT	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1321	116	1437	28	28	328	29	356
118	2025	ALT1	EB	NT	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	660	21	681	20	20	187	6	193
119	2025	ALT1	EB	NT	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1025	56	1081	28	28	431	23	454
120	2025	ALT1	EB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	573	21	594	20	20	149	5	154
121	2025	ALT1	EB	NT	Ramp	OFF	I-215 Off-Ramp	24444	0.24	1615	172	1787	35	35	380	41	420
122	2025	ALT1	EB	NT	Ramp	ON	I-215 NB On-Ramp	24630	0.87	6906	714	7620	33	33	6001	621	6622
123	2025	ALT1	EB	NT	Ramp	ON	I-215 SB On-Ramp	24516	0.76	5578	562	6140	33	33	4229	426	4655
124	2025	ALT1	EB	NT	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3149	284	3433	21	21	286	26	312
125	2025	ALT1	EB	NT	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	113	16	129	30	30	28	4	32
126	2025	ALT1	EB	NT	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1254	57	1311	19	19	174	8	182
127	2025	ALT1	EB	NT	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2724	208	2932	23	23	686	52	738
128	2025	ALT1	EB	NT	Ramp	ON	Anderson St On-Ramp	2668189	0.10	826	9	836	19	19	85	1	86
129	2025	ALT1	EB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	1699	129	1827	32	32	499	38	537
130	2025	ALT1	EB	NT	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	2259	77	2336	30	30	515	18	532
131	2025	ALT1	EB	NT	Ramp	OFF	California St Off-Ramp	94801	0.46	1363	153	1516	33	33	620	70	690
132	2025	ALT1	EB	NT	Ramp	ON	California St On-Ramp	95942	0.39	889	26	915	30	30	344	10	354
133	2025	ALT1	EB	NT	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2421	161	2582	31	31	1050	70	1120
134	2025	ALT1	EB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2336	129	2465	30	30	1932	107	2039
135	2025	ALT1	EB	NT	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2298	161	2459	31	31	789	55	844
136	2025	ALT1	EB	NT	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1228	31	1260	19	19	130	3	133
137	2025	ALT1	EB	NT	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	2822	157	2979	30	30	2995	167	3162
138	2025	ALT1	EB	NT	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2596	131	2728	25	25	231	12	243
139	2025	ALT1	EB	NT	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1145	28	1173	19	19	339	8	348
140	2025	ALT1	EB	NT	Ramp	OFF	University St Off-Ramp	94695	0.28	2962	85	3048	24	24	828	24	852
141	2025	ALT1	EB	NT	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	544	8	551	30	30	164	2	167
142	2025	ALT1	EB	NT	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1619	38	1656	33	33	445	10	455
143	2025	ALT1	EB	NT	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	932	15	947	30	30	351	5	357
144	2025	ALT1	EB	NT	HOV		LA County Line to Monte Vista	2779145	0.26	3359		3359	61	50	861		861
145	2025	ALT1	EB	NT	HOV		Monte Vista Ave Off-Ramp to M	2779145	0.68	3359		3359	61	50	2272		2272
146	2025	ALT1	EB	NT	HOV		Monte Vista Ave/Palo Verde St	2779145	0.03	3359		3359	61	50	98		98
147	2025	ALT1	EB	NT	HOV		Central Ave Off-Ramp to Centr	2779145	0.57	3359		3359	61	50	1921		1921
148	2025	ALT1	EB	NT	HOV		Central Ave On-Ramp to Moun	2779145	0.21	3359		3359	61	50	699		699
149	2025	ALT1	EB	NT	HOV		Mountain Ave Off-Ramp to Mc	2779147	0.34	3664		3664	61	50	1256		1256
150	2025	ALT1	EB	NT	HOV		Mountain Ave On-Ramp to Euc	2779147	0.48	3664		3664	61	50	1751		1751
151	2025	ALT1	EB	NT	HOV		Euclid Ave Off-Ramp to Euclid /	2779147	0.65	3664		3664	61	50	2365		2365
152	2025	ALT1	EB	NT	HOV		Euclid Ave On-Ramp to San Ber	2779147	0.51	3664		3664	61	50	1876		1876
153	2025	ALT1	EB	NT	HOV		San Bernardino Ave/4th St Off-	2779157	0.17	4789		4789	61	50	824		824
154	2025	ALT1	EB	NT	HOV		San Bernardino Ave/4th St On-	2779157	0.33	4789		4789	61	50	1576		1576
155	2025	ALT1	EB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2779157	0.24	4789		4789	61	50	1171		1171
156	2025	ALT1	EB	NT	HOV		Vineyard Ave On-Ramp to Arch	2779157	0.19	4789		4789	61	50	921		921
157	2025	ALT1	EB	NT	HOV		Archibald Ave Off-Ramp to Hol	2779157	0.34	4789		4789	61	50	1621		1621
158	2025	ALT1	EB	NT	HOV		Holt Blvd On-Ramp to Archibal	2779157	0.39	4789		4789	61	50	1868		1868
159	2025	ALT1	EB	NT	HOV		Archibald Ave On-Ramp to Hav	2779161	0.22	5420		5420	57	50	1210		1210
160	2025	ALT1	EB	NT	HOV		Haven Ave Off-Ramp to Haven	2779161	0.42	5420		5420	57	50	2255		2255
161	2025	ALT1	EB	NT	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			

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Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
162	2025	ALT1	EB	NT	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2025	ALT1	EB	NT	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2025	ALT1	EB	NT	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2025	ALT1	EB	NT	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2025	ALT1	EB	NT	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2025	ALT1	EB	NT	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2025	ALT1	EB	NT	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2025	ALT1	EB	NT	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2025	ALT1	EB	NT	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2025	ALT1	EB	NT	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2025	ALT1	EB	NT	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citru							50			
173	2025	ALT1	EB	NT	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2025	ALT1	EB	NT	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2025	ALT1	EB	NT	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2025	ALT1	EB	NT	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2025	ALT1	EB	NT	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2025	ALT1	EB	NT	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2025	ALT1	EB	NT	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2025	ALT1	EB	NT	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2025	ALT1	EB	NT	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2025	ALT1	EB	NT	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2025	ALT1	EB	NT	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2025	ALT1	EB	NT	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2025	ALT1	EB	NT	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2025	ALT1	EB	NT	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2025	ALT1	EB	NT	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2025	ALT1	EB	NT	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2025	ALT1	EB	NT	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th							50			
190	2025	ALT1	EB	NT	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2025	ALT1	EB	NT	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2025	ALT1	EB	NT	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2025	ALT1	EB	NT	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2025	ALT1	EB	NT	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2025	ALT1	EB	NT	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2025	ALT1	EB	NT	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Ran							50			
197	2025	ALT1	EB	NT	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2025	ALT1	EB	NT	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2025	ALT1	EB	NT	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2025	ALT1	EB	NT	HOV		Anderson St On-Ramp to Mountain View Ave Off-F							50			
201	2025	ALT1	EB	NT	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2025	ALT1	EB	NT	HOV		Mountain View Ave On-Ramp to California St Off-F							50			
203	2025	ALT1	EB	NT	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2025	ALT1	EB	NT	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2025	ALT1	EB	NT	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2025	ALT1	EB	NT	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2025	ALT1	EB	NT	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2025	ALT1	EB	NT	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2025	ALT1	EB	NT	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2025	ALT1	EB	NT	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Ran							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
211	2025	ALT1	EB	NT	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2025	ALT1	EB	NT	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2025	ALT1	EB	NT	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2025	ALT1	EB	NT	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2025	ALT1	EB	NT	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
216	2025	ALT1	WB	AM	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	22891	1320	24211	57	50	9206	531	9737
217	2025	ALT1	WB	AM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	21221	1307	22528	54	50	16578	1021	17600
218	2025	ALT1	WB	AM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	23859	1331	25189	57	50	11889	663	12552
219	2025	ALT1	WB	AM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	23322	1326	24648	47	47	17470	993	18463
220	2025	ALT1	WB	AM	Mainline		University St On-Ramp to 6th S	23726	0.38	25522	1347	26870	53	50	9684	511	10195
221	2025	ALT1	WB	AM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	24157	1332	25489	46	46	8688	479	9167
222	2025	ALT1	WB	AM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	25879	1363	27242	52	50	9694	511	10205
223	2025	ALT1	WB	AM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	27073	1389	28462	49	49	4669	239	4908
224	2025	ALT1	WB	AM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	21772	867	22639	53	50	5803	231	6034
225	2025	ALT1	WB	AM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	21083	862	21946	54	50	3679	150	3829
226	2025	ALT1	WB	AM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	20200	854	21054	59	50	15814	668	16483
227	2025	ALT1	WB	AM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	23036	881	23917	60	50	6013	230	6243
228	2025	ALT1	WB	AM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	26800	986	27785	60	50	3260	120	3380
229	2025	ALT1	WB	AM	Mainline		California St Off-Ramp to Califc	24044	0.86	24968	971	25939	52	50	21521	837	22359
230	2025	ALT1	WB	AM	Mainline		California St On-Ramp to Mour	24077	0.19	26111	1026	27137	57	50	5025	197	5222
231	2025	ALT1	WB	AM	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	23899	1001	24900	54	50	5318	223	5540
232	2025	ALT1	WB	AM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	25749	1059	26808	57	50	5323	219	5542
233	2025	ALT1	WB	AM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	24170	1054	25225	45	45	18310	799	19109
234	2025	ALT1	WB	AM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	25461	1085	26546	52	50	2839	121	2960
235	2025	ALT1	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	23709	1061	24769	46	46	11282	505	11786
236	2025	ALT1	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	24662	1131	25794	53	50	6949	319	7268
237	2025	ALT1	WB	AM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	15127	801	15928	59	50	10628	563	11190
238	2025	ALT1	WB	AM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	16095	830	16925	58	50	3368	174	3542
239	2025	ALT1	WB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	16533	838	17371	58	50	3025	153	3178
240	2025	ALT1	WB	AM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	20518	937	21455	58	50	3801	174	3974
241	2025	ALT1	WB	AM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	19279	923	20201	56	50	14004	670	14674
242	2025	ALT1	WB	AM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	20524	958	21482	59	50	951	44	995
243	2025	ALT1	WB	AM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	19415	947	20363	56	50	12028	587	12615
244	2025	ALT1	WB	AM	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	20130	971	21101	59	50	1773	86	1859
245	2025	ALT1	WB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	18923	956	19879	56	50	11054	558	11612
246	2025	ALT1	WB	AM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	20296	985	21281	59	50	8456	410	8867
247	2025	ALT1	WB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	19050	963	20013	56	50	11328	572	11901
248	2025	ALT1	WB	AM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	20343	981	21324	59	50	3463	167	3630
249	2025	ALT1	WB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	18483	947	19430	60	50	10908	559	11467
250	2025	ALT1	WB	AM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	20764	1026	21791	58	50	17704	875	18579
251	2025	ALT1	WB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	19003	979	19982	56	50	13806	711	14517
252	2025	ALT1	WB	AM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	21565	1035	22600	58	50	11298	542	11840
253	2025	ALT1	WB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	21565	1035	22600	58	50	8091	388	8479
254	2025	ALT1	WB	AM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	21565	1035	22600	58	50	7800	374	8174
255	2025	ALT1	WB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	19554	1012	20566	56	50	13491	698	14189
256	2025	ALT1	WB	AM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	21576	1048	22624	58	50	8408	408	8816
257	2025	ALT1	WB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	20357	1015	21372	55	50	10973	547	11520
258	2025	ALT1	WB	AM	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	23677	1097	24774	59	50	9902	459	10361
259	2025	ALT1	WB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	22860	1072	23933	60	50	14415	676	15092

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
260	2025	ALT1	WB	AM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	24842	1131	25973	58	50	9799	446	10244
261	2025	ALT1	WB	AM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	22158	1048	23205	56	50	12196	577	12773
262	2025	ALT1	WB	AM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	25567	1193	26760	57	50	32417	1513	33931
263	2025	ALT1	WB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	24207	1144	25351	53	50	16438	777	17215
264	2025	ALT1	WB	AM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	25190	1266	26456	40	40	6557	330	6886
265	2025	ALT1	WB	AM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	25708	1331	27039	50	50	3421	177	3598
266	2025	ALT1	WB	AM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	21103	1214	22316	51	50	11971	688	12660
267	2025	ALT1	WB	AM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	27612	1697	29309	45	45	3671	226	3897
268	2025	ALT1	WB	AM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	30722	1938	32660	57	50	634	40	674
269	2025	ALT1	WB	AM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	28150	1870	30020	42	42	16338	1085	17423
270	2025	ALT1	WB	AM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	29118	2031	31148	37	37	7269	507	7776
271	2025	ALT1	WB	AM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	22742	1969	24711	45	45	9353	810	10162
272	2025	ALT1	WB	AM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	23590	2056	25646	42	42	6811	594	7404
273	2025	ALT1	WB	AM	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	24236	2107	26343	51	50	6625	576	7200
274	2025	ALT1	WB	AM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	23161	2089	25249	53	50	7515	678	8193
275	2025	ALT1	WB	AM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	19519	1956	21475	58	50	12212	1223	13435
276	2025	ALT1	WB	AM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	20908	2038	22946	60	50	3199	312	3511
277	2025	ALT1	WB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	19672	2011	21683	58	50	7113	727	7840
278	2025	ALT1	WB	AM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	20167	2117	22284	57	50	3838	403	4241
279	2025	ALT1	WB	AM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	20931	2127	23059	51	50	7617	774	8391
280	2025	ALT1	WB	AM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	19201	2088	21289	54	50	7460	811	8271
281	2025	ALT1	WB	AM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	22625	2202	24827	47	47	5861	570	6432
282	2025	ALT1	WB	AM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	21059	2164	23223	51	50	8390	862	9252
283	2025	ALT1	WB	AM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	22796	2193	24989	47	47	8186	788	8974
284	2025	ALT1	WB	AM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	24730	2219	26949	40	40	10459	938	11398
285	2025	ALT1	WB	AM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	22853	2060	24913	47	47	7460	672	8132
286	2025	ALT1	WB	AM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	24927	2088	27014	40	40	6840	573	7413
287	2025	ALT1	WB	AM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	22426	1997	24423	48	48	11806	1051	12858
288	2025	ALT1	WB	AM	Mainline		Central Ave On-Ramp to Monte	23492	0.05	24506	2039	26545	53	50	1237	103	1339
289	2025	ALT1	WB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	23570	1993	25563	45	45	13199	1116	14315
290	2025	ALT1	WB	AM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1670	13	1683	33	33	898	7	905
291	2025	ALT1	WB	AM	Ramp	ON	Ford St On-Ramp	94684	0.23	2638	23	2661	23	23	595	5	601
292	2025	ALT1	WB	AM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	537	4	541	32	32	149	1	150
293	2025	ALT1	WB	AM	Ramp	ON	University St On-Ramp	94674	0.21	2201	21	2222	10	10	465	4	470
294	2025	ALT1	WB	AM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1365	15	1380	20	20	361	4	365
295	2025	ALT1	WB	AM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	1722	31	1753	13	13	332	6	338
296	2025	ALT1	WB	AM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1194	25	1220	16	16	187	4	191
297	2025	ALT1	WB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	5301	521	5823	26	26	4583	451	5034
298	2025	ALT1	WB	AM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	688	5	693	26	26	46	0	47
299	2025	ALT1	WB	AM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	883	8	891	30	30	319	3	322
300	2025	ALT1	WB	AM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	2836	27	2862	29	29	2828	27	2855
301	2025	ALT1	WB	AM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	3764	105	3869	17	17	450	13	462
302	2025	ALT1	WB	AM	Ramp	OFF	California St Off-Ramp	94793	0.13	1832	14	1846	21	21	237	2	239
303	2025	ALT1	WB	AM	Ramp	ON	California St On-Ramp	2676730	0.11	1143	54	1197	28	28	131	6	137
304	2025	ALT1	WB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2212	25	2237	15	15	258	3	261
305	2025	ALT1	WB	AM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	1850	58	1908	26	26	252	8	260
306	2025	ALT1	WB	AM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1579	4	1583	16	16	343	1	344
307	2025	ALT1	WB	AM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	1290	31	1321	15	15	160	4	163
308	2025	ALT1	WB	AM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1752	24	1776	13	13	427	6	433

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
309	2025	ALT1	WB	AM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	953	71	1024	16	16	126	9	135
310	2025	ALT1	WB	AM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	9536	330	9866	26	26	1674	58	1732
311	2025	ALT1	WB	AM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	968	29	998	16	16	320	10	329
312	2025	ALT1	WB	AM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	438	8	446	24	24	232	4	237
313	2025	ALT1	WB	AM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	3985	99	4083	31	31	1708	42	1750
314	2025	ALT1	WB	AM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1239	14	1253	22	22	299	3	302
315	2025	ALT1	WB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1245	36	1281	19	19	327	9	337
316	2025	ALT1	WB	AM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1108	11	1119	23	23	236	2	239
317	2025	ALT1	WB	AM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	714	24	738	18	18	224	7	231
318	2025	ALT1	WB	AM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1207	15	1222	22	22	323	4	327
319	2025	ALT1	WB	AM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1373	29	1402	19	19	437	9	447
320	2025	ALT1	WB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1246	22	1268	21	21	223	4	227
321	2025	ALT1	WB	AM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1293	19	1311	16	16	438	6	445
322	2025	ALT1	WB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	1860	34	1894	15	15	198	4	202
323	2025	ALT1	WB	AM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2281	79	2361	28	28	712	25	737
324	2025	ALT1	WB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1762	47	1809	27	27	230	6	237
325	2025	ALT1	WB	AM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2562	56	2618	17	17	1054	23	1077
326	2025	ALT1	WB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2025	ALT1	WB	AM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2025	ALT1	WB	AM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2011	23	2034	26	26	233	3	236
329	2025	ALT1	WB	AM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2023	36	2058	18	18	495	9	504
330	2025	ALT1	WB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1219	33	1252	28	28	132	4	135
331	2025	ALT1	WB	AM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3319	82	3402	27	27	992	25	1017
332	2025	ALT1	WB	AM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	816	25	841	34	34	239	7	246
333	2025	ALT1	WB	AM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1982	58	2040	28	28	684	20	704
334	2025	ALT1	WB	AM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	2685	83	2768	30	30	347	11	358
335	2025	ALT1	WB	AM	Ramp	ON	Cherry On-Ramp	95966	0.28	3409	146	3555	27	27	954	41	995
336	2025	ALT1	WB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1360	50	1409	26	26	689	25	714
337	2025	ALT1	WB	AM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	983	122	1105	31	31	189	24	213
338	2025	ALT1	WB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	518	65	583	29	29	190	24	214
339	2025	ALT1	WB	AM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	4605	118	4723	43	43	1297	33	1331
340	2025	ALT1	WB	AM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6509	484	6993	25	25	4096	304	4400
341	2025	ALT1	WB	AM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	3111	241	3351	21	21	3119	241	3360
342	2025	ALT1	WB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	2572	68	2640	23	23	518	14	531
343	2025	ALT1	WB	AM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	967	161	1128	15	15	171	28	199
344	2025	ALT1	WB	AM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2410	62	2472	24	24	422	11	433
345	2025	ALT1	WB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	848	87	936	17	17	81	8	89
346	2025	ALT1	WB	AM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	714	51	765	17	17	139	10	149
347	2025	ALT1	WB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1591	19	1610	15	15	289	3	292
348	2025	ALT1	WB	AM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	3641	133	3774	26	26	2098	77	2175
349	2025	ALT1	WB	AM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	1389	82	1471	27	27	254	15	269
350	2025	ALT1	WB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	1236	27	1263	33	33	397	9	406
351	2025	ALT1	WB	AM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	578	106	684	18	18	92	17	109
352	2025	ALT1	WB	AM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	764	11	775	19	19	155	2	158
353	2025	ALT1	WB	AM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	1730	39	1769	27	27	438	10	448
354	2025	ALT1	WB	AM	Ramp	ON	4th St On-Ramp	2731498	0.26	3424	113	3538	13	13	882	29	911
355	2025	ALT1	WB	AM	Ramp	OFF	7th St Off-Ramp	94628	0.20	1204	37	1242	22	22	244	8	252
356	2025	ALT1	WB	AM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1737	29	1765	13	13	414	7	421
357	2025	ALT1	WB	AM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	1934	26	1960	12	12	731	10	741

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
358	2025	ALT1	WB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	1877	159	2036	12	12	261	22	283
359	2025	ALT1	WB	AM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2073	28	2101	11	11	421	6	427
360	2025	ALT1	WB	AM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	1796	91	1887	15	15	240	12	252
361	2025	ALT1	WB	AM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2080	43	2123	10	10	252	5	257
362	2025	ALT1	WB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	936	46	982	24	24	212	10	222
363	2025	ALT1	WB	AM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1683	24	1707	14	14	556	8	564
364	2025	ALT1	WB	AM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2025	ALT1	WB	AM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2025	ALT1	WB	AM	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2025	ALT1	WB	AM	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2025	ALT1	WB	AM	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2025	ALT1	WB	AM	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2025	ALT1	WB	AM	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2025	ALT1	WB	AM	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2025	ALT1	WB	AM	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2025	ALT1	WB	AM	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2025	ALT1	WB	AM	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2025	ALT1	WB	AM	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2025	ALT1	WB	AM	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2025	ALT1	WB	AM	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2025	ALT1	WB	AM	HOV		California St On-Ramp to Mountain View Ave Off-F							50			
379	2025	ALT1	WB	AM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2025	ALT1	WB	AM	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2025	ALT1	WB	AM	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-F							50			
382	2025	ALT1	WB	AM	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2025	ALT1	WB	AM	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2025	ALT1	WB	AM	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2025	ALT1	WB	AM	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2025	ALT1	WB	AM	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2025	ALT1	WB	AM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2025	ALT1	WB	AM	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2025	ALT1	WB	AM	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2025	ALT1	WB	AM	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2025	ALT1	WB	AM	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2025	ALT1	WB	AM	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2025	ALT1	WB	AM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2025	ALT1	WB	AM	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2025	ALT1	WB	AM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2025	ALT1	WB	AM	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2025	ALT1	WB	AM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2025	ALT1	WB	AM	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2025	ALT1	WB	AM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2025	ALT1	WB	AM	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2025	ALT1	WB	AM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2025	ALT1	WB	AM	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2025	ALT1	WB	AM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2025	ALT1	WB	AM	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2025	ALT1	WB	AM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2025	ALT1	WB	AM	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
407	2025	ALT1	WB	AM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2025	ALT1	WB	AM	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2025	ALT1	WB	AM	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2025	ALT1	WB	AM	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2025	ALT1	WB	AM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2025	ALT1	WB	AM	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2025	ALT1	WB	AM	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2025	ALT1	WB	AM	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2025	ALT1	WB	AM	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2025	ALT1	WB	AM	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2025	ALT1	WB	AM	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2025	ALT1	WB	AM	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2025	ALT1	WB	AM	HOV		Haven Ave Off-Ramp to Haven	2779162	0.41	3966		3966	42	42	2777		2777
420	2025	ALT1	WB	AM	HOV		Haven Ave Loop On-Ramp to H	2779162	0.29	3966		3966	42	42	2777		2777
421	2025	ALT1	WB	AM	HOV		Haven Ave On-Ramp to Archib	2779159	0.27	4035		4035	42	42	1108		1108
422	2025	ALT1	WB	AM	HOV		Archibald Ave Off-Ramp to Hol	2779158	0.32	2999		2999	49	49	1705		1705
423	2025	ALT1	WB	AM	HOV		Holt Blvd Off-Ramp to Archibal	2779158	0.63	2999		2999	49	49	1705		1705
424	2025	ALT1	WB	AM	HOV		Archibald Ave On-Ramp to Vine	2779158	0.15	2999		2999	49	49	1705		1705
425	2025	ALT1	WB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2779158	0.36	2999		2999	49	49	1705		1705
426	2025	ALT1	WB	AM	HOV		Vineyard Ave Loop On-Ramp to	2779155	0.19	3601		3601	47	47	1993		1993
427	2025	ALT1	WB	AM	HOV		Vineyard Ave On-Ramp to 4th	2779155	0.36	3601		3601	47	47	1993		1993
428	2025	ALT1	WB	AM	HOV		4th St Off-Ramp to 4th St On-R	2779155	0.39	3601		3601	47	47	1993		1993
429	2025	ALT1	WB	AM	HOV		4th St On-Ramp to 7th St Off-R	2779155	0.26	3601		3601	47	47	1993		1993
430	2025	ALT1	WB	AM	HOV		7th St Off-Ramp to Euclid Ave	2779151	0.40	3963		3963	45	45	1903		1903
431	2025	ALT1	WB	AM	HOV		Euclid Ave Loop On-Ramp to E	2779151	0.36	3963		3963	45	45	1903		1903
432	2025	ALT1	WB	AM	HOV		Euclid Ave On-Ramp to Mounta	2779151	0.42	3963		3963	45	45	1903		1903
433	2025	ALT1	WB	AM	HOV		Mountain Ave Off-Ramp to Mo	2779151	0.33	3963		3963	45	45	1903		1903
434	2025	ALT1	WB	AM	HOV		Mountain Ave On-Ramp to Cer	2779151	0.27	3963		3963	45	45	1903		1903
435	2025	ALT1	WB	AM	HOV		Central Ave Off-Ramp to Centr	2779146	0.53	4667		4667	40	40	1173		1173
436	2025	ALT1	WB	AM	HOV		Central Ave On-Ramp to Mont	2779146	0.05	4667		4667	40	40	1173		1173
437	2025	ALT1	WB	AM	HOV		Monte Vista Ave Off-Ramp to M	2779146	0.56	4667		4667	40	40	1173		1173
216	2025	ALT1	WB	MD	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	28771	3132	31903	62	50	11570	1260	12830
217	2025	ALT1	WB	MD	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	27169	3109	30278	61	50	21225	2429	23654
218	2025	ALT1	WB	MD	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	30447	3176	33622	62	50	15172	1582	16755
219	2025	ALT1	WB	MD	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	29640	3163	32804	59	50	22203	2370	24572
220	2025	ALT1	WB	MD	Mainline		University St On-Ramp to 6th S	23726	0.38	33412	3251	36662	60	50	12677	1233	13910
221	2025	ALT1	WB	MD	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	31481	3205	34686	58	50	11322	1153	12474
222	2025	ALT1	WB	MD	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	35190	3276	38466	60	50	13182	1227	14409
223	2025	ALT1	WB	MD	Mainline		Orange St On-Ramp to SR-210	24215	0.17	37061	3366	40428	59	50	6391	580	6972
224	2025	ALT1	WB	MD	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	28330	2130	30460	60	50	7551	568	8118
225	2025	ALT1	WB	MD	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	27145	2113	29258	60	50	4737	369	5105
226	2025	ALT1	WB	MD	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	26203	2097	28300	62	50	20514	1641	22155
227	2025	ALT1	WB	MD	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	29523	2178	31700	63	50	7707	569	8275
228	2025	ALT1	WB	MD	Mainline		Alabama St On-Ramp to Califor	24057	0.12	36697	2450	39146	63	50	4465	298	4763
229	2025	ALT1	WB	MD	Mainline		California St Off-Ramp to Califo	24044	0.86	35171	2418	37589	60	50	30316	2084	32400
230	2025	ALT1	WB	MD	Mainline		California St On-Ramp to Mour	24077	0.19	38060	2561	40621	61	50	7324	493	7817
231	2025	ALT1	WB	MD	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	35111	2489	37600	60	50	7812	554	8366
232	2025	ALT1	WB	MD	Mainline		Mountain View Ave On-Ramp t	23990	0.21	39049	2665	41714	61	50	8072	551	8623
233	2025	ALT1	WB	MD	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	37222	2647	39869	55	50	28197	2005	30202

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Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
234	2025	ALT1	WB	MD	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	40513	2747	43260	57	50	4518	306	4824
235	2025	ALT1	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	38062	2672	40734	54	50	18111	1272	19383
236	2025	ALT1	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	40772	2826	43598	57	50	11489	796	12285
237	2025	ALT1	WB	MD	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	24326	1780	26106	61	50	17091	1251	18342
238	2025	ALT1	WB	MD	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	26443	1861	28304	60	50	5533	389	5923
239	2025	ALT1	WB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	27038	1881	28920	60	50	4946	344	5291
240	2025	ALT1	WB	MD	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	34293	2124	36417	60	50	6353	393	6746
241	2025	ALT1	WB	MD	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	31981	2085	34066	59	50	23230	1515	24745
242	2025	ALT1	WB	MD	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	34572	2188	36760	60	50	1602	101	1703
243	2025	ALT1	WB	MD	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	32295	2159	34454	59	50	20006	1338	21344
244	2025	ALT1	WB	MD	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	33583	2218	35801	61	50	2959	195	3154
245	2025	ALT1	WB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	31888	2187	34075	59	50	18628	1278	19905
246	2025	ALT1	WB	MD	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	33796	2259	36056	61	50	14081	941	15023
247	2025	ALT1	WB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	31194	2209	33403	59	50	18550	1314	19864
248	2025	ALT1	WB	MD	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	33139	2269	35408	61	50	5642	386	6028
249	2025	ALT1	WB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	29906	2165	32071	62	50	17650	1278	18928
250	2025	ALT1	WB	MD	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	33615	2375	35990	61	50	28661	2025	30687
251	2025	ALT1	WB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	29849	2263	32112	60	50	21686	1644	23330
252	2025	ALT1	WB	MD	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	33179	2427	35606	61	50	17382	1272	18654
253	2025	ALT1	WB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	33179	2427	35606	61	50	12449	911	13359
254	2025	ALT1	WB	MD	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	33179	2427	35606	61	50	12001	878	12878
255	2025	ALT1	WB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	29532	2363	31895	60	50	20375	1630	22005
256	2025	ALT1	WB	MD	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	32858	2466	35324	61	50	12805	961	13765
257	2025	ALT1	WB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	30651	2388	33039	59	50	16522	1287	17809
258	2025	ALT1	WB	MD	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	34728	2588	37316	62	50	14524	1082	15606
259	2025	ALT1	WB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	33498	2518	36016	62	50	21123	1588	22711
260	2025	ALT1	WB	MD	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	36400	2692	39092	62	50	14357	1062	15419
261	2025	ALT1	WB	MD	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	33211	2513	35724	61	50	18281	1383	19664
262	2025	ALT1	WB	MD	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	37806	2935	40741	61	50	47936	3722	51658
263	2025	ALT1	WB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	35622	2801	38424	60	50	24190	1902	26092
264	2025	ALT1	WB	MD	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	37967	3276	41243	54	50	9883	853	10735
265	2025	ALT1	WB	MD	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	38869	3452	42321	58	50	5172	459	5632
266	2025	ALT1	WB	MD	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	31353	3060	34413	57	50	17786	1736	19522
267	2025	ALT1	WB	MD	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	40399	4244	44644	56	50	5372	564	5936
268	2025	ALT1	WB	MD	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	45760	5289	51050	61	50	945	109	1054
269	2025	ALT1	WB	MD	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	42426	5119	47544	55	50	24623	2971	27594
270	2025	ALT1	WB	MD	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	45896	5412	51308	52	50	11457	1351	12808
271	2025	ALT1	WB	MD	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	33672	5241	38913	55	50	13848	2155	16003
272	2025	ALT1	WB	MD	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	35518	5476	40994	53	50	10254	1581	11835
273	2025	ALT1	WB	MD	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	37150	5626	42776	57	50	10155	1538	11692
274	2025	ALT1	WB	MD	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	35937	5570	41507	58	50	11661	1807	13468
275	2025	ALT1	WB	MD	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	30714	5193	35907	60	50	19215	3249	22464
276	2025	ALT1	WB	MD	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	33782	5419	39201	62	50	5169	829	5998
277	2025	ALT1	WB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	31303	5339	36642	60	50	11318	1930	13249
278	2025	ALT1	WB	MD	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	33396	5622	39018	59	50	6356	1070	7425
279	2025	ALT1	WB	MD	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	35356	5650	41006	55	50	12866	2056	14921
280	2025	ALT1	WB	MD	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	31296	5536	36832	57	50	12159	2151	14310
281	2025	ALT1	WB	MD	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	36763	5957	42720	54	50	9524	1543	11067
282	2025	ALT1	WB	MD	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	33618	5851	39469	56	50	13394	2331	15725

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
283	2025	ALT1	WB	MD	Mainline		Euclid Ave Loop On-Ramp to E	1658013	0.36	35817	5929	41745	54	50	12862	2129	14991
284	2025	ALT1	WB	MD	Mainline		Euclid Ave On-Ramp to Mount	23434	0.42	39024	6013	45036	52	50	16504	2543	19047
285	2025	ALT1	WB	MD	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	35758	5837	41595	54	50	11672	1905	13577
286	2025	ALT1	WB	MD	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	39004	5958	44962	52	50	10703	1635	12338
287	2025	ALT1	WB	MD	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	33801	5830	39630	56	50	17795	3069	20864
288	2025	ALT1	WB	MD	Mainline		Central Ave On-Ramp to Mont	23492	0.05	37937	5952	43889	58	50	1914	300	2215
289	2025	ALT1	WB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	36282	5820	42102	54	50	20317	3259	23576
290	2025	ALT1	WB	MD	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1602	23	1625	34	34	861	13	874
291	2025	ALT1	WB	MD	Ramp	ON	Ford St On-Ramp	94684	0.23	3278	67	3344	26	26	740	15	755
292	2025	ALT1	WB	MD	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	806	12	819	33	33	224	3	227
293	2025	ALT1	WB	MD	Ramp	ON	University St On-Ramp	94674	0.21	3772	87	3859	12	12	797	18	816
294	2025	ALT1	WB	MD	Ramp	OFF	6th St Off-Ramp	94690	0.26	1930	46	1976	24	24	511	12	523
295	2025	ALT1	WB	MD	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3708	71	3780	12	12	715	14	729
296	2025	ALT1	WB	MD	Ramp	ON	Orange St On-Ramp	2676749	0.16	1872	90	1962	17	17	294	14	308
297	2025	ALT1	WB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	8732	1236	9967	27	27	7549	1068	8617
298	2025	ALT1	WB	MD	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	1185	18	1203	27	27	80	1	81
299	2025	ALT1	WB	MD	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	942	16	958	33	33	341	6	346
300	2025	ALT1	WB	MD	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	3319	81	3401	30	30	3311	81	3392
301	2025	ALT1	WB	MD	Ramp	ON	Alabama St On-Ramp	2676731	0.12	7174	272	7446	18	18	857	32	889
302	2025	ALT1	WB	MD	Ramp	OFF	California St Off-Ramp	94793	0.13	1525	32	1557	31	31	197	4	201
303	2025	ALT1	WB	MD	Ramp	ON	California St On-Ramp	2676730	0.11	2889	144	3032	27	27	331	16	347
304	2025	ALT1	WB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2950	72	3022	25	25	344	8	352
305	2025	ALT1	WB	MD	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	3939	176	4114	25	25	537	24	561
306	2025	ALT1	WB	MD	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1827	18	1845	23	23	397	4	401
307	2025	ALT1	WB	MD	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3292	100	3391	12	12	407	12	419
308	2025	ALT1	WB	MD	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	2452	74	2526	19	19	598	18	616
309	2025	ALT1	WB	MD	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	2710	154	2864	14	14	357	20	377
310	2025	ALT1	WB	MD	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	16446	1046	17491	31	31	2887	184	3070
311	2025	ALT1	WB	MD	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2117	80	2197	16	16	699	26	725
312	2025	ALT1	WB	MD	Ramp	ON	I-215 NB On-Ramp	24504	0.53	595	21	616	25	25	316	11	327
313	2025	ALT1	WB	MD	Ramp	ON	I-215 SB On-Ramp	24517	0.43	7255	243	7497	31	31	3109	104	3213
314	2025	ALT1	WB	MD	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2312	39	2350	22	22	558	9	567
315	2025	ALT1	WB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2591	103	2694	19	19	681	27	708
316	2025	ALT1	WB	MD	Ramp	OFF	9th St Off-Ramp	94928	0.21	2277	29	2306	23	23	486	6	492
317	2025	ALT1	WB	MD	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1288	59	1347	18	18	403	18	422
318	2025	ALT1	WB	MD	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1695	31	1726	25	25	454	8	462
319	2025	ALT1	WB	MD	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1909	72	1981	19	19	608	23	631
320	2025	ALT1	WB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2602	50	2652	21	21	467	9	476
321	2025	ALT1	WB	MD	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1945	60	2004	17	17	659	20	680
322	2025	ALT1	WB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	3233	104	3337	17	17	345	11	356
323	2025	ALT1	WB	MD	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	3709	210	3919	29	29	1158	66	1224
324	2025	ALT1	WB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	3766	113	3879	27	27	492	15	507
325	2025	ALT1	WB	MD	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3330	164	3494	18	18	1370	68	1437
326	2025	ALT1	WB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2025	ALT1	WB	MD	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2025	ALT1	WB	MD	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3647	64	3711	27	27	423	7	430
329	2025	ALT1	WB	MD	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	3326	103	3429	18	18	814	25	840
330	2025	ALT1	WB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2207	77	2285	28	28	239	8	247
331	2025	ALT1	WB	MD	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	4077	199	4277	28	28	1219	60	1279

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
332	2025	ALT1	WB	MD	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1230	70	1300	34	34	360	20	380
333	2025	ALT1	WB	MD	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2902	174	3076	29	29	1002	60	1062
334	2025	ALT1	WB	MD	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3189	180	3368	33	33	413	23	436
335	2025	ALT1	WB	MD	Ramp	ON	Cherry On-Ramp	95966	0.28	4594	422	5017	28	28	1285	118	1404
336	2025	ALT1	WB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	2183	134	2317	28	28	1106	68	1174
337	2025	ALT1	WB	MD	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	2344	474	2819	29	29	451	91	542
338	2025	ALT1	WB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	902	176	1078	29	29	330	64	395
339	2025	ALT1	WB	MD	Ramp	OFF	I-15 Off-Ramp	24554	0.28	7516	392	7908	44	44	2117	110	2228
340	2025	ALT1	WB	MD	Ramp	ON	I-15 SB On-Ramp	23554	0.63	9046	1184	10231	29	29	5693	745	6438
341	2025	ALT1	WB	MD	Ramp	ON	I-15 NB On-Ramp	23572	1.00	5361	1045	6406	21	21	5375	1048	6423
342	2025	ALT1	WB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	3335	171	3505	26	26	671	34	705
343	2025	ALT1	WB	MD	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	3470	293	3763	11	11	613	52	665
344	2025	ALT1	WB	MD	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	3197	171	3368	26	26	559	30	589
345	2025	ALT1	WB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	1846	235	2081	16	16	176	22	199
346	2025	ALT1	WB	MD	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1975	150	2124	16	16	383	29	412
347	2025	ALT1	WB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	3172	55	3227	15	15	576	10	586
348	2025	ALT1	WB	MD	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	5223	377	5600	30	30	3010	217	3227
349	2025	ALT1	WB	MD	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	3068	225	3294	26	26	562	41	603
350	2025	ALT1	WB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2479	80	2559	33	33	797	26	823
351	2025	ALT1	WB	MD	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	2228	283	2511	16	16	355	45	400
352	2025	ALT1	WB	MD	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1960	28	1988	19	19	399	6	404
353	2025	ALT1	WB	MD	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	4060	113	4174	26	26	1027	29	1056
354	2025	ALT1	WB	MD	Ramp	ON	4th St On-Ramp	2731498	0.26	5467	421	5888	16	16	1408	108	1516
355	2025	ALT1	WB	MD	Ramp	OFF	7th St Off-Ramp	94628	0.20	2384	106	2490	22	22	484	21	505
356	2025	ALT1	WB	MD	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	2199	78	2276	17	17	524	19	542
357	2025	ALT1	WB	MD	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	3207	84	3291	14	14	1212	32	1243
358	2025	ALT1	WB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3265	175	3441	17	17	454	24	479
359	2025	ALT1	WB	MD	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	3245	121	3367	14	14	659	25	684
360	2025	ALT1	WB	MD	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	3550	128	3678	15	15	474	17	491
361	2025	ALT1	WB	MD	Ramp	ON	Central Ave On-Ramp	2668754	0.12	4136	122	4258	10	10	500	15	515
362	2025	ALT1	WB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1655	132	1787	24	24	374	30	404
363	2025	ALT1	WB	MD	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	3107	76	3182	14	14	1026	25	1051
364	2025	ALT1	WB	MD	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2025	ALT1	WB	MD	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2025	ALT1	WB	MD	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2025	ALT1	WB	MD	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2025	ALT1	WB	MD	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2025	ALT1	WB	MD	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2025	ALT1	WB	MD	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2025	ALT1	WB	MD	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2025	ALT1	WB	MD	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2025	ALT1	WB	MD	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2025	ALT1	WB	MD	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2025	ALT1	WB	MD	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2025	ALT1	WB	MD	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2025	ALT1	WB	MD	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2025	ALT1	WB	MD	HOV		California St On-Ramp to Mountain View Ave Off-I							50			
379	2025	ALT1	WB	MD	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2025	ALT1	WB	MD	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
381	2025	ALT1	WB	MD	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-f							50			
382	2025	ALT1	WB	MD	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2025	ALT1	WB	MD	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2025	ALT1	WB	MD	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2025	ALT1	WB	MD	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2025	ALT1	WB	MD	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2025	ALT1	WB	MD	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2025	ALT1	WB	MD	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2025	ALT1	WB	MD	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2025	ALT1	WB	MD	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2025	ALT1	WB	MD	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2025	ALT1	WB	MD	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2025	ALT1	WB	MD	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2025	ALT1	WB	MD	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2025	ALT1	WB	MD	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2025	ALT1	WB	MD	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2025	ALT1	WB	MD	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2025	ALT1	WB	MD	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2025	ALT1	WB	MD	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2025	ALT1	WB	MD	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2025	ALT1	WB	MD	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2025	ALT1	WB	MD	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2025	ALT1	WB	MD	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2025	ALT1	WB	MD	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2025	ALT1	WB	MD	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2025	ALT1	WB	MD	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2025	ALT1	WB	MD	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2025	ALT1	WB	MD	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2025	ALT1	WB	MD	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2025	ALT1	WB	MD	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2025	ALT1	WB	MD	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2025	ALT1	WB	MD	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2025	ALT1	WB	MD	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2025	ALT1	WB	MD	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2025	ALT1	WB	MD	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2025	ALT1	WB	MD	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2025	ALT1	WB	MD	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2025	ALT1	WB	MD	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2025	ALT1	WB	MD	HOV		Haven Ave Off-Ramp to Haven	2779162	0.41	9027		9027	38	38	6322		6322
420	2025	ALT1	WB	MD	HOV		Haven Ave Loop On-Ramp to H	2779162	0.29	9027		9027	38	38	6322		6322
421	2025	ALT1	WB	MD	HOV		Haven Ave On-Ramp to Archib	2779159	0.27	9369		9369	37	37	2573		2573
422	2025	ALT1	WB	MD	HOV		Archibald Ave Off-Ramp to Hol	2779158	0.32	7807		7807	43	43	4439		4439
423	2025	ALT1	WB	MD	HOV		Holt Blvd Off-Ramp to Archibal	2779158	0.63	7807		7807	43	43	4439		4439
424	2025	ALT1	WB	MD	HOV		Archibald Ave On-Ramp to Vine	2779158	0.15	7807		7807	43	43	4439		4439
425	2025	ALT1	WB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2779158	0.36	7807		7807	43	43	4439		4439
426	2025	ALT1	WB	MD	HOV		Vineyard Ave Loop On-Ramp to	2779155	0.19	7546		7546	46	46	4177		4177
427	2025	ALT1	WB	MD	HOV		Vineyard Ave On-Ramp to 4th	2779155	0.36	7546		7546	46	46	4177		4177
428	2025	ALT1	WB	MD	HOV		4th St Off-Ramp to 4th St On-R	2779155	0.39	7546		7546	46	46	4177		4177
429	2025	ALT1	WB	MD	HOV		4th St On-Ramp to 7th St Off-R	2779155	0.26	7546		7546	46	46	4177		4177

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
430	2025	ALT1	WB	MD	HOV		7th St Off-Ramp to Euclid Ave I	2779151	0.40	8307		8307	44	44	3989		3989
431	2025	ALT1	WB	MD	HOV		Euclid Ave Loop On-Ramp to E	2779151	0.36	8307		8307	44	44	3989		3989
432	2025	ALT1	WB	MD	HOV		Euclid Ave On-Ramp to Mount	2779151	0.42	8307		8307	44	44	3989		3989
433	2025	ALT1	WB	MD	HOV		Mountain Ave Off-Ramp to Mc	2779151	0.33	8307		8307	44	44	3989		3989
434	2025	ALT1	WB	MD	HOV		Mountain Ave On-Ramp to Cer	2779151	0.27	8307		8307	44	44	3989		3989
435	2025	ALT1	WB	MD	HOV		Central Ave Off-Ramp to Centr	2779146	0.53	9961		9961	37	37	2505		2505
436	2025	ALT1	WB	MD	HOV		Central Ave On-Ramp to Mont	2779146	0.05	9961		9961	37	37	2505		2505
437	2025	ALT1	WB	MD	HOV		Monte Vista Ave Off-Ramp to M	2779146	0.56	9961		9961	37	37	2505		2505
216	2025	ALT1	WB	PM	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	20669	1895	22564	62	50	8312	762	9074
217	2025	ALT1	WB	PM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	19449	1881	21331	61	50	15195	1470	16664
218	2025	ALT1	WB	PM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	21974	1924	23898	62	50	10950	959	11909
219	2025	ALT1	WB	PM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	21341	1917	23258	58	50	15986	1436	17422
220	2025	ALT1	WB	PM	Mainline		University St On-Ramp to 6th S	23726	0.38	23996	1969	25965	60	50	9105	747	9852
221	2025	ALT1	WB	PM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	22576	1939	24516	58	50	8119	698	8817
222	2025	ALT1	WB	PM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	25570	1975	27545	59	50	9578	740	10318
223	2025	ALT1	WB	PM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	27236	2045	29281	58	50	4697	353	5049
224	2025	ALT1	WB	PM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	19513	1227	20740	60	50	5201	327	5528
225	2025	ALT1	WB	PM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	18969	1218	20186	60	50	3310	212	3522
226	2025	ALT1	WB	PM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	18540	1208	19748	62	50	14515	946	15460
227	2025	ALT1	WB	PM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	21165	1265	22430	63	50	5525	330	5855
228	2025	ALT1	WB	PM	Mainline		Alabama St On-Ramp to Califo	24057	0.12	26925	1413	28338	62	50	3276	172	3448
229	2025	ALT1	WB	PM	Mainline		California St Off-Ramp to Califo	24044	0.86	25967	1389	27356	59	50	22382	1197	23579
230	2025	ALT1	WB	PM	Mainline		California St On-Ramp to Mour	24077	0.19	29652	1472	31124	60	50	5706	283	5990
231	2025	ALT1	WB	PM	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	27712	1427	29139	58	50	6166	317	6483
232	2025	ALT1	WB	PM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	31928	1537	33464	59	50	6600	318	6918
233	2025	ALT1	WB	PM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	30952	1524	32476	47	47	23448	1154	24602
234	2025	ALT1	WB	PM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	34074	1559	35633	51	50	3800	174	3974
235	2025	ALT1	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	32487	1515	34003	44	44	15459	721	16180
236	2025	ALT1	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	35472	1610	37082	49	49	9996	454	10449
237	2025	ALT1	WB	PM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	22243	997	23240	58	50	15627	700	16328
238	2025	ALT1	WB	PM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	24429	1034	25463	56	50	5112	216	5328
239	2025	ALT1	WB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	25033	1050	26083	55	50	4580	192	4772
240	2025	ALT1	WB	PM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	31875	1225	33100	54	50	5905	227	6132
241	2025	ALT1	WB	PM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	29803	1202	31006	52	50	21649	873	22522
242	2025	ALT1	WB	PM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	31911	1257	33168	56	50	1478	58	1536
243	2025	ALT1	WB	PM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	30203	1241	31445	51	50	18711	769	19480
244	2025	ALT1	WB	PM	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	31552	1276	32827	56	50	2780	112	2892
245	2025	ALT1	WB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	29886	1246	31132	52	50	17458	728	18186
246	2025	ALT1	WB	PM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	31602	1286	32888	56	50	13167	536	13703
247	2025	ALT1	WB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	29348	1258	30606	52	50	17452	748	18200
248	2025	ALT1	WB	PM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	30716	1293	32009	57	50	5229	220	5449
249	2025	ALT1	WB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	28005	1239	29245	58	50	16528	732	17260
250	2025	ALT1	WB	PM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	31352	1345	32697	56	50	26732	1147	27879
251	2025	ALT1	WB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	27261	1277	28538	55	50	19806	928	20734
252	2025	ALT1	WB	PM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	29835	1368	31203	57	50	15630	717	16347
253	2025	ALT1	WB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	29835	1368	31203	57	50	11194	513	11707
254	2025	ALT1	WB	PM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	29835	1368	31203	57	50	10791	495	11286
255	2025	ALT1	WB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	26594	1333	27927	55	50	18348	919	19267
256	2025	ALT1	WB	PM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	29132	1396	30528	58	50	11353	544	11896

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
257	2025	ALT1	WB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	26495	1347	27842	55	50	14281	726	15008
258	2025	ALT1	WB	PM	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	29731	1463	31194	60	50	12434	612	13046
259	2025	ALT1	WB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	28162	1417	29579	61	50	17758	894	18652
260	2025	ALT1	WB	PM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	30415	1520	31935	60	50	11997	600	12596
261	2025	ALT1	WB	PM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	27220	1406	28626	58	50	14983	774	15757
262	2025	ALT1	WB	PM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	30810	1641	32451	59	50	39066	2080	41146
263	2025	ALT1	WB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	29268	1547	30815	56	50	19875	1050	20926
264	2025	ALT1	WB	PM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	31793	1777	33570	45	45	8276	462	8738
265	2025	ALT1	WB	PM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	33178	1887	35065	52	50	4415	251	4666
266	2025	ALT1	WB	PM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	26929	1682	28611	53	50	15277	954	16231
267	2025	ALT1	WB	PM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	33645	2102	35747	51	50	4474	279	4753
268	2025	ALT1	WB	PM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	37663	2414	40077	59	50	778	50	828
269	2025	ALT1	WB	PM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	35851	2296	38147	47	47	20807	1333	22140
270	2025	ALT1	WB	PM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	38587	2453	41039	39	39	9632	612	10245
271	2025	ALT1	WB	PM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	28926	2349	31275	49	49	11896	966	12862
272	2025	ALT1	WB	PM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	31154	2484	33639	44	44	8994	717	9712
273	2025	ALT1	WB	PM	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	33110	2563	35673	51	50	9050	701	9751
274	2025	ALT1	WB	PM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	31983	2532	34514	52	50	10378	821	11199
275	2025	ALT1	WB	PM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	28134	2304	30439	57	50	17602	1441	19043
276	2025	ALT1	WB	PM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	32329	2404	34732	58	50	4946	368	5314
277	2025	ALT1	WB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	29248	2349	31597	55	50	10575	849	11425
278	2025	ALT1	WB	PM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	30832	2502	33334	53	50	5868	476	6344
279	2025	ALT1	WB	PM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	32576	2539	35115	43	43	11854	924	12778
280	2025	ALT1	WB	PM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	28439	2480	30920	51	50	11049	964	12013
281	2025	ALT1	WB	PM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	32656	2648	35304	42	42	8460	686	9146
282	2025	ALT1	WB	PM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	29642	2599	32242	49	49	11810	1036	12845
283	2025	ALT1	WB	PM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	31348	2638	33987	46	46	11257	947	12205
284	2025	ALT1	WB	PM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	33773	2687	36460	38	38	14284	1136	15420
285	2025	ALT1	WB	PM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	30837	2459	33296	47	47	10066	803	10868
286	2025	ALT1	WB	PM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	33327	2518	35845	41	41	9145	691	9836
287	2025	ALT1	WB	PM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	30099	2400	32499	49	49	15846	1264	17109
288	2025	ALT1	WB	PM	Mainline		Central Ave On-Ramp to Monte	23492	0.05	33386	2450	35836	52	50	1685	124	1808
289	2025	ALT1	WB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	31361	2368	33729	46	46	17561	1326	18887
290	2025	ALT1	WB	PM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1219	14	1233	34	34	656	7	663
291	2025	ALT1	WB	PM	Ramp	ON	Ford St On-Ramp	94684	0.23	2525	43	2567	26	26	570	10	579
292	2025	ALT1	WB	PM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	633	7	640	33	33	175	2	177
293	2025	ALT1	WB	PM	Ramp	ON	University St On-Ramp	94674	0.21	2655	52	2707	11	11	561	11	572
294	2025	ALT1	WB	PM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1420	29	1449	23	23	376	8	384
295	2025	ALT1	WB	PM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2994	35	3029	9	9	577	7	584
296	2025	ALT1	WB	PM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1665	70	1735	16	16	261	11	272
297	2025	ALT1	WB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	7723	818	8540	25	25	6677	707	7383
298	2025	ALT1	WB	PM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	544	9	554	28	28	37	1	37
299	2025	ALT1	WB	PM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	429	10	438	33	33	155	4	159
300	2025	ALT1	WB	PM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	2625	57	2682	29	29	2618	57	2675
301	2025	ALT1	WB	PM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	5760	148	5908	13	13	688	18	706
302	2025	ALT1	WB	PM	Ramp	OFF	California St Off-Ramp	94793	0.13	959	24	983	31	31	124	3	127
303	2025	ALT1	WB	PM	Ramp	ON	California St On-Ramp	2676730	0.11	3685	83	3768	23	23	422	9	432
304	2025	ALT1	WB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	1940	45	1985	25	25	226	5	231
305	2025	ALT1	WB	PM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	4216	110	4326	21	21	575	15	590

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
306	2025	ALT1	WB	PM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	975	13	988	24	24	212	3	215
307	2025	ALT1	WB	PM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3122	35	3156	7	7	386	4	390
308	2025	ALT1	WB	PM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1587	43	1630	20	20	387	11	398
309	2025	ALT1	WB	PM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	2985	95	3079	7	7	393	12	405
310	2025	ALT1	WB	PM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	13229	613	13842	23	23	2322	108	2430
311	2025	ALT1	WB	PM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2186	38	2224	13	13	721	12	734
312	2025	ALT1	WB	PM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	604	15	619	24	24	321	8	329
313	2025	ALT1	WB	PM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	6842	175	7017	29	29	2932	75	3008
314	2025	ALT1	WB	PM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2072	22	2094	19	19	500	5	505
315	2025	ALT1	WB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2108	54	2162	18	18	554	14	568
316	2025	ALT1	WB	PM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1707	16	1723	21	21	364	3	368
317	2025	ALT1	WB	PM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1348	34	1383	17	17	422	11	433
318	2025	ALT1	WB	PM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1666	29	1696	21	21	446	8	454
319	2025	ALT1	WB	PM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1717	40	1757	19	19	547	13	560
320	2025	ALT1	WB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2255	28	2282	17	17	404	5	409
321	2025	ALT1	WB	PM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1368	34	1403	17	17	464	12	476
322	2025	ALT1	WB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2711	53	2764	13	13	289	6	295
323	2025	ALT1	WB	PM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	3346	106	3452	28	28	1045	33	1078
324	2025	ALT1	WB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	4090	69	4159	23	23	535	9	544
325	2025	ALT1	WB	PM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2573	92	2665	18	18	1059	38	1096
326	2025	ALT1	WB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2025	ALT1	WB	PM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2025	ALT1	WB	PM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3241	36	3276	25	25	376	4	380
329	2025	ALT1	WB	PM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2538	63	2601	18	18	621	15	637
330	2025	ALT1	WB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2638	48	2686	26	26	285	5	290
331	2025	ALT1	WB	PM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3236	116	3352	28	28	968	35	1002
332	2025	ALT1	WB	PM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1569	46	1615	33	33	459	13	472
333	2025	ALT1	WB	PM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2253	103	2356	29	29	778	36	814
334	2025	ALT1	WB	PM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3195	114	3309	31	31	414	15	428
335	2025	ALT1	WB	PM	Ramp	ON	Cherry On-Ramp	95966	0.28	3590	234	3824	27	27	1004	66	1070
336	2025	ALT1	WB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1542	94	1635	27	27	781	47	828
337	2025	ALT1	WB	PM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	2525	230	2755	25	25	486	44	530
338	2025	ALT1	WB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	1384	110	1495	28	28	507	40	547
339	2025	ALT1	WB	PM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6249	205	6454	42	42	1760	58	1818
340	2025	ALT1	WB	PM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6716	420	7136	29	29	4226	264	4490
341	2025	ALT1	WB	PM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4019	312	4330	21	21	4029	313	4342
342	2025	ALT1	WB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1813	118	1930	27	27	365	24	388
343	2025	ALT1	WB	PM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2736	156	2892	8	8	483	28	511
344	2025	ALT1	WB	PM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2197	103	2300	26	26	384	18	403
345	2025	ALT1	WB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2229	135	2364	12	12	213	13	226
346	2025	ALT1	WB	PM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1974	79	2053	13	13	383	15	398
347	2025	ALT1	WB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	2229	31	2260	14	14	405	6	410
348	2025	ALT1	WB	PM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	3848	228	4076	29	29	2218	131	2349
349	2025	ALT1	WB	PM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4194	100	4294	21	21	768	18	786
350	2025	ALT1	WB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	3080	55	3135	31	31	990	18	1008
351	2025	ALT1	WB	PM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1819	153	1972	15	15	289	24	314
352	2025	ALT1	WB	PM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1744	37	1781	19	19	355	8	362
353	2025	ALT1	WB	PM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	4137	58	4195	23	23	1046	15	1061
354	2025	ALT1	WB	PM	Ramp	ON	4th St On-Ramp	2731498	0.26	4217	167	4384	15	15	1086	43	1129

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
355	2025	ALT1	WB	PM	Ramp	OFF	7th St Off-Ramp	94628	0.20	2483	48	2531	15	15	504	10	513
356	2025	ALT1	WB	PM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1706	39	1745	16	16	407	9	416
357	2025	ALT1	WB	PM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2424	49	2473	13	13	916	18	934
358	2025	ALT1	WB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2935	228	3163	8	8	409	32	440
359	2025	ALT1	WB	PM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2489	59	2549	12	12	506	12	518
360	2025	ALT1	WB	PM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2704	118	2821	12	12	361	16	376
361	2025	ALT1	WB	PM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	3288	50	3338	7	7	398	6	404
362	2025	ALT1	WB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2025	82	2108	18	18	458	19	477
363	2025	ALT1	WB	PM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2717	35	2751	11	11	897	11	909
364	2025	ALT1	WB	PM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2025	ALT1	WB	PM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2025	ALT1	WB	PM	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2025	ALT1	WB	PM	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2025	ALT1	WB	PM	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2025	ALT1	WB	PM	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2025	ALT1	WB	PM	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2025	ALT1	WB	PM	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2025	ALT1	WB	PM	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2025	ALT1	WB	PM	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2025	ALT1	WB	PM	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2025	ALT1	WB	PM	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2025	ALT1	WB	PM	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2025	ALT1	WB	PM	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2025	ALT1	WB	PM	HOV		California St On-Ramp to Mountain View Ave Off-F							50			
379	2025	ALT1	WB	PM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2025	ALT1	WB	PM	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2025	ALT1	WB	PM	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-F							50			
382	2025	ALT1	WB	PM	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2025	ALT1	WB	PM	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2025	ALT1	WB	PM	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2025	ALT1	WB	PM	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2025	ALT1	WB	PM	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2025	ALT1	WB	PM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2025	ALT1	WB	PM	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2025	ALT1	WB	PM	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2025	ALT1	WB	PM	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2025	ALT1	WB	PM	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2025	ALT1	WB	PM	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2025	ALT1	WB	PM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2025	ALT1	WB	PM	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2025	ALT1	WB	PM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2025	ALT1	WB	PM	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2025	ALT1	WB	PM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2025	ALT1	WB	PM	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2025	ALT1	WB	PM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2025	ALT1	WB	PM	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2025	ALT1	WB	PM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2025	ALT1	WB	PM	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2025	ALT1	WB	PM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
404	2025	ALT1	WB	PM	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2025	ALT1	WB	PM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2025	ALT1	WB	PM	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2025	ALT1	WB	PM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2025	ALT1	WB	PM	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2025	ALT1	WB	PM	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2025	ALT1	WB	PM	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2025	ALT1	WB	PM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2025	ALT1	WB	PM	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2025	ALT1	WB	PM	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2025	ALT1	WB	PM	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2025	ALT1	WB	PM	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2025	ALT1	WB	PM	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2025	ALT1	WB	PM	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2025	ALT1	WB	PM	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2025	ALT1	WB	PM	HOV		Haven Ave Off-Ramp to Haven	2779162	0.41	7464		7464	29	29	5227		5227
420	2025	ALT1	WB	PM	HOV		Haven Ave Loop On-Ramp to H	2779162	0.29	7464		7464	29	29	5227		5227
421	2025	ALT1	WB	PM	HOV		Haven Ave On-Ramp to Archib	2779159	0.27	7483		7483	29	29	2055		2055
422	2025	ALT1	WB	PM	HOV		Archibald Ave Off-Ramp to Hol	2779158	0.32	6906		6906	32	32	3927		3927
423	2025	ALT1	WB	PM	HOV		Holt Blvd Off-Ramp to Archibal	2779158	0.63	6906		6906	32	32	3927		3927
424	2025	ALT1	WB	PM	HOV		Archibald Ave On-Ramp to Vin	2779158	0.15	6906		6906	32	32	3927		3927
425	2025	ALT1	WB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2779158	0.36	6906		6906	32	32	3927		3927
426	2025	ALT1	WB	PM	HOV		Vineyard Ave Loop On-Ramp t	2779155	0.19	6616		6616	37	37	3662		3662
427	2025	ALT1	WB	PM	HOV		Vineyard Ave On-Ramp to 4th	2779155	0.36	6616		6616	37	37	3662		3662
428	2025	ALT1	WB	PM	HOV		4th St Off-Ramp to 4th St On-R	2779155	0.39	6616		6616	37	37	3662		3662
429	2025	ALT1	WB	PM	HOV		4th St On-Ramp to 7th St Off-R	2779155	0.26	6616		6616	37	37	3662		3662
430	2025	ALT1	WB	PM	HOV		7th St Off-Ramp to Euclid Ave	2779151	0.40	7146		7146	34	34	3431		3431
431	2025	ALT1	WB	PM	HOV		Euclid Ave Loop On-Ramp to E	2779151	0.36	7146		7146	34	34	3431		3431
432	2025	ALT1	WB	PM	HOV		Euclid Ave On-Ramp to Mount	2779151	0.42	7146		7146	34	34	3431		3431
433	2025	ALT1	WB	PM	HOV		Mountain Ave Off-Ramp to Mc	2779151	0.33	7146		7146	34	34	3431		3431
434	2025	ALT1	WB	PM	HOV		Mountain Ave On-Ramp to Cer	2779151	0.27	7146		7146	34	34	3431		3431
435	2025	ALT1	WB	PM	HOV		Central Ave Off-Ramp to Centr	2779146	0.53	7671		7671	30	30	1929		1929
436	2025	ALT1	WB	PM	HOV		Central Ave On-Ramp to Mont	2779146	0.05	7671		7671	30	30	1929		1929
437	2025	ALT1	WB	PM	HOV		Monte Vista Ave Off-Ramp to M	2779146	0.56	7671		7671	30	30	1929		1929
216	2025	ALT1	WB	NT	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	13648	3476	17125	64	50	5489	1398	6887
217	2025	ALT1	WB	NT	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	12895	3463	16358	64	50	10074	2705	12779
218	2025	ALT1	WB	NT	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	14402	3505	17906	64	50	7177	1747	8923
219	2025	ALT1	WB	NT	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	14038	3498	17535	64	50	10515	2620	13135
220	2025	ALT1	WB	NT	Mainline		University St On-Ramp to 6th S	23726	0.38	16548	3576	20124	64	50	6279	1357	7636
221	2025	ALT1	WB	NT	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	15464	3537	19001	64	50	5561	1272	6834
222	2025	ALT1	WB	NT	Mainline		Orange St Loop On-Ramp to O	23715	0.37	17615	3607	21222	64	50	6598	1351	7950
223	2025	ALT1	WB	NT	Mainline		Orange St On-Ramp to SR-210	24215	0.17	18110	3647	21757	64	50	3123	629	3752
224	2025	ALT1	WB	NT	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	15217	3390	18607	64	50	4056	904	4959
225	2025	ALT1	WB	NT	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	14818	3379	18196	64	50	2586	590	3175
226	2025	ALT1	WB	NT	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	14455	3365	17820	64	50	11317	2634	13951
227	2025	ALT1	WB	NT	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	16058	3415	19472	64	50	4192	891	5083
228	2025	ALT1	WB	NT	Mainline		Alabama St On-Ramp to Califo	24057	0.12	20925	3732	24657	64	50	2546	454	3000
229	2025	ALT1	WB	NT	Mainline		California St Off-Ramp to Calif	24044	0.86	20358	3711	24069	64	50	17548	3199	20746
230	2025	ALT1	WB	NT	Mainline		California St On-Ramp to Mour	24077	0.19	22144	3856	26000	64	50	4261	742	5004

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231	2025	ALT1	WB	NT	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	20598	3796	24394	64	50	4583	845	5428
232	2025	ALT1	WB	NT	Mainline		Mountain View Ave On-Ramp t	23990	0.21	22741	3948	26690	64	50	4701	816	5517
233	2025	ALT1	WB	NT	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	21962	3931	25894	63	50	16637	2978	19616
234	2025	ALT1	WB	NT	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	24444	4058	28502	63	50	2726	453	3178
235	2025	ALT1	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	23085	3984	27069	63	50	10985	1896	12880
236	2025	ALT1	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	24455	4124	28579	63	50	6891	1162	8053
237	2025	ALT1	WB	NT	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	14971	3113	18084	64	50	10518	2187	12705
238	2025	ALT1	WB	NT	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	16222	3191	19412	63	50	3395	668	4062
239	2025	ALT1	WB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	16436	3206	19642	63	50	3007	586	3593
240	2025	ALT1	WB	NT	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	20618	3459	24077	64	50	3819	641	4460
241	2025	ALT1	WB	NT	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	19738	3437	23176	63	50	14338	2497	16835
242	2025	ALT1	WB	NT	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	21171	3519	24690	64	50	981	163	1144
243	2025	ALT1	WB	NT	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	19588	3483	23071	63	50	12135	2158	14292
244	2025	ALT1	WB	NT	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	20549	3560	24109	64	50	1810	314	2124
245	2025	ALT1	WB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	19990	3550	23541	63	50	11678	2074	13752
246	2025	ALT1	WB	NT	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	20986	3615	24600	64	50	8744	1506	10250
247	2025	ALT1	WB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	19385	3571	22956	63	50	11528	2123	13651
248	2025	ALT1	WB	NT	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	20633	3629	24262	64	50	3513	618	4131
249	2025	ALT1	WB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	18582	3528	22110	64	50	10967	2082	13049
250	2025	ALT1	WB	NT	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	20651	3726	24378	64	50	17608	3177	20785
251	2025	ALT1	WB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	18477	3650	22127	63	50	13424	2652	16076
252	2025	ALT1	WB	NT	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	20323	3828	24151	64	50	10647	2005	12653
253	2025	ALT1	WB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	20323	3828	24151	64	50	7625	1436	9062
254	2025	ALT1	WB	NT	Mainline		Alder Ave On-Ramp to Alder A	2661436	0.36	20323	3828	24151	64	50	7351	1385	8735
255	2025	ALT1	WB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	18007	3775	21781	63	50	12423	2604	15027
256	2025	ALT1	WB	NT	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	19945	3876	23821	64	50	7772	1510	9283
257	2025	ALT1	WB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	18605	3813	22418	63	50	10029	2055	12084
258	2025	ALT1	WB	NT	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	20747	3998	24745	64	50	8676	1672	10349
259	2025	ALT1	WB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	19937	3933	23871	64	50	12572	2480	15052
260	2025	ALT1	WB	NT	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	21519	4091	25610	64	50	8488	1613	10101
261	2025	ALT1	WB	NT	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	19627	3926	23552	64	50	10803	2161	12964
262	2025	ALT1	WB	NT	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	21884	4327	26211	64	50	27748	5487	33235
263	2025	ALT1	WB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	20685	4194	24879	64	50	14047	2848	16895
264	2025	ALT1	WB	NT	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	21751	4560	26311	63	50	5662	1187	6849
265	2025	ALT1	WB	NT	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	22109	4688	26797	63	50	2942	624	3566
266	2025	ALT1	WB	NT	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	17780	4296	22075	63	50	10086	2437	12523
267	2025	ALT1	WB	NT	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	23410	5796	29205	63	50	3113	771	3883
268	2025	ALT1	WB	NT	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	28019	6544	34563	63	50	579	135	714
269	2025	ALT1	WB	NT	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	26832	6391	33222	63	50	15572	3709	19281
270	2025	ALT1	WB	NT	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	29015	6753	35768	63	50	7243	1686	8929
271	2025	ALT1	WB	NT	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	22053	6580	28633	62	50	9069	2706	11776
272	2025	ALT1	WB	NT	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	22975	6835	29810	62	50	6633	1973	8606
273	2025	ALT1	WB	NT	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	24170	6991	31161	63	50	6607	1911	8517
274	2025	ALT1	WB	NT	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	22986	6899	29885	63	50	7459	2239	9697
275	2025	ALT1	WB	NT	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	20134	6514	26648	64	50	12596	4075	16671
276	2025	ALT1	WB	NT	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	22561	6690	29251	64	50	3452	1024	4475
277	2025	ALT1	WB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	20849	6616	27465	64	50	7538	2392	9931
278	2025	ALT1	WB	NT	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	21806	6867	28674	64	50	4150	1307	5457
279	2025	ALT1	WB	NT	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	23208	6947	30155	63	50	8445	2528	10973

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
280	2025	ALT1	WB	NT	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	20643	6867	27510	63	50	8020	2668	10688
281	2025	ALT1	WB	NT	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	24111	7232	31343	62	50	6246	1874	8120
282	2025	ALT1	WB	NT	Mainline		7th St Off-Ramp to Euclid Ave l	23447	0.40	21814	7153	28967	63	50	8691	2850	11541
283	2025	ALT1	WB	NT	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	23148	7249	30397	63	50	8312	2603	10916
284	2025	ALT1	WB	NT	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	25257	7332	32589	62	50	10682	3101	13783
285	2025	ALT1	WB	NT	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	22810	7189	29999	63	50	7445	2347	9792
286	2025	ALT1	WB	NT	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	25282	7319	32600	62	50	6937	2008	8946
287	2025	ALT1	WB	NT	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	22759	7204	29962	63	50	11982	3792	15774
288	2025	ALT1	WB	NT	Mainline		Central Ave On-Ramp to Mont	23492	0.05	25226	7353	32580	63	50	1273	371	1644
289	2025	ALT1	WB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	24280	7271	31551	62	50	13596	4071	17668
290	2025	ALT1	WB	NT	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	753	13	767	35	35	405	7	412
291	2025	ALT1	WB	NT	Ramp	ON	Ford St On-Ramp	94684	0.23	1507	42	1549	29	29	340	9	350
292	2025	ALT1	WB	NT	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	364	7	371	34	34	101	2	103
293	2025	ALT1	WB	NT	Ramp	ON	University St On-Ramp	94674	0.21	2510	79	2589	18	18	531	17	547
294	2025	ALT1	WB	NT	Ramp	OFF	6th St Off-Ramp	94690	0.26	1084	39	1123	28	28	287	10	297
295	2025	ALT1	WB	NT	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2151	69	2221	18	18	415	13	428
296	2025	ALT1	WB	NT	Ramp	ON	Orange St On-Ramp	2676749	0.16	494	40	534	20	20	78	6	84
297	2025	ALT1	WB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	2893	257	3150	30	30	2501	222	2723
298	2025	ALT1	WB	NT	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	399	11	411	29	29	27	1	28
299	2025	ALT1	WB	NT	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	362	14	376	34	34	131	5	136
300	2025	ALT1	WB	NT	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	1602	50	1652	30	30	1598	50	1648
301	2025	ALT1	WB	NT	Ramp	ON	Alabama St On-Ramp	2676731	0.12	4867	317	5185	27	27	581	38	619
302	2025	ALT1	WB	NT	Ramp	OFF	California St Off-Ramp	94793	0.13	567	21	588	34	34	73	3	76
303	2025	ALT1	WB	NT	Ramp	ON	California St On-Ramp	2676730	0.11	1785	146	1931	29	29	205	17	221
304	2025	ALT1	WB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	1546	61	1606	33	33	180	7	187
305	2025	ALT1	WB	NT	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2143	153	2296	29	29	292	21	313
306	2025	ALT1	WB	NT	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	779	17	796	28	28	169	4	173
307	2025	ALT1	WB	NT	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	2481	127	2608	17	17	307	16	322
308	2025	ALT1	WB	NT	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1359	74	1434	27	27	332	18	350
309	2025	ALT1	WB	NT	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	1370	140	1511	18	18	180	18	199
310	2025	ALT1	WB	NT	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	9484	1012	10496	45	45	1665	178	1842
311	2025	ALT1	WB	NT	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1251	78	1329	19	19	413	26	438
312	2025	ALT1	WB	NT	Ramp	ON	I-215 NB On-Ramp	24504	0.53	215	15	229	25	25	114	8	122
313	2025	ALT1	WB	NT	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4182	253	4435	34	34	1792	109	1901
314	2025	ALT1	WB	NT	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	880	22	901	29	29	212	5	218
315	2025	ALT1	WB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1433	82	1515	20	20	377	22	398
316	2025	ALT1	WB	NT	Ramp	OFF	9th St Off-Ramp	94928	0.21	1583	36	1619	27	27	338	8	346
317	2025	ALT1	WB	NT	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	961	77	1038	19	19	301	24	325
318	2025	ALT1	WB	NT	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	558	10	568	29	29	149	3	152
319	2025	ALT1	WB	NT	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	995	64	1059	20	20	317	20	338
320	2025	ALT1	WB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1601	44	1644	27	27	287	8	295
321	2025	ALT1	WB	NT	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1248	58	1306	19	19	423	20	443
322	2025	ALT1	WB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2051	101	2152	26	26	219	11	229
323	2025	ALT1	WB	NT	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2069	198	2267	30	30	646	62	708
324	2025	ALT1	WB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	2175	76	2251	29	29	284	10	294
325	2025	ALT1	WB	NT	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	1847	178	2025	20	20	760	73	833
326	2025	ALT1	WB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2025	ALT1	WB	NT	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2025	ALT1	WB	NT	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2317	53	2370	29	29	269	6	275

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
329	2025	ALT1	WB	NT	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1938	101	2039	20	20	475	25	499
330	2025	ALT1	WB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1340	63	1403	29	29	145	7	152
331	2025	ALT1	WB	NT	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	2141	186	2327	30	30	640	55	696
332	2025	ALT1	WB	NT	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	809	65	875	35	35	237	19	256
333	2025	ALT1	WB	NT	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1582	157	1739	30	30	546	54	600
334	2025	ALT1	WB	NT	Ramp	OFF	Cherry Off-Ramp	94837	0.13	1892	165	2057	34	34	245	21	266
335	2025	ALT1	WB	NT	Ramp	ON	Cherry On-Ramp	95966	0.28	2257	402	2659	29	29	631	112	744
336	2025	ALT1	WB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1199	134	1332	33	33	607	68	675
337	2025	ALT1	WB	NT	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1066	366	1432	33	33	205	70	276
338	2025	ALT1	WB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	358	129	486	30	30	131	47	178
339	2025	ALT1	WB	NT	Ramp	OFF	I-15 Off-Ramp	24554	0.28	4329	393	4722	48	48	1220	111	1330
340	2025	ALT1	WB	NT	Ramp	ON	I-15 SB On-Ramp	23554	0.63	5630	1500	7130	33	33	3543	944	4487
341	2025	ALT1	WB	NT	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4609	748	5358	29	29	4621	750	5371
342	2025	ALT1	WB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1187	153	1341	29	29	239	31	270
343	2025	ALT1	WB	NT	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2184	362	2546	17	17	386	64	450
344	2025	ALT1	WB	NT	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	1521	172	1693	29	29	266	30	296
345	2025	ALT1	WB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	922	255	1177	19	19	88	24	112
346	2025	ALT1	WB	NT	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1294	156	1449	19	19	251	30	281
347	2025	ALT1	WB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	2521	92	2613	24	24	458	17	474
348	2025	ALT1	WB	NT	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	2852	386	3238	34	34	1644	222	1866
349	2025	ALT1	WB	NT	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	2427	176	2603	29	29	444	32	477
350	2025	ALT1	WB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	1712	73	1785	34	34	550	24	574
351	2025	ALT1	WB	NT	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1081	251	1332	19	19	172	40	212
352	2025	ALT1	WB	NT	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1402	80	1481	20	20	285	16	301
353	2025	ALT1	WB	NT	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	2565	80	2646	29	29	649	20	669
354	2025	ALT1	WB	NT	Ramp	ON	4th St On-Ramp	2731498	0.26	3468	366	3833	19	19	893	94	987
355	2025	ALT1	WB	NT	Ramp	OFF	7th St Off-Ramp	94628	0.20	1524	79	1603	27	27	309	16	325
356	2025	ALT1	WB	NT	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1334	96	1430	19	19	318	23	341
357	2025	ALT1	WB	NT	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2109	83	2192	18	18	797	31	828
358	2025	ALT1	WB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2447	142	2590	25	25	341	20	360
359	2025	ALT1	WB	NT	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2472	129	2601	18	18	502	26	528
360	2025	ALT1	WB	NT	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	1912	115	2027	26	26	255	15	270
361	2025	ALT1	WB	NT	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2467	150	2617	18	18	299	18	317
362	2025	ALT1	WB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	946	83	1029	28	28	214	19	233
363	2025	ALT1	WB	NT	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1834	85	1919	19	19	606	28	634
364	2025	ALT1	WB	NT	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2025	ALT1	WB	NT	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2025	ALT1	WB	NT	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2025	ALT1	WB	NT	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2025	ALT1	WB	NT	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2025	ALT1	WB	NT	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2025	ALT1	WB	NT	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2025	ALT1	WB	NT	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2025	ALT1	WB	NT	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2025	ALT1	WB	NT	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2025	ALT1	WB	NT	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2025	ALT1	WB	NT	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2025	ALT1	WB	NT	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2025	ALT1	WB	NT	HOV		California St Off-Ramp to California St On-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
378	2025	ALT1	WB	NT	HOV		California St On-Ramp to Mountain View Ave Off-F							50			
379	2025	ALT1	WB	NT	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2025	ALT1	WB	NT	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2025	ALT1	WB	NT	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-F							50			
382	2025	ALT1	WB	NT	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2025	ALT1	WB	NT	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2025	ALT1	WB	NT	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2025	ALT1	WB	NT	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2025	ALT1	WB	NT	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2025	ALT1	WB	NT	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2025	ALT1	WB	NT	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2025	ALT1	WB	NT	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2025	ALT1	WB	NT	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2025	ALT1	WB	NT	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2025	ALT1	WB	NT	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2025	ALT1	WB	NT	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2025	ALT1	WB	NT	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2025	ALT1	WB	NT	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2025	ALT1	WB	NT	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2025	ALT1	WB	NT	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2025	ALT1	WB	NT	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2025	ALT1	WB	NT	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2025	ALT1	WB	NT	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2025	ALT1	WB	NT	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2025	ALT1	WB	NT	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2025	ALT1	WB	NT	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2025	ALT1	WB	NT	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2025	ALT1	WB	NT	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2025	ALT1	WB	NT	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2025	ALT1	WB	NT	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2025	ALT1	WB	NT	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2025	ALT1	WB	NT	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2025	ALT1	WB	NT	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2025	ALT1	WB	NT	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2025	ALT1	WB	NT	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2025	ALT1	WB	NT	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2025	ALT1	WB	NT	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2025	ALT1	WB	NT	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2025	ALT1	WB	NT	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2025	ALT1	WB	NT	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2025	ALT1	WB	NT	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2025	ALT1	WB	NT	HOV		Haven Ave Off-Ramp to Haven	2779162	0.41	5442		5442	57	50	2238		2238
420	2025	ALT1	WB	NT	HOV		Haven Ave Loop On-Ramp to H	2779162	0.29	5442		5442	57	50	1571		1571
421	2025	ALT1	WB	NT	HOV		Haven Ave On-Ramp to Archib	2779159	0.27	5540		5540	57	50	1514		1514
422	2025	ALT1	WB	NT	HOV		Archibald Ave Off-Ramp to Hol	2779158	0.32	4789		4789	58	50	1554		1554
423	2025	ALT1	WB	NT	HOV		Holt Blvd Off-Ramp to Archibal	2779158	0.63	4789		4789	58	50	2996		2996
424	2025	ALT1	WB	NT	HOV		Archibald Ave On-Ramp to Vine	2779158	0.15	4789		4789	58	50	733		733
425	2025	ALT1	WB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2779158	0.36	4789		4789	58	50	1732		1732
426	2025	ALT1	WB	NT	HOV		Vineyard Ave Loop On-Ramp to	2779155	0.19	4326		4326	60	50	823		823

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
427	2025	ALT1	WB	NT	HOV		Vineyard Ave On-Ramp to 4th	2779155	0.36	4326		4326	60	50	1574		1574
428	2025	ALT1	WB	NT	HOV		4th St Off-Ramp to 4th St On-R	2779155	0.39	4326		4326	60	50	1681		1681
429	2025	ALT1	WB	NT	HOV		4th St On-Ramp to 7th St Off-R	2779155	0.26	4326		4326	60	50	1121		1121
430	2025	ALT1	WB	NT	HOV		7th St Off-Ramp to Euclid Ave L	2779151	0.40	5099		5099	59	50	2031		2031
431	2025	ALT1	WB	NT	HOV		Euclid Ave Loop On-Ramp to Eu	2779151	0.36	5099		5099	59	50	1831		1831
432	2025	ALT1	WB	NT	HOV		Euclid Ave On-Ramp to Mounta	2779151	0.42	5099		5099	59	50	2156		2156
433	2025	ALT1	WB	NT	HOV		Mountain Ave Off-Ramp to Mo	2779151	0.33	5099		5099	59	50	1664		1664
434	2025	ALT1	WB	NT	HOV		Mountain Ave On-Ramp to Cer	2779151	0.27	5099		5099	59	50	1399		1399
435	2025	ALT1	WB	NT	HOV		Central Ave Off-Ramp to Centr	2779146	0.53	5709		5709	58	50	3006		3006
436	2025	ALT1	WB	NT	HOV		Central Ave On-Ramp to Mont	2779146	0.05	5709		5709	58	50	288		288
437	2025	ALT1	WB	NT	HOV		Monte Vista Ave Off-Ramp to M	2779146	0.56	5709		5709	58	50	3197		3197
1	2025	ALT2	EB	AM	Mainline		LA County Line to Monte Vista	25707	0.26	19292	1605	20897	55	50	4943	411	5354
2	2025	ALT2	EB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	17623	1571	19194	57	50	11920	1063	12983
3	2025	ALT2	EB	AM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	19999	1621	21620	58	50	584	47	631
4	2025	ALT2	EB	AM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	17857	1588	19445	57	50	10214	908	11122
5	2025	ALT2	EB	AM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	19433	1634	21067	59	50	4042	340	4382
6	2025	ALT2	EB	AM	Mainline		Mountain Ave Off-Ramp to Mo	2778899	0.34	17443	1583	19027	58	50	5981	543	6524
7	2025	ALT2	EB	AM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	19623	1639	21261	54	50	9379	783	10163
8	2025	ALT2	EB	AM	Mainline		Euclid Ave Off-Ramp to Euclid A	23438	0.65	17424	1582	19005	57	50	11244	1021	12265
9	2025	ALT2	EB	AM	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	19463	1617	21081	55	50	9963	828	10791
10	2025	ALT2	EB	AM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	15772	1543	17314	59	50	2713	265	2979
11	2025	ALT2	EB	AM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	18777	1584	20360	56	50	6178	521	6700
12	2025	ALT2	EB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	17255	1478	18732	57	50	4218	361	4580
13	2025	ALT2	EB	AM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	20599	1520	22119	61	50	3963	293	4255
14	2025	ALT2	EB	AM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	18219	1439	19658	60	50	6167	487	6654
15	2025	ALT2	EB	AM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	21231	1600	22831	56	50	8282	624	8906
16	2025	ALT2	EB	AM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	21765	1625	23391	56	50	4858	363	5220
17	2025	ALT2	EB	AM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	18262	1527	19789	55	50	7597	635	8232
18	2025	ALT2	EB	AM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	19391	1557	20949	58	50	6054	486	6540
19	2025	ALT2	EB	AM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	19619	1619	21238	60	50	4397	363	4760
20	2025	ALT2	EB	AM	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	16579	1483	18062	60	50	8792	787	9579
21	2025	ALT2	EB	AM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	18004	1580	19584	61	50	956	84	1040
22	2025	ALT2	EB	AM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	15343	1049	16393	61	50	3810	261	4071
23	2025	ALT2	EB	AM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	12274	877	13150	60	50	3764	269	4033
24	2025	ALT2	EB	AM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	15912	1020	16932	61	50	3447	221	3668
25	2025	ALT2	EB	AM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	16459	1036	17496	60	50	2317	146	2463
26	2025	ALT2	EB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	14996	916	15912	62	50	19188	1172	20360
27	2025	ALT2	EB	AM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	15759	962	16721	63	50	14569	890	15459
28	2025	ALT2	EB	AM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	13484	792	14276	62	50	8214	482	8696
29	2025	ALT2	EB	AM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	15739	874	16614	63	50	5610	312	5922
30	2025	ALT2	EB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	15014	829	15844	63	50	9509	525	10034
31	2025	ALT2	EB	AM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	16057	862	16920	63	50	7196	386	7582
32	2025	ALT2	EB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	15089	831	15921	62	50	8084	445	8529
33	2025	ALT2	EB	AM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	16539	860	17399	61	50	7749	403	8152
34	2025	ALT2	EB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	13944	758	14702	60	50	8889	483	9372
35	2025	ALT2	EB	AM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	16238	784	17022	61	50	5023	243	5265
36	2025	ALT2	EB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	16192	784	16976	61	50	6000	291	6291
37	2025	ALT2	EB	AM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	16192	784	16976	61	50	8082	391	8473
38	2025	ALT2	EB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	14510	694	15204	60	50	12316	589	12905

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
39	2025	ALT2	EB	AM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	16463	728	17191	61	50	13096	579	13675
40	2025	ALT2	EB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	14605	671	15276	62	50	8425	387	8813
41	2025	ALT2	EB	AM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	16469	717	17186	61	50	3287	143	3430
42	2025	ALT2	EB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	15723	689	16412	59	50	10372	455	10827
43	2025	ALT2	EB	AM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	16659	704	17363	61	50	4341	183	4524
44	2025	ALT2	EB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	15563	676	16238	60	50	6412	278	6691
45	2025	ALT2	EB	AM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	16074	681	16756	61	50	2887	122	3009
46	2025	ALT2	EB	AM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	15130	642	15772	60	50	8010	340	8349
47	2025	ALT2	EB	AM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	15679	651	16330	61	50	440	18	458
48	2025	ALT2	EB	AM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	14784	625	15409	62	50	8955	379	9334
49	2025	ALT2	EB	AM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	15383	636	16019	61	50	745	31	775
50	2025	ALT2	EB	AM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	12382	526	12908	61	50	11663	495	12158
51	2025	ALT2	EB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	18550	791	19341	59	50	2033	87	2120
52	2025	ALT2	EB	AM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	23560	984	24544	58	50	3051	127	3178
53	2025	ALT2	EB	AM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	20997	961	21958	57	50	2282	104	2387
54	2025	ALT2	EB	AM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	19105	909	20013	55	50	12064	574	12638
55	2025	ALT2	EB	AM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	19335	930	20266	58	50	5463	263	5725
56	2025	ALT2	EB	AM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	17070	887	17956	57	50	6898	358	7256
57	2025	ALT2	EB	AM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	17290	891	18181	62	50	3597	185	3783
58	2025	ALT2	EB	AM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	14934	822	15756	62	50	11804	650	12454
59	2025	ALT2	EB	AM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	15872	853	16725	63	50	2913	156	3070
60	2025	ALT2	EB	AM	Mainline		California St Off-Ramp to Califc	24075	0.84	13744	796	14540	62	50	11566	670	12236
61	2025	ALT2	EB	AM	Mainline		California St On-Ramp to Alaba	24046	0.18	14082	809	14891	63	50	2475	142	2617
62	2025	ALT2	EB	AM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	12015	760	12776	64	50	4704	298	5002
63	2025	ALT2	EB	AM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	10264	682	10946	63	50	1813	120	1933
64	2025	ALT2	EB	AM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	8142	614	8756	63	50	5237	395	5632
65	2025	ALT2	EB	AM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	8492	628	9120	63	50	1685	125	1810
66	2025	ALT2	EB	AM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	12318	1114	13432	62	50	623	56	680
67	2025	ALT2	EB	AM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	9002	1070	10071	62	50	3878	461	4338
68	2025	ALT2	EB	AM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	9606	1084	10690	63	50	2855	322	3177
69	2025	ALT2	EB	AM	Mainline		University St Off-Ramp to Cypr	23724	0.80	7700	1042	8742	63	50	6125	829	6954
70	2025	ALT2	EB	AM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	7952	1047	8999	64	50	3640	479	4119
71	2025	ALT2	EB	AM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	6993	1024	8017	64	50	4546	666	5212
72	2025	ALT2	EB	AM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	7668	1033	8701	64	50	4523	609	5133
73	2025	ALT2	EB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1669	34	1703	17	17	316	7	322
74	2025	ALT2	EB	AM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1458	50	1508	15	15	188	6	195
75	2025	ALT2	EB	AM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2142	33	2175	11	11	278	4	283
76	2025	ALT2	EB	AM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	1695	46	1741	13	13	317	9	326
77	2025	ALT2	EB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	1845	51	1895	15	15	298	8	307
78	2025	ALT2	EB	AM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2179	55	2235	9	9	254	6	261
79	2025	ALT2	EB	AM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	2199	57	2256	10	10	322	8	331
80	2025	ALT2	EB	AM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1815	36	1851	13	13	635	12	647
81	2025	ALT2	EB	AM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	2887	75	2961	24	24	917	24	940
82	2025	ALT2	EB	AM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3005	41	3046	16	16	707	10	716
83	2025	ALT2	EB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1522	106	1628	27	27	155	11	166
84	2025	ALT2	EB	AM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2754	43	2796	28	28	345	5	350
85	2025	ALT2	EB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	2380	82	2461	31	31	692	24	716
86	2025	ALT2	EB	AM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	2478	161	2639	23	23	565	37	602
87	2025	ALT2	EB	AM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	535	25	560	18	18	124	6	130

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
88	2025	ALT2	EB	AM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	3503	99	3602	18	18	497	14	511
89	2025	ALT2	EB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	830	31	861	17	17	101	4	105
90	2025	ALT2	EB	AM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	228	62	289	19	19	64	17	81
91	2025	ALT2	EB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3040	136	3176	20	20	537	24	561
92	2025	ALT2	EB	AM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	889	97	986	16	16	172	19	191
93	2025	ALT2	EB	AM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	2661	531	3192	32	32	2954	589	3543
94	2025	ALT2	EB	AM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3070	173	3242	21	21	1771	100	1870
95	2025	ALT2	EB	AM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	3638	143	3781	18	18	406	16	422
96	2025	ALT2	EB	AM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	547	17	564	35	35	655	20	675
97	2025	ALT2	EB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1463	120	1583	26	26	287	24	311
98	2025	ALT2	EB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	458	46	504	29	29	164	16	180
99	2025	ALT2	EB	AM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	2275	170	2446	31	31	464	35	499
100	2025	ALT2	EB	AM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2265	82	2347	28	28	698	25	723
101	2025	ALT2	EB	AM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	725	45	770	34	34	250	16	266
102	2025	ALT2	EB	AM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1084	33	1117	29	29	320	10	330
103	2025	ALT2	EB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	968	31	999	34	34	130	4	134
104	2025	ALT2	EB	AM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1621	29	1649	18	18	435	8	443
105	2025	ALT2	EB	AM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2594	102	2697	24	24	304	12	316
106	2025	ALT2	EB	AM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2336	26	2363	8	8	68	1	69
107	2025	ALT2	EB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2025	ALT2	EB	AM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2025	ALT2	EB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	1682	90	1773	27	27	308	16	324
110	2025	ALT2	EB	AM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1875	34	1909	18	18	771	14	785
111	2025	ALT2	EB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1858	57	1915	32	32	233	7	240
112	2025	ALT2	EB	AM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	1922	46	1968	18	18	580	14	594
113	2025	ALT2	EB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	746	28	774	25	25	228	9	237
114	2025	ALT2	EB	AM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1072	15	1087	17	17	392	5	398
115	2025	ALT2	EB	AM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2025	ALT2	EB	AM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	470	6	475	19	19	149	2	151
117	2025	ALT2	EB	AM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	944	39	984	24	24	234	10	244
118	2025	ALT2	EB	AM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	549	10	558	20	20	155	3	158
119	2025	ALT2	EB	AM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	895	26	921	24	24	376	11	387
120	2025	ALT2	EB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	817	11	828	19	19	212	3	215
121	2025	ALT2	EB	AM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	3001	110	3111	34	34	706	26	732
122	2025	ALT2	EB	AM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	6167	266	6433	27	27	5360	231	5591
123	2025	ALT2	EB	AM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	5010	193	5203	29	29	3798	146	3945
124	2025	ALT2	EB	AM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2564	23	2587	4	4	233	2	235
125	2025	ALT2	EB	AM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1892	52	1944	11	11	471	13	484
126	2025	ALT2	EB	AM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	703	22	725	18	18	98	3	101
127	2025	ALT2	EB	AM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2253	44	2296	7	7	567	11	578
128	2025	ALT2	EB	AM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	221	4	224	19	19	23	0	23
129	2025	ALT2	EB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2356	68	2425	12	12	692	20	712
130	2025	ALT2	EB	AM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	951	30	981	29	29	217	7	224
131	2025	ALT2	EB	AM	Ramp	OFF	California St Off-Ramp	94801	0.46	2129	56	2185	16	16	969	26	995
132	2025	ALT2	EB	AM	Ramp	ON	California St On-Ramp	95942	0.39	393	13	406	29	29	152	5	157
133	2025	ALT2	EB	AM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2067	48	2115	17	17	896	21	917
134	2025	ALT2	EB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	1751	78	1829	29	29	1448	65	1513
135	2025	ALT2	EB	AM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2122	68	2190	16	16	728	23	751
136	2025	ALT2	EB	AM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	350	14	364	19	19	37	1	39

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
137	2025	ALT2	EB	AM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	3826	486	4311	27	27	4060	515	4576
138	2025	ALT2	EB	AM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2515	44	2559	6	6	224	4	228
139	2025	ALT2	EB	AM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	604	15	619	18	18	179	4	183
140	2025	ALT2	EB	AM	Ramp	OFF	University St Off-Ramp	94695	0.28	1906	42	1948	14	14	533	12	545
141	2025	ALT2	EB	AM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	309	4	313	29	29	93	1	95
142	2025	ALT2	EB	AM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1557	22	1579	24	24	428	6	434
143	2025	ALT2	EB	AM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	674	9	683	30	30	254	3	257
144	2025	ALT2	EB	AM	HOV		LA County Line to Monte Vista	2664669	0.26	2980		2980	51	50	764		764
145	2025	ALT2	EB	AM	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	2980		2980	51	50	2016		2016
146	2025	ALT2	EB	AM	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	2980		2980	51	50	87		87
147	2025	ALT2	EB	AM	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	2980		2980	51	50	1705		1705
148	2025	ALT2	EB	AM	HOV		Central Ave On-Ramp to Moun	2664669	0.21	2980		2980	51	50	620		620
149	2025	ALT2	EB	AM	HOV		Mountain Ave Off-Ramp to Mc	2664669	0.34	2980		2980	51	50	1022		1022
150	2025	ALT2	EB	AM	HOV		Mountain Ave On-Ramp to Euc	2779098	0.48	2326		2326	55	50	1112		1112
151	2025	ALT2	EB	AM	HOV		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	2326		2326	55	50	1501		1501
152	2025	ALT2	EB	AM	HOV		Euclid Ave On-Ramp to San Ber	2779098	0.51	2326		2326	55	50	1191		1191
153	2025	ALT2	EB	AM	HOV		San Bernardino Ave/4th St Off-	2665612	0.17	2906		2906	56	50	500		500
154	2025	ALT2	EB	AM	HOV		San Bernardino Ave/4th St On-	2665612	0.33	2906		2906	56	50	956		956
155	2025	ALT2	EB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	2906		2906	56	50	711		711
156	2025	ALT2	EB	AM	HOV		Vineyard Ave On-Ramp to Arch	2665612	0.19	2906		2906	56	50	559		559
157	2025	ALT2	EB	AM	HOV		Archibald Ave Off-Ramp to Hol	2665612	0.34	2906		2906	56	50	984		984
158	2025	ALT2	EB	AM	HOV		Holt Blvd On-Ramp to Archibal	2665612	0.39	2906		2906	56	50	1134		1134
159	2025	ALT2	EB	AM	HOV		Archibald Ave On-Ramp to Hav	2665612	0.22	2906		2906	56	50	649		649
160	2025	ALT2	EB	AM	HOV		Haven Ave Off-Ramp to Haven	2665612	0.42	2906		2906	56	50	1209		1209
161	2025	ALT2	EB	AM	HOV		Haven Ave Loop On-Ramp to H	2778934	0.31	1483		1483	58	50	463		463
162	2025	ALT2	EB	AM	HOV		Haven Ave On-Ramp to Millike	2778934	0.22	1483		1483	58	50	332		332
163	2025	ALT2	EB	AM	HOV		Milliken Ave Off-Ramp to Millik	2778934	0.53	1483		1483	58	50	786		786
164	2025	ALT2	EB	AM	HOV		Milliken Ave Loop On-Ramp to	2778934	0.05	1483		1483	58	50	79		79
165	2025	ALT2	EB	AM	HOV		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	1483		1483	58	50	368		368
166	2025	ALT2	EB	AM	HOV		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	1483		1483	58	50	455		455
167	2025	ALT2	EB	AM	HOV		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	1483		1483	58	50	321		321
168	2025	ALT2	EB	AM	HOV		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	1483		1483	58	50	209		209
169	2025	ALT2	EB	AM	HOV		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	1483		1483	58	50	1897		1897
170	2025	ALT2	EB	AM	HOV		Etiwanda Ave On-Ramp to Che	2778934	0.92	1483		1483	58	50	1371		1371
171	2025	ALT2	EB	AM	HOV		Cherry Ave Off-Ramp to Cherry	2760156	0.61	651		651	62	50	397		397
172	2025	ALT2	EB	AM	HOV		Cherry Ave On-Ramp to Beach	2760156	0.36	651		651	62	50	232		232
173	2025	ALT2	EB	AM	HOV		Beach Ave Off-Ramp to Beach	2760156	0.63	651		651	62	50	412		412
174	2025	ALT2	EB	AM	HOV		BeachAve On-Ramp to Citrus A	2760156	0.45	651		651	62	50	292		292
175	2025	ALT2	EB	AM	HOV		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	651		651	62	50	349		349
176	2025	ALT2	EB	AM	HOV		Citrus Ave On-Ramp to Sierra A	2760156	0.47	651		651	62	50	305		305
177	2025	ALT2	EB	AM	HOV		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	651		651	62	50	415		415
178	2025	ALT2	EB	AM	HOV		Sierra Ave On-Ramp to Alder A	2760156	0.31	651		651	62	50	201		201
179	2025	ALT2	EB	AM	HOV		Alder Ave Off-Ramp to Alder A	2779122	0.37	952		952	45	45	353		353
180	2025	ALT2	EB	AM	HOV		Alder Ave On-Ramp to Cedar A	2779122	0.50	952		952	45	45	475		475
181	2025	ALT2	EB	AM	HOV		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	952		952	45	45	808		808
182	2025	ALT2	EB	AM	HOV		Cedar Ave On-Ramp to Riversic	2779122	0.80	952		952	45	45	757		757
183	2025	ALT2	EB	AM	HOV		Riverside Ave Off-Ramp to Rive	2779122	0.58	952		952	45	45	549		549
184	2025	ALT2	EB	AM	HOV		Riverside Ave On-Ramp to Pep	2779122	0.20	952		952	45	45	190		190
185	2025	ALT2	EB	AM	HOV		Pepper Ave Off-Ramp to Peppe	2779122	0.66	952		952	45	45	628		628

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
186	2025	ALT2	EB	AM	HOV		Pepper Ave On-Ramp to Ranch	2779122	0.26	952		952	45	45	248		248
187	2025	ALT2	EB	AM	HOV		Rancho Ave Off-Ramp to Ranch	2779122	0.41	952		952	45	45	392		392
188	2025	ALT2	EB	AM	HOV		Rancho Ave On-Ramp to La Ca	2779122	0.18	952		952	45	45	171		171
189	2025	ALT2	EB	AM	HOV		La Cadena Dr/9th St Off-Ramp	2779122	0.53	952		952	45	45	504		504
190	2025	ALT2	EB	AM	HOV		La Cadena Dr/9th St On-Ramp	2779122	0.03	952		952	45	45	27		27
191	2025	ALT2	EB	AM	HOV		Mt Vernon Ave Off-Ramp to M	2779128	0.61	1026		1026	60	50	621		621
192	2025	ALT2	EB	AM	HOV		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	1026		1026	60	50	50		50
193	2025	ALT2	EB	AM	HOV		I-215 Off-Ramp to I-215 NB On	2779128	0.94	1026		1026	60	50	966		966
194	2025	ALT2	EB	AM	HOV		I-215 NB On-Ramp to I-215 SB	2779128	0.11	1026		1026	60	50	112		112
195	2025	ALT2	EB	AM	HOV		I-215 SB On-Ramp to Redlands	2779128	0.13	1026		1026	60	50	133		133
196	2025	ALT2	EB	AM	HOV		Redlands Blvd Off-Ramp to Wa	2779128	0.11	1026		1026	60	50	111		111
197	2025	ALT2	EB	AM	HOV		Waterman Ave Off-Ramp to W	2779128	0.63	1026		1026	60	50	648		648
198	2025	ALT2	EB	AM	HOV		Waterman Ave On-Ramp to An	2779128	0.28	1026		1026	60	50	290		290
199	2025	ALT2	EB	AM	HOV		Anderson St Off-Ramp to Ande	2760301	0.40	1728		1728	57	50	698		698
200	2025	ALT2	EB	AM	HOV		Anderson St On-Ramp to Mour	2760301	0.21	1728		1728	57	50	360		360
201	2025	ALT2	EB	AM	HOV		Mountain View Ave Off-Ramp t	2760301	0.79	1728		1728	57	50	1366		1366
202	2025	ALT2	EB	AM	HOV		Mountain View Ave On-Ramp t	2760301	0.18	1728		1728	57	50	317		317
203	2025	ALT2	EB	AM	HOV		California St Off-Ramp to Califc	2760301	0.84	1728		1728	57	50	1455		1455
204	2025	ALT2	EB	AM	HOV		California St On-Ramp to Alaba	2731614	0.18	1796		1796	56	50	316		316
205	2025	ALT2	EB	AM	HOV		Alabama St Off-Ramp to SR-21	2731614	0.39	1796		1796	56	50	703		703
206	2025	ALT2	EB	AM	HOV		SR-210 NB Off-Ramp to Tennes	2731614	0.18	1796		1796	56	50	317		317
207	2025	ALT2	EB	AM	HOV		Tennessee St Off-Ramp to Ten	2731614	0.64	1796		1796	56	50	1155		1155
208	2025	ALT2	EB	AM	HOV		Tennessee St On-Ramp to SR-2	2731614	0.20	1796		1796	56	50	356		356
209	2025	ALT2	EB	AM	HOV		SR-210 SB On-Ramp to Eureka	2731614	0.05	1796		1796	56	50	91		91
210	2025	ALT2	EB	AM	HOV		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	2597		2597	52	50	1119		1119
211	2025	ALT2	EB	AM	HOV		Pearl Ave On-Ramp to Universi	2760225	0.30	2597		2597	52	50	772		772
212	2025	ALT2	EB	AM	HOV		University St Off-Ramp to Cypr	2760225	0.80	2597		2597	52	50	2066		2066
213	2025	ALT2	EB	AM	HOV		Cypress Ave On-Ramp to Ford	2760225	0.46	2597		2597	52	50	1189		1189
214	2025	ALT2	EB	AM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2025	ALT2	EB	AM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2025	ALT2	EB	MD	Mainline		LA County Line to Monte Vista	25707	0.26	33619	4505	38124	57	50	8614	1154	9768
2	2025	ALT2	EB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	30331	4416	34747	58	50	20516	2987	23503
3	2025	ALT2	EB	MD	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	37350	4551	41901	59	50	1090	133	1223
4	2025	ALT2	EB	MD	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	33019	4484	37503	57	50	18886	2565	21451
5	2025	ALT2	EB	MD	Mainline		Central Ave On-Ramp to Moun	23488	0.21	34227	4587	38814	60	50	7119	954	8073
6	2025	ALT2	EB	MD	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	30174	4433	34608	59	50	10346	1520	11866
7	2025	ALT2	EB	MD	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	33682	4588	38270	57	50	16100	2193	18292
8	2025	ALT2	EB	MD	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	29536	4425	33961	59	50	19061	2855	21916
9	2025	ALT2	EB	MD	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	35199	4532	39731	56	50	18019	2320	20338
10	2025	ALT2	EB	MD	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	27578	4334	31912	59	50	4744	746	5490
11	2025	ALT2	EB	MD	Mainline		San Bernardino Ave/4th St On-	23534	0.33	31593	4450	36043	58	50	10396	1464	11860
12	2025	ALT2	EB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	28243	4165	32409	59	50	6905	1018	7923
13	2025	ALT2	EB	MD	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	33872	4278	38149	62	50	6516	823	7339
14	2025	ALT2	EB	MD	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	30733	4054	34787	61	50	10403	1372	11775
15	2025	ALT2	EB	MD	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	36940	4475	41415	58	50	14411	1746	16156
16	2025	ALT2	EB	MD	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	38141	4543	42684	57	50	8512	1014	9526
17	2025	ALT2	EB	MD	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	31388	4300	35688	57	50	13057	1789	14846
18	2025	ALT2	EB	MD	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	33297	4381	37678	59	50	10396	1368	11763
19	2025	ALT2	EB	MD	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	34415	4552	38967	61	50	7713	1020	8733

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
20	2025	ALT2	EB	MD	Mainline		Milliken Ave Off-Ramp to Milli	23622	0.53	29738	4188	33927	60	50	15770	2221	17992
21	2025	ALT2	EB	MD	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	33944	4421	38365	61	50	1803	235	2038
22	2025	ALT2	EB	MD	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	27553	2786	30339	61	50	6842	692	7534
23	2025	ALT2	EB	MD	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	22121	2308	24430	61	50	6785	708	7493
24	2025	ALT2	EB	MD	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	27976	2653	30629	62	50	6061	575	6636
25	2025	ALT2	EB	MD	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	28928	2699	31628	61	50	4072	380	4452
26	2025	ALT2	EB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	26902	2400	29301	62	50	34422	3070	37492
27	2025	ALT2	EB	MD	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	28167	2522	30688	63	50	26040	2331	28371
28	2025	ALT2	EB	MD	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	23892	2071	25963	63	50	14555	1261	15816
29	2025	ALT2	EB	MD	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	27380	2290	29670	63	50	9760	816	10576
30	2025	ALT2	EB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	25795	2159	27953	63	50	16336	1367	17703
31	2025	ALT2	EB	MD	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	26997	2245	29242	63	50	12098	1006	13104
32	2025	ALT2	EB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	24925	2164	27089	63	50	13353	1159	14513
33	2025	ALT2	EB	MD	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	26936	2239	29176	62	50	12621	1049	13670
34	2025	ALT2	EB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	21767	1966	23733	62	50	13875	1253	15128
35	2025	ALT2	EB	MD	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	25523	2042	27565	62	50	7895	632	8526
36	2025	ALT2	EB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	25325	2042	27366	62	50	9385	757	10141
37	2025	ALT2	EB	MD	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	25325	2042	27366	62	50	12640	1019	13659
38	2025	ALT2	EB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	21898	1798	23696	62	50	18587	1526	20113
39	2025	ALT2	EB	MD	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	24649	1890	26539	62	50	19607	1503	21111
40	2025	ALT2	EB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	21972	1738	23710	63	50	12675	1003	13678
41	2025	ALT2	EB	MD	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	25047	1857	26905	62	50	4999	371	5369
42	2025	ALT2	EB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	23413	1785	25197	61	50	15446	1177	16623
43	2025	ALT2	EB	MD	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	25155	1825	26980	62	50	6554	476	7030
44	2025	ALT2	EB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	23540	1750	25291	61	50	9700	721	10421
45	2025	ALT2	EB	MD	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	24261	1767	26028	62	50	4357	317	4674
46	2025	ALT2	EB	MD	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	22606	1661	24267	62	50	11967	879	12847
47	2025	ALT2	EB	MD	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	23926	1687	25613	63	50	671	47	719
48	2025	ALT2	EB	MD	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	22472	1617	24089	63	50	13612	979	14592
49	2025	ALT2	EB	MD	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	24053	1646	25699	62	50	1164	80	1244
50	2025	ALT2	EB	MD	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	20054	1403	21457	62	50	18889	1322	20211
51	2025	ALT2	EB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	30740	2115	32855	61	50	3370	232	3601
52	2025	ALT2	EB	MD	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	39928	2616	42545	60	50	5170	339	5509
53	2025	ALT2	EB	MD	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	35589	2521	38110	59	50	3869	274	4143
54	2025	ALT2	EB	MD	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	32998	2397	35395	57	50	20838	1514	22352
55	2025	ALT2	EB	MD	Mainline		Waterman Ave On-Ramp to An	24356	0.28	33112	2462	35574	60	50	9355	696	10050
56	2025	ALT2	EB	MD	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	29335	2311	31646	59	50	11854	934	12788
57	2025	ALT2	EB	MD	Mainline		Anderson St On-Ramp to Mour	24003	0.21	30673	2322	32994	63	50	6382	483	6865
58	2025	ALT2	EB	MD	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	27322	2139	29461	62	50	21596	1691	23287
59	2025	ALT2	EB	MD	Mainline		Mountain View Ave On-Ramp t	24040	0.18	30485	2227	32711	63	50	5596	409	6004
60	2025	ALT2	EB	MD	Mainline		California St Off-Ramp to Califc	24075	0.84	27630	2068	29698	62	50	23252	1740	24992
61	2025	ALT2	EB	MD	Mainline		California St On-Ramp to Alaba	24046	0.18	29070	2100	31170	63	50	5109	369	5478
62	2025	ALT2	EB	MD	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	25739	1960	27699	63	50	10078	767	10845
63	2025	ALT2	EB	MD	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	21909	1778	23687	63	50	3870	314	4184
64	2025	ALT2	EB	MD	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	18494	1584	20078	62	50	11896	1019	12915
65	2025	ALT2	EB	MD	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	20274	1619	21894	62	50	4023	321	4344
66	2025	ALT2	EB	MD	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	27321	2849	30170	62	50	1382	144	1527
67	2025	ALT2	EB	MD	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	20536	2721	23258	62	50	8846	1172	10019
68	2025	ALT2	EB	MD	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	22118	2760	24878	63	50	6574	820	7394

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
69	2025	ALT2	EB	MD	Mainline		University St Off-Ramp to Cypr	23724	0.80	18431	2653	21084	62	50	14662	2110	16772
70	2025	ALT2	EB	MD	Mainline		Cypress Ave On-Ramp to Ford S	23642	0.46	19055	2666	21721	64	50	8723	1221	9944
71	2025	ALT2	EB	MD	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	16910	2613	19523	63	50	10993	1699	12692
72	2025	ALT2	EB	MD	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	18630	2635	21266	64	50	10991	1555	12546
73	2025	ALT2	EB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	3287	89	3377	17	17	622	17	639
74	2025	ALT2	EB	MD	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2114	135	2248	17	17	273	17	290
75	2025	ALT2	EB	MD	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	4332	66	4398	11	11	563	9	572
76	2025	ALT2	EB	MD	Ramp	ON	Central Ave On-Ramp	2668755	0.19	3408	103	3511	13	13	638	19	658
77	2025	ALT2	EB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3654	154	3808	15	15	591	25	616
78	2025	ALT2	EB	MD	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	3508	154	3662	13	13	409	18	427
79	2025	ALT2	EB	MD	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	4146	163	4310	11	11	608	24	631
80	2025	ALT2	EB	MD	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2725	107	2832	15	15	953	37	991
81	2025	ALT2	EB	MD	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	5784	197	5981	23	23	1837	63	1899
82	2025	ALT2	EB	MD	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	4016	116	4131	18	18	945	27	972
83	2025	ALT2	EB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	3350	285	3635	27	27	341	29	370
84	2025	ALT2	EB	MD	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	3731	113	3843	29	29	467	14	481
85	2025	ALT2	EB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	3138	224	3363	32	32	913	65	978
86	2025	ALT2	EB	MD	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5294	421	5716	22	22	1207	96	1303
87	2025	ALT2	EB	MD	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1200	68	1269	18	18	279	16	294
88	2025	ALT2	EB	MD	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	6752	244	6996	19	19	958	35	992
89	2025	ALT2	EB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1546	82	1627	17	17	189	10	199
90	2025	ALT2	EB	MD	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1119	171	1289	18	18	313	48	361
91	2025	ALT2	EB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	4677	363	5040	23	23	826	64	890
92	2025	ALT2	EB	MD	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3475	233	3708	11	11	672	45	717
93	2025	ALT2	EB	MD	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	6391	1636	8027	31	31	7095	1816	8910
94	2025	ALT2	EB	MD	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	5431	477	5909	23	23	3133	275	3408
95	2025	ALT2	EB	MD	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	5854	345	6199	22	22	653	38	691
96	2025	ALT2	EB	MD	Ramp	ON	I-15 SB On-Ramp	23557	1.20	953	46	999	35	35	1140	55	1196
97	2025	ALT2	EB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	2026	300	2326	28	28	398	59	457
98	2025	ALT2	EB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1421	122	1543	29	29	508	44	552
99	2025	ALT2	EB	MD	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4275	451	4726	31	31	872	92	963
100	2025	ALT2	EB	MD	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	3526	220	3745	29	29	1086	68	1154
101	2025	ALT2	EB	MD	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	1586	131	1717	34	34	547	45	592
102	2025	ALT2	EB	MD	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1307	86	1393	30	30	386	25	411
103	2025	ALT2	EB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2072	81	2153	34	34	277	11	288
104	2025	ALT2	EB	MD	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2052	75	2127	19	19	550	20	571
105	2025	ALT2	EB	MD	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	5169	274	5443	24	24	606	32	638
106	2025	ALT2	EB	MD	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3847	76	3923	12	12	113	2	115
107	2025	ALT2	EB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2025	ALT2	EB	MD	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2025	ALT2	EB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	3426	244	3670	27	27	626	45	671
110	2025	ALT2	EB	MD	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2751	92	2843	19	19	1131	38	1169
111	2025	ALT2	EB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	2677	152	2829	33	33	336	19	355
112	2025	ALT2	EB	MD	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3210	119	3329	18	18	968	36	1004
113	2025	ALT2	EB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1635	73	1708	25	25	499	22	522
114	2025	ALT2	EB	MD	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1881	40	1922	17	17	688	15	703
115	2025	ALT2	EB	MD	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2025	ALT2	EB	MD	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	809	17	826	19	19	258	5	263
117	2025	ALT2	EB	MD	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1655	106	1761	25	25	410	26	437

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
118	2025	ALT2	EB	MD	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1320	26	1346	20	20	373	7	381
119	2025	ALT2	EB	MD	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1454	70	1524	25	25	611	30	641
120	2025	ALT2	EB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1694	30	1723	19	19	440	8	447
121	2025	ALT2	EB	MD	Ramp	OFF	I-215 Off-Ramp	24444	0.24	3999	243	4242	34	34	941	57	998
122	2025	ALT2	EB	MD	Ramp	ON	I-215 NB On-Ramp	24630	0.87	10687	711	11398	28	28	9287	618	9906
123	2025	ALT2	EB	MD	Ramp	ON	I-215 SB On-Ramp	24516	0.76	9188	502	9690	30	30	6965	380	7346
124	2025	ALT2	EB	MD	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	4339	96	4435	8	8	395	9	403
125	2025	ALT2	EB	MD	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	2591	123	2715	18	18	645	31	675
126	2025	ALT2	EB	MD	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1940	65	2005	16	16	270	9	279
127	2025	ALT2	EB	MD	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3728	151	3880	11	11	939	38	977
128	2025	ALT2	EB	MD	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1337	11	1348	18	18	137	1	139
129	2025	ALT2	EB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	3351	183	3534	22	22	984	54	1038
130	2025	ALT2	EB	MD	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	3231	88	3319	29	29	736	20	757
131	2025	ALT2	EB	MD	Ramp	OFF	California St Off-Ramp	94801	0.46	2854	159	3013	25	25	1299	72	1372
132	2025	ALT2	EB	MD	Ramp	ON	California St On-Ramp	95942	0.39	1639	32	1671	28	28	635	12	647
133	2025	ALT2	EB	MD	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	3331	140	3472	22	22	1445	61	1506
134	2025	ALT2	EB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	3830	182	4011	29	29	3168	150	3318
135	2025	ALT2	EB	MD	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	3415	194	3609	21	21	1172	67	1238
136	2025	ALT2	EB	MD	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1780	36	1816	17	17	189	4	192
137	2025	ALT2	EB	MD	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	7046	1230	8276	28	28	7478	1305	8783
138	2025	ALT2	EB	MD	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	4552	128	4680	9	9	405	11	417
139	2025	ALT2	EB	MD	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1582	39	1620	18	18	469	11	480
140	2025	ALT2	EB	MD	Ramp	OFF	University St Off-Ramp	94695	0.28	3687	107	3794	15	15	1031	30	1061
141	2025	ALT2	EB	MD	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	779	13	793	29	29	236	4	240
142	2025	ALT2	EB	MD	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3316	53	3369	23	23	911	15	926
143	2025	ALT2	EB	MD	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	1721	22	1743	29	29	648	8	656
144	2025	ALT2	EB	MD	HOV		LA County Line to Monte Vista	2664669	0.26	9111		9111	41	41	2334		2334
145	2025	ALT2	EB	MD	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	9111		9111	41	41	6163		6163
146	2025	ALT2	EB	MD	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	9111		9111	41	41	266		266
147	2025	ALT2	EB	MD	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	9111		9111	41	41	5211		5211
148	2025	ALT2	EB	MD	HOV		Central Ave On-Ramp to Moun	2664669	0.21	9111		9111	41	41	1895		1895
149	2025	ALT2	EB	MD	HOV		Mountain Ave Off-Ramp to Mc	2664669	0.34	9111		9111	41	41	3124		3124
150	2025	ALT2	EB	MD	HOV		Mountain Ave On-Ramp to Euc	2779098	0.48	6803		6803	48	48	3252		3252
151	2025	ALT2	EB	MD	HOV		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	6803		6803	48	48	4390		4390
152	2025	ALT2	EB	MD	HOV		Euclid Ave On-Ramp to San Ber	2779098	0.51	6803		6803	48	48	3483		3483
153	2025	ALT2	EB	MD	HOV		San Bernardino Ave/4th St Off-	2665612	0.17	5702		5702	56	50	981		981
154	2025	ALT2	EB	MD	HOV		San Bernardino Ave/4th St On-	2665612	0.33	5702		5702	56	50	1876		1876
155	2025	ALT2	EB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	5702		5702	56	50	1394		1394
156	2025	ALT2	EB	MD	HOV		Vineyard Ave On-Ramp to Arch	2665612	0.19	5702		5702	56	50	1097		1097
157	2025	ALT2	EB	MD	HOV		Archibald Ave Off-Ramp to Hol	2665612	0.34	5702		5702	56	50	1930		1930
158	2025	ALT2	EB	MD	HOV		Holt Blvd On-Ramp to Archibal	2665612	0.39	5702		5702	56	50	2225		2225
159	2025	ALT2	EB	MD	HOV		Archibald Ave On-Ramp to Hav	2665612	0.22	5702		5702	56	50	1273		1273
160	2025	ALT2	EB	MD	HOV		Haven Ave Off-Ramp to Haven	2665612	0.42	5702		5702	56	50	2372		2372
161	2025	ALT2	EB	MD	HOV		Haven Ave Loop On-Ramp to H	2778934	0.31	2530		2530	59	50	790		790
162	2025	ALT2	EB	MD	HOV		Haven Ave On-Ramp to Millike	2778934	0.22	2530		2530	59	50	567		567
163	2025	ALT2	EB	MD	HOV		Milliken Ave Off-Ramp to Millik	2778934	0.53	2530		2530	59	50	1342		1342
164	2025	ALT2	EB	MD	HOV		Milliken Ave Loop On-Ramp to	2778934	0.05	2530		2530	59	50	134		134
165	2025	ALT2	EB	MD	HOV		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	2530		2530	59	50	628		628
166	2025	ALT2	EB	MD	HOV		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	2530		2530	59	50	776		776

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
167	2025	ALT2	EB	MD	HOV		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	2530		2530	59	50	548		548
168	2025	ALT2	EB	MD	HOV		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	2530		2530	59	50	356		356
169	2025	ALT2	EB	MD	HOV		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	2530		2530	59	50	3237		3237
170	2025	ALT2	EB	MD	HOV		Etiwanda Ave On-Ramp to Che	2778934	0.92	2530		2530	59	50	2339		2339
171	2025	ALT2	EB	MD	HOV		Cherry Ave Off-Ramp to Cherry	2760156	0.61	1993		1993	60	50	1214		1214
172	2025	ALT2	EB	MD	HOV		Cherry Ave On-Ramp to Beach	2760156	0.36	1993		1993	60	50	711		711
173	2025	ALT2	EB	MD	HOV		Beach Ave Off-Ramp to Beach	2760156	0.63	1993		1993	60	50	1262		1262
174	2025	ALT2	EB	MD	HOV		BeachAve On-Ramp to Citrus A	2760156	0.45	1993		1993	60	50	893		893
175	2025	ALT2	EB	MD	HOV		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	1993		1993	60	50	1068		1068
176	2025	ALT2	EB	MD	HOV		Citrus Ave On-Ramp to Sierra A	2760156	0.47	1993		1993	60	50	934		934
177	2025	ALT2	EB	MD	HOV		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	1993		1993	60	50	1271		1271
178	2025	ALT2	EB	MD	HOV		Sierra Ave On-Ramp to Alder A	2760156	0.31	1993		1993	60	50	617		617
179	2025	ALT2	EB	MD	HOV		Alder Ave Off-Ramp to Alder A	2779122	0.37	2428		2428	44	44	900		900
180	2025	ALT2	EB	MD	HOV		Alder Ave On-Ramp to Cedar A	2779122	0.50	2428		2428	44	44	1212		1212
181	2025	ALT2	EB	MD	HOV		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	2428		2428	44	44	2061		2061
182	2025	ALT2	EB	MD	HOV		Cedar Ave On-Ramp to Riversic	2779122	0.80	2428		2428	44	44	1931		1931
183	2025	ALT2	EB	MD	HOV		Riverside Ave Off-Ramp to Rive	2779122	0.58	2428		2428	44	44	1401		1401
184	2025	ALT2	EB	MD	HOV		Riverside Ave On-Ramp to Pep	2779122	0.20	2428		2428	44	44	484		484
185	2025	ALT2	EB	MD	HOV		Pepper Ave Off-Ramp to Peppe	2779122	0.66	2428		2428	44	44	1602		1602
186	2025	ALT2	EB	MD	HOV		Pepper Ave On-Ramp to Ranch	2779122	0.26	2428		2428	44	44	633		633
187	2025	ALT2	EB	MD	HOV		Rancho Ave Off-Ramp to Ranch	2779122	0.41	2428		2428	44	44	1000		1000
188	2025	ALT2	EB	MD	HOV		Rancho Ave On-Ramp to La Ca	2779122	0.18	2428		2428	44	44	436		436
189	2025	ALT2	EB	MD	HOV		La Cadena Dr/9th St Off-Ramp	2779122	0.53	2428		2428	44	44	1285		1285
190	2025	ALT2	EB	MD	HOV		La Cadena Dr/9th St On-Ramp	2779122	0.03	2428		2428	44	44	68		68
191	2025	ALT2	EB	MD	HOV		Mt Vernon Ave Off-Ramp to M	2779128	0.61	2790		2790	58	50	1690		1690
192	2025	ALT2	EB	MD	HOV		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	2790		2790	58	50	135		135
193	2025	ALT2	EB	MD	HOV		I-215 Off-Ramp to I-215 NB On	2779128	0.94	2790		2790	58	50	2628		2628
194	2025	ALT2	EB	MD	HOV		I-215 NB On-Ramp to I-215 SB	2779128	0.11	2790		2790	58	50	306		306
195	2025	ALT2	EB	MD	HOV		I-215 SB On-Ramp to Redlands	2779128	0.13	2790		2790	58	50	361		361
196	2025	ALT2	EB	MD	HOV		Redlands Blvd Off-Ramp to Wa	2779128	0.11	2790		2790	58	50	303		303
197	2025	ALT2	EB	MD	HOV		Waterman Ave Off-Ramp to W	2779128	0.63	2790		2790	58	50	1762		1762
198	2025	ALT2	EB	MD	HOV		Waterman Ave On-Ramp to An	2779128	0.28	2790		2790	58	50	788		788
199	2025	ALT2	EB	MD	HOV		Anderson St Off-Ramp to Ande	2760301	0.40	4777		4777	53	50	1930		1930
200	2025	ALT2	EB	MD	HOV		Anderson St On-Ramp to Mour	2760301	0.21	4777		4777	53	50	994		994
201	2025	ALT2	EB	MD	HOV		Mountain View Ave Off-Ramp t	2760301	0.79	4777		4777	53	50	3776		3776
202	2025	ALT2	EB	MD	HOV		Mountain View Ave On-Ramp t	2760301	0.18	4777		4777	53	50	877		877
203	2025	ALT2	EB	MD	HOV		California St Off-Ramp to Califc	2760301	0.84	4777		4777	53	50	4020		4020
204	2025	ALT2	EB	MD	HOV		California St On-Ramp to Alaba	2731614	0.18	5044		5044	52	50	887		887
205	2025	ALT2	EB	MD	HOV		Alabama St Off-Ramp to SR-21	2731614	0.39	5044		5044	52	50	1975		1975
206	2025	ALT2	EB	MD	HOV		SR-210 NB Off-Ramp to Tennes	2731614	0.18	5044		5044	52	50	891		891
207	2025	ALT2	EB	MD	HOV		Tennessee St Off-Ramp to Ten	2731614	0.64	5044		5044	52	50	3244		3244
208	2025	ALT2	EB	MD	HOV		Tennessee St On-Ramp to SR-2	2731614	0.20	5044		5044	52	50	1001		1001
209	2025	ALT2	EB	MD	HOV		SR-210 SB On-Ramp to Eureka	2731614	0.05	5044		5044	52	50	255		255
210	2025	ALT2	EB	MD	HOV		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	7276		7276	45	45	3134		3134
211	2025	ALT2	EB	MD	HOV		Pearl Ave On-Ramp to Universi	2760225	0.30	7276		7276	45	45	2163		2163
212	2025	ALT2	EB	MD	HOV		University St Off-Ramp to Cypr	2760225	0.80	7276		7276	45	45	5788		5788
213	2025	ALT2	EB	MD	HOV		Cypress Ave On-Ramp to Ford	2760225	0.46	7276		7276	45	45	3331		3331
214	2025	ALT2	EB	MD	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2025	ALT2	EB	MD	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
1	2025	ALT2	EB	PM	Mainline		LA County Line to Monte Vista	25707	0.26	34068	2828	36896	36	36	8729	725	9453
2	2025	ALT2	EB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	31386	2786	34172	45	45	21229	1884	23114
3	2025	ALT2	EB	PM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	35304	2886	38190	48	48	1031	84	1115
4	2025	ALT2	EB	PM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	31966	2834	34799	43	43	18284	1621	19905
5	2025	ALT2	EB	PM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	34181	2891	37072	50	50	7109	601	7710
6	2025	ALT2	EB	PM	Mainline		Mountain Ave Off-Ramp to Mo	2778899	0.34	30627	2836	33463	49	49	10501	972	11474
7	2025	ALT2	EB	PM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	33383	2955	36338	38	38	15957	1413	17369
8	2025	ALT2	EB	PM	Mainline		Euclid Ave Off-Ramp to Euclid A	23438	0.65	30002	2895	32898	48	48	19362	1868	21230
9	2025	ALT2	EB	PM	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	33358	2953	36311	38	38	17076	1512	18588
10	2025	ALT2	EB	PM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	27738	2840	30578	51	50	4772	489	5260
11	2025	ALT2	EB	PM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	30543	2899	33442	46	46	10050	954	11004
12	2025	ALT2	EB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	28747	2755	31502	50	50	7028	673	7702
13	2025	ALT2	EB	PM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	33721	2862	36583	56	50	6487	551	7038
14	2025	ALT2	EB	PM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	29940	2719	32659	54	50	10134	920	11055
15	2025	ALT2	EB	PM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	35314	2928	38242	46	46	13776	1142	14919
16	2025	ALT2	EB	PM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	37048	2972	40020	42	42	8269	663	8932
17	2025	ALT2	EB	PM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	32404	2869	35273	39	39	13480	1193	14673
18	2025	ALT2	EB	PM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	34628	2922	37551	47	47	10811	912	11724
19	2025	ALT2	EB	PM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	37130	3015	40145	52	50	8321	676	8997
20	2025	ALT2	EB	PM	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	34693	2788	37481	48	48	18398	1478	19877
21	2025	ALT2	EB	PM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	38879	2879	41758	50	50	2065	153	2218
22	2025	ALT2	EB	PM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	31748	2004	33752	53	50	7884	498	8381
23	2025	ALT2	EB	PM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	27189	1739	28928	52	50	8339	533	8872
24	2025	ALT2	EB	PM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	33447	1936	35383	55	50	7246	419	7666
25	2025	ALT2	EB	PM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	34245	1962	36207	50	50	4821	276	5097
26	2025	ALT2	EB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	32470	1758	34228	52	50	41546	2249	43795
27	2025	ALT2	EB	PM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	34852	1854	36706	56	50	32220	1714	33935
28	2025	ALT2	EB	PM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	30617	1631	32248	55	50	18651	993	19645
29	2025	ALT2	EB	PM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	35269	1770	37040	56	50	12572	631	13203
30	2025	ALT2	EB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	33019	1689	34707	58	50	20911	1069	21981
31	2025	ALT2	EB	PM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	34640	1743	36383	57	50	15523	781	16304
32	2025	ALT2	EB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	31476	1685	33161	54	50	16863	903	17765
33	2025	ALT2	EB	PM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	32875	1737	34611	54	50	15403	814	16217
34	2025	ALT2	EB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	27240	1587	28826	54	50	17363	1011	18375
35	2025	ALT2	EB	PM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	30586	1627	32213	56	50	9461	503	9964
36	2025	ALT2	EB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	30648	1627	32275	56	50	11358	603	11960
37	2025	ALT2	EB	PM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	30648	1627	32275	56	50	15297	812	16109
38	2025	ALT2	EB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	26626	1510	28135	55	50	22600	1281	23881
39	2025	ALT2	EB	PM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	28899	1573	30472	58	50	22988	1251	24239
40	2025	ALT2	EB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	25774	1448	27222	59	50	14868	836	15704
41	2025	ALT2	EB	PM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	28863	1512	30375	58	50	5760	302	6062
42	2025	ALT2	EB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	26975	1476	28451	55	50	17796	974	18769
43	2025	ALT2	EB	PM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	28240	1499	29739	58	50	7358	391	7749
44	2025	ALT2	EB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	26347	1448	27795	55	50	10856	597	11453
45	2025	ALT2	EB	PM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	27550	1474	29024	58	50	4947	265	5212
46	2025	ALT2	EB	PM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	26013	1416	27429	56	50	13771	750	14520
47	2025	ALT2	EB	PM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	27817	1437	29254	58	50	781	40	821
48	2025	ALT2	EB	PM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	26759	1391	28149	59	50	16209	842	17051
49	2025	ALT2	EB	PM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	27764	1408	29172	57	50	1344	68	1412

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
50	2025	ALT2	EB	PM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	21918	1210	23128	58	50	20645	1139	21785
51	2025	ALT2	EB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	31903	1548	33451	54	50	3497	170	3667
52	2025	ALT2	EB	PM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	38793	1851	40644	52	50	5023	240	5263
53	2025	ALT2	EB	PM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	35750	1806	37556	48	48	3886	196	4082
54	2025	ALT2	EB	PM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	33956	1704	35661	39	39	21443	1076	22519
55	2025	ALT2	EB	PM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	34653	1734	36387	50	50	9790	490	10280
56	2025	ALT2	EB	PM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	32448	1638	34086	44	44	13112	662	13774
57	2025	ALT2	EB	PM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	34362	1644	36006	57	50	7149	342	7491
58	2025	ALT2	EB	PM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	31780	1553	33333	53	50	25120	1228	26348
59	2025	ALT2	EB	PM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	35653	1605	37258	56	50	6544	295	6839
60	2025	ALT2	EB	PM	Mainline		California St Off-Ramp to Califc	24075	0.84	33698	1512	35211	50	50	28358	1273	29631
61	2025	ALT2	EB	PM	Mainline		California St On-Ramp to Alaba	24046	0.18	36141	1541	37682	55	50	6352	271	6623
62	2025	ALT2	EB	PM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	33630	1458	35088	58	50	13168	571	13738
63	2025	ALT2	EB	PM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	27410	1352	28762	58	50	4841	239	5080
64	2025	ALT2	EB	PM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	24682	1261	25943	57	50	15876	811	16688
65	2025	ALT2	EB	PM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	26991	1282	28274	55	50	5355	254	5610
66	2025	ALT2	EB	PM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	34228	2051	36279	52	50	1732	104	1836
67	2025	ALT2	EB	PM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	28978	1971	30949	51	50	12483	849	13332
68	2025	ALT2	EB	PM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	30483	1992	32475	56	50	9060	592	9652
69	2025	ALT2	EB	PM	Mainline		University St Off-Ramp to Cypr	23724	0.80	27314	1957	29271	54	50	21729	1556	23285
70	2025	ALT2	EB	PM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	28247	1964	30211	60	50	12931	899	13830
71	2025	ALT2	EB	PM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	25648	1937	27585	59	50	16674	1259	17933
72	2025	ALT2	EB	PM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	27522	1948	29470	62	50	16237	1149	17386
73	2025	ALT2	EB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2682	42	2724	13	13	507	8	515
74	2025	ALT2	EB	PM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1997	100	2097	14	14	258	13	271
75	2025	ALT2	EB	PM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3338	52	3391	6	6	434	7	441
76	2025	ALT2	EB	PM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2624	58	2682	11	11	492	11	502
77	2025	ALT2	EB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3159	56	3215	8	8	511	9	520
78	2025	ALT2	EB	PM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2756	120	2875	10	10	321	14	335
79	2025	ALT2	EB	PM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3381	60	3441	6	6	495	9	504
80	2025	ALT2	EB	PM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2187	58	2245	14	14	765	20	785
81	2025	ALT2	EB	PM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	5147	113	5260	19	19	1634	36	1670
82	2025	ALT2	EB	PM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	2805	60	2864	18	18	660	14	674
83	2025	ALT2	EB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1796	145	1941	28	28	183	15	197
84	2025	ALT2	EB	PM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	4150	108	4258	27	27	520	13	533
85	2025	ALT2	EB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	3781	143	3924	29	29	1100	42	1141
86	2025	ALT2	EB	PM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5090	209	5299	17	17	1160	48	1208
87	2025	ALT2	EB	PM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1734	44	1778	15	15	402	10	413
88	2025	ALT2	EB	PM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	4644	104	4748	18	18	659	15	674
89	2025	ALT2	EB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1924	54	1978	14	14	235	7	241
90	2025	ALT2	EB	PM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	2501	92	2594	10	10	700	26	726
91	2025	ALT2	EB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2436	227	2663	25	25	430	40	470
92	2025	ALT2	EB	PM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3041	91	3132	7	7	588	18	606
93	2025	ALT2	EB	PM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	7131	876	8006	27	27	7916	972	8888
94	2025	ALT2	EB	PM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	4559	265	4824	19	19	2630	153	2782
95	2025	ALT2	EB	PM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	6258	197	6455	9	9	698	22	720
96	2025	ALT2	EB	PM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	798	26	824	35	35	956	31	987
97	2025	ALT2	EB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1775	204	1979	27	27	349	40	389
98	2025	ALT2	EB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1896	97	1993	27	27	678	35	713

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
99	2025	ALT2	EB	PM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4235	224	4458	28	28	863	46	909
100	2025	ALT2	EB	PM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	4125	140	4265	27	27	1271	43	1314
101	2025	ALT2	EB	PM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	2251	82	2333	32	32	776	28	804
102	2025	ALT2	EB	PM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1583	54	1637	29	29	467	16	483
103	2025	ALT2	EB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	3164	58	3222	31	31	423	8	431
104	2025	ALT2	EB	PM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1869	52	1921	19	19	502	14	515
105	2025	ALT2	EB	PM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	5635	150	5785	16	16	660	18	678
106	2025	ALT2	EB	PM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3126	40	3167	8	8	92	1	93
107	2025	ALT2	EB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2025	ALT2	EB	PM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2025	ALT2	EB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4022	117	4140	23	23	735	21	757
110	2025	ALT2	EB	PM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2273	64	2337	18	18	935	26	961
111	2025	ALT2	EB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	3125	125	3250	31	31	392	16	408
112	2025	ALT2	EB	PM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3173	64	3237	17	17	957	19	976
113	2025	ALT2	EB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1888	36	1924	20	20	577	11	588
114	2025	ALT2	EB	PM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1340	23	1363	17	17	490	8	499
115	2025	ALT2	EB	PM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2025	ALT2	EB	PM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	1249	26	1275	17	17	397	8	406
117	2025	ALT2	EB	PM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1537	58	1595	22	22	381	14	395
118	2025	ALT2	EB	PM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1805	20	1825	19	19	510	6	516
119	2025	ALT2	EB	PM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1059	46	1105	25	25	445	19	464
120	2025	ALT2	EB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1592	17	1609	19	19	413	4	418
121	2025	ALT2	EB	PM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	5846	198	6044	33	33	1375	47	1422
122	2025	ALT2	EB	PM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	9985	338	10323	23	23	8677	294	8971
123	2025	ALT2	EB	PM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	6890	303	7193	29	29	5224	230	5453
124	2025	ALT2	EB	PM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3043	45	3089	6	6	277	4	281
125	2025	ALT2	EB	PM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1793	102	1895	17	17	446	25	472
126	2025	ALT2	EB	PM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1994	30	2024	14	14	277	4	281
127	2025	ALT2	EB	PM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2505	96	2601	11	11	631	24	655
128	2025	ALT2	EB	PM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1914	6	1920	14	14	197	1	197
129	2025	ALT2	EB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2582	91	2673	19	19	759	27	785
130	2025	ALT2	EB	PM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	3901	52	3953	27	27	889	12	901
131	2025	ALT2	EB	PM	Ramp	OFF	California St Off-Ramp	94801	0.46	1954	93	2047	24	24	890	42	932
132	2025	ALT2	EB	PM	Ramp	ON	California St On-Ramp	95942	0.39	2464	28	2493	26	26	955	11	966
133	2025	ALT2	EB	PM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2511	83	2594	20	20	1089	36	1125
134	2025	ALT2	EB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	6220	106	6326	28	28	5146	87	5233
135	2025	ALT2	EB	PM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2728	91	2819	17	17	936	31	967
136	2025	ALT2	EB	PM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2309	21	2330	13	13	245	2	247
137	2025	ALT2	EB	PM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	7236	769	8005	26	26	7680	816	8496
138	2025	ALT2	EB	PM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	3472	80	3553	5	5	309	7	316
139	2025	ALT2	EB	PM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1505	21	1526	17	17	446	6	452
140	2025	ALT2	EB	PM	Ramp	OFF	University St Off-Ramp	94695	0.28	3169	35	3204	8	8	886	10	896
141	2025	ALT2	EB	PM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	938	8	946	29	29	284	2	286
142	2025	ALT2	EB	PM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3369	27	3396	10	10	926	8	933
143	2025	ALT2	EB	PM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	1874	11	1885	29	29	706	4	710
144	2025	ALT2	EB	PM	HOV		LA County Line to Monte Vista	2664669	0.26	7871		7871	29	29	2017		2017
145	2025	ALT2	EB	PM	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	7871		7871	29	29	5324		5324
146	2025	ALT2	EB	PM	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	7871		7871	29	29	230		230
147	2025	ALT2	EB	PM	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	7871		7871	29	29	4502		4502

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
148	2025	ALT2	EB	PM	HOV		Central Ave On-Ramp to Moun	2664669	0.21	7871		7871	29	29	1637		1637
149	2025	ALT2	EB	PM	HOV		Mountain Ave Off-Ramp to Mc	2664669	0.34	7871		7871	29	29	2699		2699
150	2025	ALT2	EB	PM	HOV		Mountain Ave On-Ramp to Euc	2779098	0.48	6753		6753	36	36	3228		3228
151	2025	ALT2	EB	PM	HOV		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	6753		6753	36	36	4358		4358
152	2025	ALT2	EB	PM	HOV		Euclid Ave On-Ramp to San Be	2779098	0.51	6753		6753	36	36	3457		3457
153	2025	ALT2	EB	PM	HOV		San Bernardino Ave/4th St Off-	2665612	0.17	6058		6058	48	48	1042		1042
154	2025	ALT2	EB	PM	HOV		San Bernardino Ave/4th St On-	2665612	0.33	6058		6058	48	48	1993		1993
155	2025	ALT2	EB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	6058		6058	48	48	1481		1481
156	2025	ALT2	EB	PM	HOV		Vineyard Ave On-Ramp to Arch	2665612	0.19	6058		6058	48	48	1165		1165
157	2025	ALT2	EB	PM	HOV		Archibald Ave Off-Ramp to Hol	2665612	0.34	6058		6058	48	48	2051		2051
158	2025	ALT2	EB	PM	HOV		Holt Blvd On-Ramp to Archibal	2665612	0.39	6058		6058	48	48	2363		2363
159	2025	ALT2	EB	PM	HOV		Archibald Ave On-Ramp to Hav	2665612	0.22	6058		6058	48	48	1352		1352
160	2025	ALT2	EB	PM	HOV		Haven Ave Off-Ramp to Haven	2665612	0.42	6058		6058	48	48	2520		2520
161	2025	ALT2	EB	PM	HOV		Haven Ave Loop On-Ramp to H	2778934	0.31	4649		4649	46	46	1452		1452
162	2025	ALT2	EB	PM	HOV		Haven Ave On-Ramp to Millike	2778934	0.22	4649		4649	46	46	1042		1042
163	2025	ALT2	EB	PM	HOV		Milliken Ave Off-Ramp to Millil	2778934	0.53	4649		4649	46	46	2466		2466
164	2025	ALT2	EB	PM	HOV		Milliken Ave Loop On-Ramp to	2778934	0.05	4649		4649	46	46	247		247
165	2025	ALT2	EB	PM	HOV		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	4649		4649	46	46	1155		1155
166	2025	ALT2	EB	PM	HOV		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	4649		4649	46	46	1426		1426
167	2025	ALT2	EB	PM	HOV		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	4649		4649	46	46	1007		1007
168	2025	ALT2	EB	PM	HOV		I-15 SB On-Ramp to Etiwanda /	2778934	0.14	4649		4649	46	46	654		654
169	2025	ALT2	EB	PM	HOV		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	4649		4649	46	46	5949		5949
170	2025	ALT2	EB	PM	HOV		Etiwanda Ave On-Ramp to Che	2778934	0.92	4649		4649	46	46	4298		4298
171	2025	ALT2	EB	PM	HOV		Cherry Ave Off-Ramp to Cherry	2760156	0.61	2492		2492	56	50	1518		1518
172	2025	ALT2	EB	PM	HOV		Cherry Ave On-Ramp to Beach	2760156	0.36	2492		2492	56	50	888		888
173	2025	ALT2	EB	PM	HOV		Beach Ave Off-Ramp to Beach	2760156	0.63	2492		2492	56	50	1578		1578
174	2025	ALT2	EB	PM	HOV		BeachAve On-Ramp to Citrus A	2760156	0.45	2492		2492	56	50	1117		1117
175	2025	ALT2	EB	PM	HOV		Citrus Ave Off-Ramp to Citrus /	2760156	0.54	2492		2492	56	50	1335		1335
176	2025	ALT2	EB	PM	HOV		Citrus Ave On-Ramp to Sierra A	2760156	0.47	2492		2492	56	50	1168		1168
177	2025	ALT2	EB	PM	HOV		Sierra Ave Off-Ramp to Sierra /	2760156	0.64	2492		2492	56	50	1588		1588
178	2025	ALT2	EB	PM	HOV		Sierra Ave On-Ramp to Alder A	2760156	0.31	2492		2492	56	50	771		771
179	2025	ALT2	EB	PM	HOV		Alder Ave Off-Ramp to Alder A	2779122	0.37	2642		2642	41	41	979		979
180	2025	ALT2	EB	PM	HOV		Alder Ave On-Ramp to Cedar A	2779122	0.50	2642		2642	41	41	1319		1319
181	2025	ALT2	EB	PM	HOV		Cedar Ave Off-Ramp to Cedar /	2779122	0.85	2642		2642	41	41	2243		2243
182	2025	ALT2	EB	PM	HOV		Cedar Ave On-Ramp to Riversic	2779122	0.80	2642		2642	41	41	2102		2102
183	2025	ALT2	EB	PM	HOV		Riverside Ave Off-Ramp to Rive	2779122	0.58	2642		2642	41	41	1524		1524
184	2025	ALT2	EB	PM	HOV		Riverside Ave On-Ramp to Pep	2779122	0.20	2642		2642	41	41	527		527
185	2025	ALT2	EB	PM	HOV		Pepper Ave Off-Ramp to Peppe	2779122	0.66	2642		2642	41	41	1743		1743
186	2025	ALT2	EB	PM	HOV		Pepper Ave On-Ramp to Ranch	2779122	0.26	2642		2642	41	41	688		688
187	2025	ALT2	EB	PM	HOV		Rancho Ave Off-Ramp to Ranch	2779122	0.41	2642		2642	41	41	1089		1089
188	2025	ALT2	EB	PM	HOV		Rancho Ave On-Ramp to La Ca	2779122	0.18	2642		2642	41	41	474		474
189	2025	ALT2	EB	PM	HOV		La Cadena Dr/9th St Off-Ramp	2779122	0.53	2642		2642	41	41	1399		1399
190	2025	ALT2	EB	PM	HOV		La Cadena Dr/9th St On-Ramp	2779122	0.03	2642		2642	41	41	74		74
191	2025	ALT2	EB	PM	HOV		Mt Vernon Ave Off-Ramp to M	2779128	0.61	2847		2847	54	50	1725		1725
192	2025	ALT2	EB	PM	HOV		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	2847		2847	54	50	138		138
193	2025	ALT2	EB	PM	HOV		I-215 Off-Ramp to I-215 NB On	2779128	0.94	2847		2847	54	50	2682		2682
194	2025	ALT2	EB	PM	HOV		I-215 NB On-Ramp to I-215 SB	2779128	0.11	2847		2847	54	50	312		312
195	2025	ALT2	EB	PM	HOV		I-215 SB On-Ramp to Redlands	2779128	0.13	2847		2847	54	50	369		369
196	2025	ALT2	EB	PM	HOV		Redlands Blvd Off-Ramp to Wa	2779128	0.11	2847		2847	54	50	310		310

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
197	2025	ALT2	EB	PM	HOV		Waterman Ave Off-Ramp to W	2779128	0.63	2847		2847	54	50	1798		1798
198	2025	ALT2	EB	PM	HOV		Waterman Ave On-Ramp to An	2779128	0.28	2847		2847	54	50	804		804
199	2025	ALT2	EB	PM	HOV		Anderson St Off-Ramp to Ande	2760301	0.40	4431		4431	47	47	1790		1790
200	2025	ALT2	EB	PM	HOV		Anderson St On-Ramp to Mour	2760301	0.21	4431		4431	47	47	922		922
201	2025	ALT2	EB	PM	HOV		Mountain View Ave Off-Ramp t	2760301	0.79	4431		4431	47	47	3502		3502
202	2025	ALT2	EB	PM	HOV		Mountain View Ave On-Ramp t	2760301	0.18	4431		4431	47	47	813		813
203	2025	ALT2	EB	PM	HOV		California St Off-Ramp to Califc	2760301	0.84	4431		4431	47	47	3729		3729
204	2025	ALT2	EB	PM	HOV		California St On-Ramp to Alaba	2731614	0.18	4481		4481	47	47	788		788
205	2025	ALT2	EB	PM	HOV		Alabama St Off-Ramp to SR-21	2731614	0.39	4481		4481	47	47	1754		1754
206	2025	ALT2	EB	PM	HOV		SR-210 NB Off-Ramp to Tennes	2731614	0.18	4481		4481	47	47	791		791
207	2025	ALT2	EB	PM	HOV		Tennessee St Off-Ramp to Ten	2731614	0.64	4481		4481	47	47	2882		2882
208	2025	ALT2	EB	PM	HOV		Tennessee St On-Ramp to SR-2	2731614	0.20	4481		4481	47	47	889		889
209	2025	ALT2	EB	PM	HOV		SR-210 SB On-Ramp to Eureka	2731614	0.05	4481		4481	47	47	227		227
210	2025	ALT2	EB	PM	HOV		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	6258		6258	37	37	2696		2696
211	2025	ALT2	EB	PM	HOV		Pearl Ave On-Ramp to Universi	2760225	0.30	6258		6258	37	37	1860		1860
212	2025	ALT2	EB	PM	HOV		University St Off-Ramp to Cypr	2760225	0.80	6258		6258	37	37	4978		4978
213	2025	ALT2	EB	PM	HOV		Cypress Ave On-Ramp to Ford	2760225	0.46	6258		6258	37	37	2865		2865
214	2025	ALT2	EB	PM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2025	ALT2	EB	PM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2025	ALT2	EB	NT	Mainline		LA County Line to Monte Vista	25707	0.26	22320	6348	28668	63	50	5719	1626	7345
2	2025	ALT2	EB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	21084	6279	27363	63	50	14261	4247	18508
3	2025	ALT2	EB	NT	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	24735	6364	31098	63	50	722	186	908
4	2025	ALT2	EB	NT	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	21136	6238	27374	63	50	12089	3568	15657
5	2025	ALT2	EB	NT	Mainline		Central Ave On-Ramp to Moun	23488	0.21	22482	6344	28826	63	50	4676	1319	5995
6	2025	ALT2	EB	NT	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	19569	6218	25787	63	50	6710	2132	8842
7	2025	ALT2	EB	NT	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	21948	6358	28306	63	50	10491	3039	13530
8	2025	ALT2	EB	NT	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	18506	6170	24676	63	50	11943	3982	15924
9	2025	ALT2	EB	NT	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	21722	6254	27976	63	50	11119	3201	14321
10	2025	ALT2	EB	NT	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	17217	6084	23301	63	50	2962	1047	4008
11	2025	ALT2	EB	NT	Mainline		San Bernardino Ave/4th St On-	23534	0.33	19195	6159	25354	63	50	6316	2027	8343
12	2025	ALT2	EB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	17771	5893	23665	63	50	4345	1441	5786
13	2025	ALT2	EB	NT	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	20419	5968	26387	64	50	3928	1148	5076
14	2025	ALT2	EB	NT	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	17829	5748	23576	64	50	6035	1946	7980
15	2025	ALT2	EB	NT	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	21944	6163	28107	63	50	8561	2404	10965
16	2025	ALT2	EB	NT	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	22801	6222	29023	63	50	5089	1389	6477
17	2025	ALT2	EB	NT	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	19407	5919	25325	63	50	8073	2462	10535
18	2025	ALT2	EB	NT	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	20136	5989	26125	63	50	6287	1870	8156
19	2025	ALT2	EB	NT	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	20809	6136	26946	64	50	4664	1375	6039
20	2025	ALT2	EB	NT	Mainline		Milliken Ave Off-Ramp to Milli	23622	0.53	18818	5765	24583	63	50	9979	3057	13037
21	2025	ALT2	EB	NT	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	21313	6040	27353	64	50	1132	321	1453
22	2025	ALT2	EB	NT	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	16859	3496	20355	64	50	4186	868	5054
23	2025	ALT2	EB	NT	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	13831	3060	16891	64	50	4242	939	5181
24	2025	ALT2	EB	NT	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	16954	3333	20287	64	50	3673	722	4395
25	2025	ALT2	EB	NT	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	17489	3372	20861	64	50	2462	475	2937
26	2025	ALT2	EB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	16814	3094	19908	64	50	21514	3959	25473
27	2025	ALT2	EB	NT	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	17353	3189	20542	64	50	16043	2949	18991
28	2025	ALT2	EB	NT	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	14109	2728	16838	64	50	8595	1662	10257
29	2025	ALT2	EB	NT	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	16233	2921	19155	64	50	5787	1041	6828
30	2025	ALT2	EB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	15803	2836	18640	64	50	10009	1796	11805

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
31	2025	ALT2	EB	NT	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	16364	2906	19270	64	50	7333	1302	8636
32	2025	ALT2	EB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	14943	2840	17783	64	50	8005	1522	9527
33	2025	ALT2	EB	NT	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	15997	2903	18900	64	50	7495	1360	8855
34	2025	ALT2	EB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	12766	2655	15421	64	50	8137	1692	9830
35	2025	ALT2	EB	NT	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	14766	2713	17479	64	50	4567	839	5407
36	2025	ALT2	EB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	14584	2713	17297	64	50	5404	1006	6410
37	2025	ALT2	EB	NT	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	14584	2713	17297	64	50	7279	1354	8633
38	2025	ALT2	EB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	12269	2480	14748	64	50	10414	2105	12518
39	2025	ALT2	EB	NT	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	13680	2542	16221	64	50	10882	2022	12904
40	2025	ALT2	EB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	12464	2424	14889	64	50	7190	1399	8589
41	2025	ALT2	EB	NT	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	14120	2524	16644	64	50	2818	504	3321
42	2025	ALT2	EB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	13013	2461	15474	64	50	8585	1623	10208
43	2025	ALT2	EB	NT	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	13910	2494	16403	64	50	3624	650	4274
44	2025	ALT2	EB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	13018	2437	15455	64	50	5364	1004	6368
45	2025	ALT2	EB	NT	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	13548	2447	15995	64	50	2433	439	2872
46	2025	ALT2	EB	NT	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	12507	2336	14843	64	50	6621	1237	7858
47	2025	ALT2	EB	NT	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	13135	2357	15493	64	50	369	66	435
48	2025	ALT2	EB	NT	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	12175	2303	14479	64	50	7375	1395	8770
49	2025	ALT2	EB	NT	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	12820	2323	15143	64	50	621	112	733
50	2025	ALT2	EB	NT	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	11428	2156	13585	64	50	10764	2031	12796
51	2025	ALT2	EB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	18123	2868	20991	64	50	1987	314	2301
52	2025	ALT2	EB	NT	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	23590	3432	27023	64	50	3055	444	3499
53	2025	ALT2	EB	NT	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	20273	3150	23422	64	50	2204	342	2546
54	2025	ALT2	EB	NT	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	20079	3134	23213	63	50	12680	1979	14659
55	2025	ALT2	EB	NT	Mainline		Waterman Ave On-Ramp to An	24356	0.28	20352	3190	23542	64	50	5750	901	6651
56	2025	ALT2	EB	NT	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	17705	2980	20684	63	50	7154	1204	8358
57	2025	ALT2	EB	NT	Mainline		Anderson St On-Ramp to Mour	24003	0.21	18505	2989	21494	64	50	3850	622	4472
58	2025	ALT2	EB	NT	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	16992	2860	19853	64	50	13431	2261	15692
59	2025	ALT2	EB	NT	Mainline		Mountain View Ave On-Ramp t	24040	0.18	19143	2938	22081	64	50	3514	539	4053
60	2025	ALT2	EB	NT	Mainline		California St Off-Ramp to Califc	24075	0.84	17931	2784	20715	64	50	15090	2343	17433
61	2025	ALT2	EB	NT	Mainline		California St On-Ramp to Alaba	24046	0.18	18844	2810	21654	64	50	3312	494	3806
62	2025	ALT2	EB	NT	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	16609	2638	19247	64	50	6503	1033	7536
63	2025	ALT2	EB	NT	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	14581	2508	17090	64	50	2576	443	3019
64	2025	ALT2	EB	NT	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	12576	2348	14924	64	50	8090	1510	9600
65	2025	ALT2	EB	NT	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	13818	2380	16198	64	50	2742	472	3214
66	2025	ALT2	EB	NT	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	16957	2536	19493	64	50	858	128	986
67	2025	ALT2	EB	NT	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	13752	2411	16163	64	50	5924	1039	6963
68	2025	ALT2	EB	NT	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	14827	2439	17266	64	50	4407	725	5132
69	2025	ALT2	EB	NT	Mainline		University St Off-Ramp to Cypr	23724	0.80	12145	2354	14499	64	50	9661	1872	11534
70	2025	ALT2	EB	NT	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	12578	2361	14940	65	50	5758	1081	6839
71	2025	ALT2	EB	NT	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	10858	2324	13182	64	50	7059	1511	8570
72	2025	ALT2	EB	NT	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	11784	2338	14122	65	50	6952	1379	8331
73	2025	ALT2	EB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1236	69	1305	28	28	234	13	247
74	2025	ALT2	EB	NT	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1040	84	1125	19	19	134	11	145
75	2025	ALT2	EB	NT	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3599	126	3724	23	23	468	16	484
76	2025	ALT2	EB	NT	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2356	106	2461	18	18	441	20	461
77	2025	ALT2	EB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	2730	126	2856	25	25	441	20	462
78	2025	ALT2	EB	NT	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2379	140	2519	18	18	278	16	294
79	2025	ALT2	EB	NT	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3442	188	3630	23	23	504	28	532

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
80	2025	ALT2	EB	NT	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1653	84	1736	19	19	578	29	608
81	2025	ALT2	EB	NT	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	3727	170	3897	28	28	1183	54	1237
82	2025	ALT2	EB	NT	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	1978	76	2053	20	20	465	18	483
83	2025	ALT2	EB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1423	266	1689	29	29	145	27	172
84	2025	ALT2	EB	NT	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	1784	75	1859	30	30	224	9	233
85	2025	ALT2	EB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	2590	221	2810	34	34	753	64	817
86	2025	ALT2	EB	NT	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	3540	415	3955	28	28	807	95	902
87	2025	ALT2	EB	NT	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	857	59	916	19	19	199	14	212
88	2025	ALT2	EB	NT	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	3394	303	3697	28	28	481	43	524
89	2025	ALT2	EB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	917	70	987	19	19	112	9	121
90	2025	ALT2	EB	NT	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	674	147	821	19	19	188	41	230
91	2025	ALT2	EB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	1992	371	2363	29	29	352	65	417
92	2025	ALT2	EB	NT	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2197	275	2471	17	17	425	53	478
93	2025	ALT2	EB	NT	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	4454	2544	6998	33	33	4945	2824	7769
94	2025	ALT2	EB	NT	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3028	436	3464	32	32	1746	252	1998
95	2025	ALT2	EB	NT	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	3123	273	3396	32	32	348	30	379
96	2025	ALT2	EB	NT	Ramp	ON	I-15 SB On-Ramp	23557	1.20	535	39	574	35	35	641	47	688
97	2025	ALT2	EB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	676	278	954	29	29	133	55	187
98	2025	ALT2	EB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	607	95	703	30	30	217	34	251
99	2025	ALT2	EB	NT	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	3244	461	3705	33	33	661	94	755
100	2025	ALT2	EB	NT	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2126	193	2319	30	30	655	60	715
101	2025	ALT2	EB	NT	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	430	85	515	35	35	148	29	178
102	2025	ALT2	EB	NT	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	633	70	703	30	30	187	21	207
103	2025	ALT2	EB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1421	66	1487	34	34	190	9	199
104	2025	ALT2	EB	NT	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1077	62	1139	20	20	289	17	306
105	2025	ALT2	EB	NT	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	3231	248	3479	28	28	379	29	408
106	2025	ALT2	EB	NT	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2050	58	2108	18	18	60	2	62
107	2025	ALT2	EB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2025	ALT2	EB	NT	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2025	ALT2	EB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2315	234	2549	29	29	423	43	466
110	2025	ALT2	EB	NT	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1411	62	1473	20	20	580	26	606
111	2025	ALT2	EB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1216	117	1333	35	35	152	15	167
112	2025	ALT2	EB	NT	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	1733	99	1832	20	20	523	30	553
113	2025	ALT2	EB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1107	63	1170	28	28	338	19	357
114	2025	ALT2	EB	NT	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	977	33	1010	19	19	358	12	370
115	2025	ALT2	EB	NT	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2025	ALT2	EB	NT	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	584	10	594	20	20	186	3	189
117	2025	ALT2	EB	NT	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1041	111	1152	28	28	258	28	286
118	2025	ALT2	EB	NT	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	628	21	650	20	20	178	6	184
119	2025	ALT2	EB	NT	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	960	54	1014	28	28	404	23	426
120	2025	ALT2	EB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	700	20	720	20	20	182	5	187
121	2025	ALT2	EB	NT	Ramp	OFF	I-215 Off-Ramp	24444	0.24	1392	167	1559	35	35	327	39	367
122	2025	ALT2	EB	NT	Ramp	ON	I-215 NB On-Ramp	24630	0.87	6695	712	7407	33	33	5818	619	6437
123	2025	ALT2	EB	NT	Ramp	ON	I-215 SB On-Ramp	24516	0.76	5467	564	6032	34	34	4145	428	4573
124	2025	ALT2	EB	NT	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3318	283	3600	21	21	302	26	328
125	2025	ALT2	EB	NT	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	193	16	209	30	30	48	4	52
126	2025	ALT2	EB	NT	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1282	57	1338	19	19	178	8	186
127	2025	ALT2	EB	NT	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2715	211	2926	23	23	684	53	737
128	2025	ALT2	EB	NT	Ramp	ON	Anderson St On-Ramp	2668189	0.10	800	9	810	19	19	82	1	83

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
129	2025	ALT2	EB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	1513	129	1641	32	32	444	38	482
130	2025	ALT2	EB	NT	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	2183	78	2261	30	30	498	18	515
131	2025	ALT2	EB	NT	Ramp	OFF	California St Off-Ramp	94801	0.46	1212	154	1366	33	33	552	70	622
132	2025	ALT2	EB	NT	Ramp	ON	California St On-Ramp	95942	0.39	1019	26	1044	29	29	395	10	405
133	2025	ALT2	EB	NT	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2235	172	2407	31	31	969	75	1044
134	2025	ALT2	EB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2028	130	2157	30	30	1677	107	1785
135	2025	ALT2	EB	NT	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2005	161	2166	32	32	688	55	743
136	2025	ALT2	EB	NT	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1242	32	1274	19	19	132	3	135
137	2025	ALT2	EB	NT	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	3138	157	3295	30	30	3331	166	3497
138	2025	ALT2	EB	NT	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2370	125	2496	26	26	211	11	222
139	2025	ALT2	EB	NT	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1074	28	1103	19	19	318	8	327
140	2025	ALT2	EB	NT	Ramp	OFF	University St Off-Ramp	94695	0.28	2682	86	2767	25	25	750	24	774
141	2025	ALT2	EB	NT	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	538	8	545	30	30	163	2	165
142	2025	ALT2	EB	NT	Ramp	OFF	Ford St Off-Ramp	94682	0.27	2126	38	2164	32	32	584	10	595
143	2025	ALT2	EB	NT	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	926	14	940	30	30	349	5	354
144	2025	ALT2	EB	NT	HOV		LA County Line to Monte Vista	2664669	0.26	4915		4915	59	50	1259		1259
145	2025	ALT2	EB	NT	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	4915		4915	59	50	3325		3325
146	2025	ALT2	EB	NT	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	4915		4915	59	50	143		143
147	2025	ALT2	EB	NT	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	4915		4915	59	50	2811		2811
148	2025	ALT2	EB	NT	HOV		Central Ave On-Ramp to Moun	2664669	0.21	4915		4915	59	50	1022		1022
149	2025	ALT2	EB	NT	HOV		Mountain Ave Off-Ramp to Mc	2664669	0.34	4915		4915	59	50	1685		1685
150	2025	ALT2	EB	NT	HOV		Mountain Ave On-Ramp to Euc	2779098	0.48	3497		3497	61	50	1672		1672
151	2025	ALT2	EB	NT	HOV		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	3497		3497	61	50	2257		2257
152	2025	ALT2	EB	NT	HOV		Euclid Ave On-Ramp to San Ber	2779098	0.51	3497		3497	61	50	1790		1790
153	2025	ALT2	EB	NT	HOV		San Bernardino Ave/4th St Off-	2665612	0.17	2712		2712	63	50	466		466
154	2025	ALT2	EB	NT	HOV		San Bernardino Ave/4th St On-	2665612	0.33	2712		2712	63	50	892		892
155	2025	ALT2	EB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	2712		2712	63	50	663		663
156	2025	ALT2	EB	NT	HOV		Vineyard Ave On-Ramp to Arch	2665612	0.19	2712		2712	63	50	522		522
157	2025	ALT2	EB	NT	HOV		Archibald Ave Off-Ramp to Hol	2665612	0.34	2712		2712	63	50	918		918
158	2025	ALT2	EB	NT	HOV		Holt Blvd On-Ramp to Archibal	2665612	0.39	2712		2712	63	50	1058		1058
159	2025	ALT2	EB	NT	HOV		Archibald Ave On-Ramp to Hav	2665612	0.22	2712		2712	63	50	605		605
160	2025	ALT2	EB	NT	HOV		Haven Ave Off-Ramp to Haven	2665612	0.42	2712		2712	63	50	1128		1128
161	2025	ALT2	EB	NT	HOV		Haven Ave Loop On-Ramp to H	2778934	0.31	1461		1461	63	50	456		456
162	2025	ALT2	EB	NT	HOV		Haven Ave On-Ramp to Millike	2778934	0.22	1461		1461	63	50	327		327
163	2025	ALT2	EB	NT	HOV		Milliken Ave Off-Ramp to Millik	2778934	0.53	1461		1461	63	50	775		775
164	2025	ALT2	EB	NT	HOV		Milliken Ave Loop On-Ramp to	2778934	0.05	1461		1461	63	50	78		78
165	2025	ALT2	EB	NT	HOV		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	1461		1461	63	50	363		363
166	2025	ALT2	EB	NT	HOV		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	1461		1461	63	50	448		448
167	2025	ALT2	EB	NT	HOV		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	1461		1461	63	50	317		317
168	2025	ALT2	EB	NT	HOV		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	1461		1461	63	50	206		206
169	2025	ALT2	EB	NT	HOV		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	1461		1461	63	50	1869		1869
170	2025	ALT2	EB	NT	HOV		Etiwanda Ave On-Ramp to Che	2778934	0.92	1461		1461	63	50	1351		1351
171	2025	ALT2	EB	NT	HOV		Cherry Ave Off-Ramp to Cherry	2760156	0.61	1232		1232	63	50	751		751
172	2025	ALT2	EB	NT	HOV		Cherry Ave On-Ramp to Beach	2760156	0.36	1232		1232	63	50	439		439
173	2025	ALT2	EB	NT	HOV		Beach Ave Off-Ramp to Beach	2760156	0.63	1232		1232	63	50	780		780
174	2025	ALT2	EB	NT	HOV		BeachAve On-Ramp to Citrus A	2760156	0.45	1232		1232	63	50	552		552
175	2025	ALT2	EB	NT	HOV		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	1232		1232	63	50	660		660
176	2025	ALT2	EB	NT	HOV		Citrus Ave On-Ramp to Sierra A	2760156	0.47	1232		1232	63	50	577		577
177	2025	ALT2	EB	NT	HOV		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	1232		1232	63	50	785		785

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
178	2025	ALT2	EB	NT	HOV		Sierra Ave On-Ramp to Alder A	2760156	0.31	1232		1232	63	50	381		381
179	2025	ALT2	EB	NT	HOV		Alder Ave Off-Ramp to Alder A	2779122	0.37	1559		1559	47	47	578		578
180	2025	ALT2	EB	NT	HOV		Alder Ave On-Ramp to Cedar A	2779122	0.50	1559		1559	47	47	778		778
181	2025	ALT2	EB	NT	HOV		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	1559		1559	47	47	1323		1323
182	2025	ALT2	EB	NT	HOV		Cedar Ave On-Ramp to Riversic	2779122	0.80	1559		1559	47	47	1240		1240
183	2025	ALT2	EB	NT	HOV		Riverside Ave Off-Ramp to Rive	2779122	0.58	1559		1559	47	47	899		899
184	2025	ALT2	EB	NT	HOV		Riverside Ave On-Ramp to Pep	2779122	0.20	1559		1559	47	47	311		311
185	2025	ALT2	EB	NT	HOV		Pepper Ave Off-Ramp to Peppe	2779122	0.66	1559		1559	47	47	1029		1029
186	2025	ALT2	EB	NT	HOV		Pepper Ave On-Ramp to Ranch	2779122	0.26	1559		1559	47	47	406		406
187	2025	ALT2	EB	NT	HOV		Rancho Ave Off-Ramp to Ranch	2779122	0.41	1559		1559	47	47	642		642
188	2025	ALT2	EB	NT	HOV		Rancho Ave On-Ramp to La Ca	2779122	0.18	1559		1559	47	47	280		280
189	2025	ALT2	EB	NT	HOV		La Cadena Dr/9th St Off-Ramp	2779122	0.53	1559		1559	47	47	825		825
190	2025	ALT2	EB	NT	HOV		La Cadena Dr/9th St On-Ramp	2779122	0.03	1559		1559	47	47	44		44
191	2025	ALT2	EB	NT	HOV		Mt Vernon Ave Off-Ramp to M	2779128	0.61	1770		1770	63	50	1072		1072
192	2025	ALT2	EB	NT	HOV		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	1770		1770	63	50	86		86
193	2025	ALT2	EB	NT	HOV		I-215 Off-Ramp to I-215 NB On	2779128	0.94	1770		1770	63	50	1668		1668
194	2025	ALT2	EB	NT	HOV		I-215 NB On-Ramp to I-215 SB	2779128	0.11	1770		1770	63	50	194		194
195	2025	ALT2	EB	NT	HOV		I-215 SB On-Ramp to Redlands	2779128	0.13	1770		1770	63	50	229		229
196	2025	ALT2	EB	NT	HOV		Redlands Blvd Off-Ramp to Wa	2779128	0.11	1770		1770	63	50	192		192
197	2025	ALT2	EB	NT	HOV		Waterman Ave Off-Ramp to W	2779128	0.63	1770		1770	63	50	1118		1118
198	2025	ALT2	EB	NT	HOV		Waterman Ave On-Ramp to An	2779128	0.28	1770		1770	63	50	500		500
199	2025	ALT2	EB	NT	HOV		Anderson St Off-Ramp to Ande	2760301	0.40	2767		2767	61	50	1118		1118
200	2025	ALT2	EB	NT	HOV		Anderson St On-Ramp to Mour	2760301	0.21	2767		2767	61	50	576		576
201	2025	ALT2	EB	NT	HOV		Mountain View Ave Off-Ramp t	2760301	0.79	2767		2767	61	50	2187		2187
202	2025	ALT2	EB	NT	HOV		Mountain View Ave On-Ramp t	2760301	0.18	2767		2767	61	50	508		508
203	2025	ALT2	EB	NT	HOV		California St Off-Ramp to Califc	2760301	0.84	2767		2767	61	50	2329		2329
204	2025	ALT2	EB	NT	HOV		California St On-Ramp to Alaba	2731614	0.18	2905		2905	61	50	511		511
205	2025	ALT2	EB	NT	HOV		Alabama St Off-Ramp to SR-21	2731614	0.39	2905		2905	61	50	1138		1138
206	2025	ALT2	EB	NT	HOV		SR-210 NB Off-Ramp to Tennes	2731614	0.18	2905		2905	61	50	513		513
207	2025	ALT2	EB	NT	HOV		Tennessee St Off-Ramp to Ten	2731614	0.64	2905		2905	61	50	1869		1869
208	2025	ALT2	EB	NT	HOV		Tennessee St On-Ramp to SR-2	2731614	0.20	2905		2905	61	50	576		576
209	2025	ALT2	EB	NT	HOV		SR-210 SB On-Ramp to Eureka	2731614	0.05	2905		2905	61	50	147		147
210	2025	ALT2	EB	NT	HOV		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	3739		3739	60	50	1611		1611
211	2025	ALT2	EB	NT	HOV		Pearl Ave On-Ramp to Universi	2760225	0.30	3739		3739	60	50	1111		1111
212	2025	ALT2	EB	NT	HOV		University St Off-Ramp to Cypr	2760225	0.80	3739		3739	60	50	2975		2975
213	2025	ALT2	EB	NT	HOV		Cypress Ave On-Ramp to Ford	2760225	0.46	3739		3739	60	50	1712		1712
214	2025	ALT2	EB	NT	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2025	ALT2	EB	NT	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
216	2025	ALT2	WB	AM	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	20418	1362	21781	60	50	8211	548	8759
217	2025	ALT2	WB	AM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	19086	1352	20438	58	50	14911	1057	15967
218	2025	ALT2	WB	AM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	21631	1377	23007	59	50	10779	686	11465
219	2025	ALT2	WB	AM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	21121	1372	22493	52	50	15821	1028	16849
220	2025	ALT2	WB	AM	Mainline		University St On-Ramp to 6th S	23726	0.38	23380	1395	24774	55	50	8871	529	9400
221	2025	ALT2	WB	AM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	22027	1377	23404	51	50	7922	495	8417
222	2025	ALT2	WB	AM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	23764	1409	25173	55	50	8902	528	9430
223	2025	ALT2	WB	AM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	25056	1437	26493	53	50	4321	248	4569
224	2025	ALT2	WB	AM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	20133	856	20989	55	50	5366	228	5594
225	2025	ALT2	WB	AM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	19308	850	20158	56	50	3369	148	3517
226	2025	ALT2	WB	AM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	18527	843	19370	60	50	14504	660	15164

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
227	2025	ALT2	WB	AM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	21714	872	22586	60	50	5668	228	5896
228	2025	ALT2	WB	AM	Mainline		Alabama St On-Ramp to Califo	24057	0.12	25441	976	26417	61	50	3095	119	3214
229	2025	ALT2	WB	AM	Mainline		California St Off-Ramp to Califo	24044	0.86	23556	963	24519	54	50	20304	830	21135
230	2025	ALT2	WB	AM	Mainline		California St On-Ramp to Mour	24077	0.19	25085	1016	26101	58	50	4827	196	5023
231	2025	ALT2	WB	AM	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	22741	994	23735	56	50	5060	221	5281
232	2025	ALT2	WB	AM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	23795	1057	24852	59	50	4919	218	5137
233	2025	ALT2	WB	AM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	22155	1051	23206	50	50	16783	796	17580
234	2025	ALT2	WB	AM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	23301	1083	24384	55	50	2598	121	2719
235	2025	ALT2	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	21525	1057	22581	51	50	10242	503	10745
236	2025	ALT2	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	23876	1124	25000	54	50	6728	317	7045
237	2025	ALT2	WB	AM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	13888	840	14728	60	50	9757	590	10347
238	2025	ALT2	WB	AM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	14871	871	15742	59	50	3112	182	3294
239	2025	ALT2	WB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	15302	879	16181	58	50	2799	161	2960
240	2025	ALT2	WB	AM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	19287	983	20270	58	50	3573	182	3755
241	2025	ALT2	WB	AM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	17751	972	18723	58	50	12894	706	13600
242	2025	ALT2	WB	AM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	18610	1010	19620	60	50	862	47	909
243	2025	ALT2	WB	AM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	17514	995	18509	58	50	10850	617	11466
244	2025	ALT2	WB	AM	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	18175	1019	19193	60	50	1601	90	1691
245	2025	ALT2	WB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	17209	1002	18211	58	50	10053	585	10638
246	2025	ALT2	WB	AM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	18413	1032	19445	60	50	7672	430	8102
247	2025	ALT2	WB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	17226	1008	18234	58	50	10244	600	10843
248	2025	ALT2	WB	AM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	19594	1028	20621	59	50	3336	175	3511
249	2025	ALT2	WB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	17677	995	18672	60	50	10433	587	11020
250	2025	ALT2	WB	AM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	20083	1078	21160	59	50	17123	919	18042
251	2025	ALT2	WB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	18188	1027	19216	57	50	13214	746	13961
252	2025	ALT2	WB	AM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	20631	1085	21716	58	50	10808	568	11377
253	2025	ALT2	WB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	20631	1085	21716	58	50	7741	407	8148
254	2025	ALT2	WB	AM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	19579	1085	20663	59	50	7081	392	7474
255	2025	ALT2	WB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	17664	1061	18725	57	50	12186	732	12919
256	2025	ALT2	WB	AM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	20688	1101	21790	58	50	8062	429	8491
257	2025	ALT2	WB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	19418	1069	20486	56	50	10467	576	11043
258	2025	ALT2	WB	AM	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	23005	1151	24156	59	50	9621	481	10102
259	2025	ALT2	WB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	22164	1125	23289	60	50	13976	709	14685
260	2025	ALT2	WB	AM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	24255	1187	25442	58	50	9567	468	10035
261	2025	ALT2	WB	AM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	21362	1112	22474	57	50	11759	612	12371
262	2025	ALT2	WB	AM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	23987	1261	25248	59	50	30415	1599	32013
263	2025	ALT2	WB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	22572	1206	23778	55	50	15328	819	16147
264	2025	ALT2	WB	AM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	23409	1340	24750	46	46	6093	349	6442
265	2025	ALT2	WB	AM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	24139	1405	25544	53	50	3212	187	3399
266	2025	ALT2	WB	AM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	19455	1280	20735	54	50	11037	726	11763
267	2025	ALT2	WB	AM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	25957	1719	27675	49	49	3451	229	3680
268	2025	ALT2	WB	AM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	29105	1945	31051	58	50	601	40	641
269	2025	ALT2	WB	AM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	26489	1873	28362	47	47	15374	1087	16461
270	2025	ALT2	WB	AM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	25716	2026	27741	48	48	6419	506	6925
271	2025	ALT2	WB	AM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	23336	1956	25291	44	44	9597	804	10401
272	2025	ALT2	WB	AM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	23870	2031	25901	41	41	6891	586	7478
273	2025	ALT2	WB	AM	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	24528	2079	26607	51	50	6704	568	7272
274	2025	ALT2	WB	AM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	23389	2056	25446	53	50	7589	667	8257
275	2025	ALT2	WB	AM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	20927	1924	22851	56	50	13092	1204	14296

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
276	2025	ALT2	WB	AM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	22247	2001	24248	59	50	3404	306	3710
277	2025	ALT2	WB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	20721	1972	22694	57	50	7492	713	8206
278	2025	ALT2	WB	AM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	20217	2077	22294	57	50	3848	395	4243
279	2025	ALT2	WB	AM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	20851	2089	22940	52	50	7587	760	8347
280	2025	ALT2	WB	AM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	19877	2048	21925	53	50	7723	796	8518
281	2025	ALT2	WB	AM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	23210	2158	25369	46	46	6013	559	6572
282	2025	ALT2	WB	AM	Mainline		7th St Off-Ramp to Euclid Ave L	23447	0.40	21843	2121	23964	49	49	8702	845	9548
283	2025	ALT2	WB	AM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	22866	2150	25016	47	47	8211	772	8983
284	2025	ALT2	WB	AM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	24785	2178	26963	40	40	10482	921	11403
285	2025	ALT2	WB	AM	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	22825	2019	24844	47	47	7451	659	8110
286	2025	ALT2	WB	AM	Mainline		Mountain Ave On-Ramp to Cen	23479	0.27	24511	2044	26555	42	42	6726	561	7287
287	2025	ALT2	WB	AM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	22612	1956	24568	48	48	11904	1030	12934
288	2025	ALT2	WB	AM	Mainline		Central Ave On-Ramp to Monte	23492	0.05	25370	1997	27367	51	50	1280	101	1381
289	2025	ALT2	WB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	24238	1950	26188	43	43	13573	1092	14665
290	2025	ALT2	WB	AM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1333	10	1342	33	33	717	5	722
291	2025	ALT2	WB	AM	Ramp	ON	Ford St On-Ramp	94684	0.23	2698	24	2722	23	23	609	5	614
292	2025	ALT2	WB	AM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	510	5	514	32	32	141	1	143
293	2025	ALT2	WB	AM	Ramp	ON	University St On-Ramp	94674	0.21	2259	22	2281	9	9	478	5	482
294	2025	ALT2	WB	AM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1353	17	1371	21	21	358	5	363
295	2025	ALT2	WB	AM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	1796	32	1829	13	13	346	6	353
296	2025	ALT2	WB	AM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1293	27	1320	16	16	203	4	207
297	2025	ALT2	WB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	4923	580	5504	26	26	4256	502	4758
298	2025	ALT2	WB	AM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	825	6	831	25	25	56	0	56
299	2025	ALT2	WB	AM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	781	7	788	31	31	282	2	285
300	2025	ALT2	WB	AM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	3188	29	3217	29	29	3180	29	3208
301	2025	ALT2	WB	AM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	3727	104	3831	18	18	445	12	458
302	2025	ALT2	WB	AM	Ramp	OFF	California St Off-Ramp	94793	0.13	1885	13	1898	20	20	244	2	245
303	2025	ALT2	WB	AM	Ramp	ON	California St On-Ramp	2676730	0.11	1045	53	1098	28	28	120	6	126
304	2025	ALT2	WB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2344	22	2366	13	13	273	3	276
305	2025	ALT2	WB	AM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2050	63	2113	25	25	280	9	288
306	2025	ALT2	WB	AM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1640	6	1646	15	15	356	1	357
307	2025	ALT2	WB	AM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	1275	32	1306	15	15	158	4	162
308	2025	ALT2	WB	AM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1776	26	1803	13	13	433	6	440
309	2025	ALT2	WB	AM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	842	67	909	17	17	111	9	120
310	2025	ALT2	WB	AM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	9989	283	10272	24	24	1753	50	1803
311	2025	ALT2	WB	AM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	984	31	1014	16	16	325	10	335
312	2025	ALT2	WB	AM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	431	8	439	24	24	229	4	233
313	2025	ALT2	WB	AM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	3985	105	4090	31	31	1708	45	1753
314	2025	ALT2	WB	AM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1536	11	1547	19	19	371	3	373
315	2025	ALT2	WB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1384	38	1422	19	19	364	10	374
316	2025	ALT2	WB	AM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1096	15	1111	23	23	234	3	237
317	2025	ALT2	WB	AM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	661	23	684	18	18	207	7	214
318	2025	ALT2	WB	AM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	966	17	982	24	24	259	4	263
319	2025	ALT2	WB	AM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1399	30	1429	19	19	446	9	455
320	2025	ALT2	WB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1187	24	1211	22	22	213	4	217
321	2025	ALT2	WB	AM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1314	19	1333	16	16	445	7	452
322	2025	ALT2	WB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	1916	33	1949	14	14	204	4	208
323	2025	ALT2	WB	AM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2373	83	2456	28	28	741	26	767
324	2025	ALT2	WB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1894	51	1945	27	27	248	7	254

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
325	2025	ALT2	WB	AM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2606	57	2664	17	17	1072	24	1096
326	2025	ALT2	WB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2025	ALT2	WB	AM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2025	ALT2	WB	AM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	1915	23	1938	27	27	222	3	225
329	2025	ALT2	WB	AM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2106	40	2146	18	18	516	10	525
330	2025	ALT2	WB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1271	32	1303	28	28	137	4	141
331	2025	ALT2	WB	AM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3372	82	3454	27	27	1008	25	1033
332	2025	ALT2	WB	AM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	841	26	867	34	34	246	8	254
333	2025	ALT2	WB	AM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2033	62	2095	28	28	702	21	723
334	2025	ALT2	WB	AM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	2892	75	2968	29	29	374	10	384
335	2025	ALT2	WB	AM	Ramp	ON	Cherry On-Ramp	95966	0.28	3514	149	3664	26	26	983	42	1025
336	2025	ALT2	WB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1415	55	1470	25	25	717	28	745
337	2025	ALT2	WB	AM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1236	135	1371	29	29	238	26	264
338	2025	ALT2	WB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	729	65	794	28	28	267	24	291
339	2025	ALT2	WB	AM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	4684	125	4809	43	43	1319	35	1355
340	2025	ALT2	WB	AM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6502	439	6940	25	25	4091	276	4367
341	2025	ALT2	WB	AM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	3149	227	3375	20	20	3157	227	3384
342	2025	ALT2	WB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	2617	72	2689	23	23	526	15	541
343	2025	ALT2	WB	AM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	978	153	1131	15	15	173	27	200
344	2025	ALT2	WB	AM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2380	70	2450	24	24	416	12	429
345	2025	ALT2	WB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	687	75	762	17	17	66	7	73
346	2025	ALT2	WB	AM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	658	48	706	18	18	128	9	137
347	2025	ALT2	WB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1138	22	1161	20	20	207	4	211
348	2025	ALT2	WB	AM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	3939	133	4072	24	24	2270	76	2347
349	2025	ALT2	WB	AM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	1320	77	1397	27	27	242	14	256
350	2025	ALT2	WB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	1526	28	1554	33	33	491	9	500
351	2025	ALT2	WB	AM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	592	104	697	18	18	94	17	111
352	2025	ALT2	WB	AM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	633	12	645	20	20	129	2	131
353	2025	ALT2	WB	AM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	1684	41	1725	27	27	426	10	436
354	2025	ALT2	WB	AM	Ramp	ON	4th St On-Ramp	2731498	0.26	3333	110	3444	14	14	858	28	887
355	2025	ALT2	WB	AM	Ramp	OFF	7th St Off-Ramp	94628	0.20	1368	37	1404	20	20	277	7	285
356	2025	ALT2	WB	AM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1684	29	1713	14	14	401	7	408
357	2025	ALT2	WB	AM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	1919	28	1947	12	12	725	11	736
358	2025	ALT2	WB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	1960	159	2118	11	11	273	22	295
359	2025	ALT2	WB	AM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2116	25	2141	10	10	430	5	435
360	2025	ALT2	WB	AM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	1900	88	1988	13	13	253	12	265
361	2025	ALT2	WB	AM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2048	42	2089	11	11	248	5	253
362	2025	ALT2	WB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1132	47	1179	22	22	256	11	267
363	2025	ALT2	WB	AM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1658	24	1682	14	14	548	8	556
364	2025	ALT2	WB	AM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2025	ALT2	WB	AM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2025	ALT2	WB	AM	HOV		Ford St On-Ramp to Cypress Av	2731628	0.40	2490		2490	52	50	1001		1001
367	2025	ALT2	WB	AM	HOV		Cypress Ave Off-Ramp to Unive	2731628	0.78	2490		2490	52	50	1945		1945
368	2025	ALT2	WB	AM	HOV		University St On-Ramp to 6th S	2731628	0.50	2490		2490	52	50	1241		1241
369	2025	ALT2	WB	AM	HOV		6th St Off-Ramp to Orange St L	2731628	0.41	2490		2490	52	50	1028		1028
370	2025	ALT2	WB	AM	HOV		Orange St Loop On-Ramp to Or	2731626	0.38	2549		2549	52	50	967		967
371	2025	ALT2	WB	AM	HOV		Orange St On-Ramp to SR-210	2731626	0.36	2549		2549	52	50	917		917
372	2025	ALT2	WB	AM	HOV		SR-210 Off-Ramp to Tennessee	2731626	0.37	2549		2549	52	50	955		955
373	2025	ALT2	WB	AM	HOV		Tennessee St Off-Ramp to Alab	2731626	0.17	2549		2549	52	50	440		440

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
374	2025	ALT2	WB	AM	HOV		Alabama St Off-Ramp to SR-21	2731626	0.27	2549		2549	52	50	679		679
375	2025	ALT2	WB	AM	HOV		SR-210 SB On-Ramp to Alabam	2731626	0.17	2549		2549	52	50	445		445
376	2025	ALT2	WB	AM	HOV		Alabama St On-Ramp to Califo	2731626	0.78	2549		2549	52	50	1996		1996
377	2025	ALT2	WB	AM	HOV		California St Off-Ramp to Califo	2731613	0.26	2549		2549	52	50	666		666
378	2025	ALT2	WB	AM	HOV		California St On-Ramp to Mour	2731613	0.12	2549		2549	52	50	310		310
379	2025	ALT2	WB	AM	HOV		Mountain View Ave Off-Ramp	2779137	0.37	3062		3062	49	49	1139		1139
380	2025	ALT2	WB	AM	HOV		Mountain View Ave On-Ramp t	2779137	0.19	3062		3062	49	49	589		589
381	2025	ALT2	WB	AM	HOV		Tippecanoe Ave Off-Ramp to T	2779137	0.22	3062		3062	49	49	681		681
382	2025	ALT2	WB	AM	HOV		Tippecanoe Ave On-Ramp to H	2779137	0.21	3062		3062	49	49	633		633
383	2025	ALT2	WB	AM	HOV		Hospitality Ln/ Carnegie Dr Off	2779137	0.32	3062		3062	49	49	982		982
384	2025	ALT2	WB	AM	HOV		Hospitality Ln/ Carnegie Dr On	2779137	0.11	3062		3062	49	49	341		341
385	2025	ALT2	WB	AM	HOV		I-215 NB Off-Ramp to Sunwest	2779137	0.28	3062		3062	49	49	849		849
386	2025	ALT2	WB	AM	HOV		Sunwest Ln On-Ramp to I-215 I	2779137	0.28	3062		3062	49	49	863		863
387	2025	ALT2	WB	AM	HOV		I-215 NB On-Ramp to I-215 SB	2779137	0.70	3062		3062	49	49	2151		2151
388	2025	ALT2	WB	AM	HOV		I-215 SB On-Ramp to Sperry Dr	2779137	0.21	3062		3062	49	49	641		641
389	2025	ALT2	WB	AM	HOV		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.18	3062		3062	49	49	560		560
390	2025	ALT2	WB	AM	HOV		Mt Vernon Ave On-Ramp to 9t	2779131	0.19	2205		2205	54	50	409		409
391	2025	ALT2	WB	AM	HOV		9th St Off-Ramp to La Cadena I	2779131	0.36	2205		2205	54	50	789		789
392	2025	ALT2	WB	AM	HOV		La Cadena Dr On-Ramp to Ran	2779131	0.05	2205		2205	54	50	102		102
393	2025	ALT2	WB	AM	HOV		Rancho Ave Off-Ramp to Ranch	2779131	0.62	2205		2205	54	50	1366		1366
394	2025	ALT2	WB	AM	HOV		Rancho Ave On-Ramp to Peppe	2779131	0.09	2205		2205	54	50	194		194
395	2025	ALT2	WB	AM	HOV		Pepper Ave Off-Ramp to Peppe	2779131	0.24	2205		2205	54	50	528		528
396	2025	ALT2	WB	AM	HOV		Pepper Ave On-Ramp to Rivers	2779131	0.42	2205		2205	54	50	919		919
397	2025	ALT2	WB	AM	HOV		Riverside Ave Off-Ramp to Rive	2779131	0.24	2205		2205	54	50	538		538
398	2025	ALT2	WB	AM	HOV		Riverside Ave On-Ramp to Ced	2779131	0.17	2205		2205	54	50	375		375
399	2025	ALT2	WB	AM	HOV		Cedar Ave Off-Ramp to Cedar A	2779131	0.27	2205		2205	54	50	604		604
400	2025	ALT2	WB	AM	HOV		Cedar Ave On-Ramp to Alder A	2779131	0.85	2205		2205	54	50	1880		1880
401	2025	ALT2	WB	AM	HOV		Alder Ave Off-Ramp to Alder A	2731555	0.31	2530		2530	52	50	779		779
402	2025	ALT2	WB	AM	HOV		Alder Ave On-Ramp to Alder A	2731555	0.52	2530		2530	52	50	1326		1326
403	2025	ALT2	WB	AM	HOV		Sierra Ave Off-Ramp to Sierra A	2731555	0.38	2530		2530	52	50	949		949
404	2025	ALT2	WB	AM	HOV		Sierra Ave On-Ramp to Citrus A	2731555	0.36	2530		2530	52	50	915		915
405	2025	ALT2	WB	AM	HOV		Citrus Ave Off-Ramp to Citrus A	2731555	0.26	2530		2530	52	50	667		667
406	2025	ALT2	WB	AM	HOV		Citrus Ave On-Ramp to Beach C	2731555	0.39	2530		2530	52	50	986		986
407	2025	ALT2	WB	AM	HOV		Beach Ave Off-Ramp to Beach	2731555	0.24	2530		2530	52	50	596		596
408	2025	ALT2	WB	AM	HOV		Beach Ave On-Ramp to Cherry	2731555	0.42	2530		2530	52	50	1058		1058
409	2025	ALT2	WB	AM	HOV		Cherry Off-Ramp to Cherry On-	2731555	0.28	2530		2530	52	50	715		715
410	2025	ALT2	WB	AM	HOV		Cherry On-Ramp to Etiwanda A	2779119	0.39	2229		2229	54	50	879		879
411	2025	ALT2	WB	AM	HOV		Etiwanda Ave Off-Ramp to Etiv	2779119	0.26	2229		2229	54	50	585		585
412	2025	ALT2	WB	AM	HOV		Etiwanda Ave Loop On-Ramp t	2779119	1.27	2229		2229	54	50	2826		2826
413	2025	ALT2	WB	AM	HOV		Etiwanda Ave On-Ramp to I-15	2779119	0.49	2229		2229	54	50	1086		1086
414	2025	ALT2	WB	AM	HOV		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.26	2229		2229	54	50	580		580
415	2025	ALT2	WB	AM	HOV		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	2229		2229	54	50	297		297
416	2025	ALT2	WB	AM	HOV		I-15 NB On-Ramp to Milliken A	2779119	0.57	2229		2229	54	50	1264		1264
417	2025	ALT2	WB	AM	HOV		Milliken Ave Off-Ramp to Millik	2779119	0.13	2229		2229	54	50	296		296
418	2025	ALT2	WB	AM	HOV		Milliken Ave On-Ramp to Have	2779119	0.02	2229		2229	54	50	46		46
419	2025	ALT2	WB	AM	HOV		Haven Ave Off-Ramp to Haven	2779119	0.29	2229		2229	54	50	647		647
420	2025	ALT2	WB	AM	HOV		Haven Ave Loop On-Ramp to H	2779113	0.25	4532		4532	48	48	1131		1131
421	2025	ALT2	WB	AM	HOV		Haven Ave On-Ramp to Archiba	2779113	0.28	4532		4532	48	48	1272		1272
422	2025	ALT2	WB	AM	HOV		Archibald Ave Off-Ramp to Hol	2779113	0.29	4532		4532	48	48	1308		1308

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
423	2025	ALT2	WB	AM	HOV		Holt Blvd Off-Ramp to Archibal	2779113	0.27	4532		4532	48	48	1239		1239
424	2025	ALT2	WB	AM	HOV		Archibald Ave On-Ramp to Vine	2779113	0.21	4532		4532	48	48	945		945
425	2025	ALT2	WB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2779113	0.63	4532		4532	48	48	2835		2835
426	2025	ALT2	WB	AM	HOV		Vineyard Ave Loop On-Ramp to	2779113	0.15	4532		4532	48	48	693		693
427	2025	ALT2	WB	AM	HOV		Vineyard Ave On-Ramp to 4th S	2779113	0.22	4532		4532	48	48	981		981
428	2025	ALT2	WB	AM	HOV		4th St Off-Ramp to 4th St On-R	2779113	0.19	4532		4532	48	48	862		862
429	2025	ALT2	WB	AM	HOV		4th St On-Ramp to 7th St Off-R	2779113	0.36	4532		4532	48	48	1649		1649
430	2025	ALT2	WB	AM	HOV		7th St Off-Ramp to Euclid Ave I	2779107	0.39	3441		3441	48	48	1337		1337
431	2025	ALT2	WB	AM	HOV		Euclid Ave Loop On-Ramp to Eu	2779107	0.26	3441		3441	48	48	891		891
432	2025	ALT2	WB	AM	HOV		Euclid Ave On-Ramp to Mounta	2779107	0.25	3441		3441	48	48	850		850
433	2025	ALT2	WB	AM	HOV		Mountain Ave Off-Ramp to Mo	2760177	0.36	4532		4532	41	41	1628		1628
434	2025	ALT2	WB	AM	HOV		Mountain Ave On-Ramp to Cer	2760177	0.42	4532		4532	41	41	1917		1917
435	2025	ALT2	WB	AM	HOV		Central Ave Off-Ramp to Centr	2760177	0.33	4532		4532	41	41	1479		1479
436	2025	ALT2	WB	AM	HOV		Central Ave On-Ramp to Monte	2760177	0.27	4532		4532	41	41	1244		1244
437	2025	ALT2	WB	AM	HOV		Monte Vista Ave Off-Ramp to M	2760177	0.25	4532		4532	41	41	1149		1149
216	2025	ALT2	WB	MD	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	21324	3181	24506	63	50	8576	1279	9855
217	2025	ALT2	WB	MD	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	19974	3159	23132	63	50	15604	2468	18072
218	2025	ALT2	WB	MD	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	22765	3227	25992	63	50	11344	1608	12952
219	2025	ALT2	WB	MD	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	21987	3214	25202	61	50	16470	2408	18878
220	2025	ALT2	WB	MD	Mainline		University St On-Ramp to 6th S	23726	0.38	25700	3306	29006	62	50	9751	1255	11006
221	2025	ALT2	WB	MD	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	23978	3260	27238	61	50	8623	1172	9796
222	2025	ALT2	WB	MD	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	27585	3331	30916	62	50	10333	1248	11581
223	2025	ALT2	WB	MD	Mainline		Orange St On-Ramp to SR-210	24215	0.17	29555	3421	32976	61	50	5097	590	5687
224	2025	ALT2	WB	MD	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	23051	2190	25241	61	50	6144	584	6727
225	2025	ALT2	WB	MD	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	21961	2171	24131	62	50	3832	379	4211
226	2025	ALT2	WB	MD	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	21088	2154	23242	63	50	16509	1687	18196
227	2025	ALT2	WB	MD	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	24773	2239	27012	63	50	6467	584	7051
228	2025	ALT2	WB	MD	Mainline		Alabama St On-Ramp to Califor	24057	0.12	31767	2522	34290	63	50	3865	307	4172
229	2025	ALT2	WB	MD	Mainline		California St Off-Ramp to Califo	24044	0.86	30163	2489	32652	61	50	25999	2146	28145
230	2025	ALT2	WB	MD	Mainline		California St On-Ramp to Mour	24077	0.19	37249	2639	39887	62	50	7168	508	7676
231	2025	ALT2	WB	MD	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	33692	2575	36267	61	50	7496	573	8069
232	2025	ALT2	WB	MD	Mainline		Mountain View Ave On-Ramp t	23990	0.21	31804	2754	34558	62	50	6574	569	7144
233	2025	ALT2	WB	MD	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	30061	2735	32796	58	50	22773	2072	24844
234	2025	ALT2	WB	MD	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	32792	2835	35627	60	50	3657	316	3973
235	2025	ALT2	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	30462	2750	33212	58	50	14495	1308	15804
236	2025	ALT2	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	39186	2898	42085	58	50	11042	817	11859
237	2025	ALT2	WB	MD	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	21574	1840	23413	61	50	15157	1292	16449
238	2025	ALT2	WB	MD	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	23689	1923	25612	61	50	4957	402	5360
239	2025	ALT2	WB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	24287	1944	26230	60	50	4443	356	4799
240	2025	ALT2	WB	MD	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	31025	2201	33226	61	50	5747	408	6155
241	2025	ALT2	WB	MD	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	27833	2176	30008	60	50	20217	1580	21798
242	2025	ALT2	WB	MD	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	26776	2280	29055	62	50	1240	106	1346
243	2025	ALT2	WB	MD	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	25048	2234	27282	61	50	15517	1384	16901
244	2025	ALT2	WB	MD	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	26304	2294	28597	62	50	2317	202	2519
245	2025	ALT2	WB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	25105	2266	27371	61	50	14665	1324	15989
246	2025	ALT2	WB	MD	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	26558	2342	28901	62	50	11066	976	12042
247	2025	ALT2	WB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	24150	2288	26438	61	50	14361	1361	15722
248	2025	ALT2	WB	MD	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	30910	2348	33257	61	50	5262	400	5662
249	2025	ALT2	WB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	27570	2242	29812	62	50	16272	1323	17595

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250	2025	ALT2	WB	MD	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	31337	2457	33794	61	50	26719	2095	28814
251	2025	ALT2	WB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	27497	2345	29842	60	50	19977	1704	21681
252	2025	ALT2	WB	MD	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	30545	2519	33063	61	50	16002	1319	17322
253	2025	ALT2	WB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	30545	2519	33063	61	50	11460	945	12405
254	2025	ALT2	WB	MD	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	25442	2519	27960	62	50	9202	911	10113
255	2025	ALT2	WB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	22117	2449	24565	62	50	15259	1689	16948
256	2025	ALT2	WB	MD	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	30563	2561	33124	61	50	11910	998	12908
257	2025	ALT2	WB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	28203	2482	30686	60	50	15202	1338	16540
258	2025	ALT2	WB	MD	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	32605	2681	35285	62	50	13635	1121	14757
259	2025	ALT2	WB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	31363	2610	33972	63	50	19777	1646	21422
260	2025	ALT2	WB	MD	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	34271	2794	37065	62	50	13517	1102	14619
261	2025	ALT2	WB	MD	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	29479	2612	32091	62	50	16226	1438	17664
262	2025	ALT2	WB	MD	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	30921	3015	33936	63	50	39207	3823	43030
263	2025	ALT2	WB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	28340	2889	31228	62	50	19245	1962	21206
264	2025	ALT2	WB	MD	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	30557	3387	33944	58	50	7954	882	8836
265	2025	ALT2	WB	MD	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	32201	3533	35734	60	50	4285	470	4755
266	2025	ALT2	WB	MD	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	24904	3124	28028	60	50	14128	1772	15900
267	2025	ALT2	WB	MD	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	34582	4212	38793	59	50	4598	560	5158
268	2025	ALT2	WB	MD	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	40027	5034	45061	62	50	827	104	931
269	2025	ALT2	WB	MD	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	36638	4855	41494	58	50	21264	2818	24082
270	2025	ALT2	WB	MD	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	36106	5144	41250	58	50	9013	1284	10297
271	2025	ALT2	WB	MD	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	33913	4973	38887	55	50	13947	2045	15992
272	2025	ALT2	WB	MD	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	35825	5165	40990	53	50	10343	1491	11834
273	2025	ALT2	WB	MD	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	37620	5289	42909	57	50	10283	1446	11729
274	2025	ALT2	WB	MD	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	36032	5199	41231	58	50	11692	1687	13379
275	2025	ALT2	WB	MD	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	35639	4847	40486	59	50	22296	3033	25329
276	2025	ALT2	WB	MD	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	38607	5065	43672	61	50	5907	775	6682
277	2025	ALT2	WB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	35322	4982	40304	59	50	12772	1801	14573
278	2025	ALT2	WB	MD	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	32919	5267	38186	60	50	6265	1002	7267
279	2025	ALT2	WB	MD	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	34386	5293	39679	56	50	12513	1926	14439
280	2025	ALT2	WB	MD	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	34813	5175	39987	56	50	13526	2010	15536
281	2025	ALT2	WB	MD	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	40091	5581	45672	51	50	10386	1446	11831
282	2025	ALT2	WB	MD	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	37264	5476	42740	54	50	14846	2182	17028
283	2025	ALT2	WB	MD	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	38838	5553	44391	52	50	13947	1994	15941
284	2025	ALT2	WB	MD	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	41736	5655	47390	49	49	17651	2392	20043
285	2025	ALT2	WB	MD	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	37963	5504	43467	53	50	12392	1796	14188
286	2025	ALT2	WB	MD	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	37643	5594	43237	53	50	10329	1535	11864
287	2025	ALT2	WB	MD	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	34172	5470	39642	56	50	17990	2880	20870
288	2025	ALT2	WB	MD	Mainline		Central Ave On-Ramp to Monte	23492	0.05	42672	5616	48288	56	50	2153	283	2437
289	2025	ALT2	WB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	40714	5489	46203	51	50	22799	3074	25873
290	2025	ALT2	WB	MD	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1351	23	1373	34	34	726	12	739
291	2025	ALT2	WB	MD	Ramp	ON	Ford St On-Ramp	94684	0.23	3086	68	3154	27	27	697	15	712
292	2025	ALT2	WB	MD	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	777	12	790	33	33	216	3	219
293	2025	ALT2	WB	MD	Ramp	ON	University St On-Ramp	94674	0.21	3712	92	3804	12	12	785	19	804
294	2025	ALT2	WB	MD	Ramp	OFF	6th St Off-Ramp	94690	0.26	1722	47	1768	25	25	456	12	468
295	2025	ALT2	WB	MD	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3831	71	3902	12	12	739	14	752
296	2025	ALT2	WB	MD	Ramp	ON	Orange St On-Ramp	2676749	0.16	1969	91	2060	17	17	309	14	323
297	2025	ALT2	WB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	6504	1232	7736	28	28	5623	1065	6688
298	2025	ALT2	WB	MD	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	1090	19	1109	27	27	74	1	75

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
299	2025	ALT2	WB	MD	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	873	16	889	33	33	316	6	322
300	2025	ALT2	WB	MD	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	3685	84	3769	29	29	3676	84	3760
301	2025	ALT2	WB	MD	Ramp	ON	Alabama St On-Ramp	2676731	0.12	6995	284	7278	19	19	836	34	869
302	2025	ALT2	WB	MD	Ramp	OFF	California St Off-Ramp	94793	0.13	1604	33	1637	31	31	207	4	212
303	2025	ALT2	WB	MD	Ramp	ON	California St On-Ramp	2676730	0.11	2934	150	3083	27	27	336	17	353
304	2025	ALT2	WB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	3557	63	3620	22	22	415	7	422
305	2025	ALT2	WB	MD	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	3866	178	4045	25	25	528	24	552
306	2025	ALT2	WB	MD	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1743	19	1762	23	23	378	4	383
307	2025	ALT2	WB	MD	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3344	100	3444	12	12	413	12	426
308	2025	ALT2	WB	MD	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	2330	85	2415	20	20	569	21	589
309	2025	ALT2	WB	MD	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	2634	149	2783	14	14	347	20	366
310	2025	ALT2	WB	MD	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	17613	1059	18672	28	28	3092	186	3278
311	2025	ALT2	WB	MD	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2115	84	2199	16	16	698	28	726
312	2025	ALT2	WB	MD	Ramp	ON	I-215 NB On-Ramp	24504	0.53	597	21	618	25	25	317	11	328
313	2025	ALT2	WB	MD	Ramp	ON	I-215 SB On-Ramp	24517	0.43	6738	258	6996	32	32	2888	110	2998
314	2025	ALT2	WB	MD	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ram	96149	0.24	3192	26	3218	18	18	770	6	776
315	2025	ALT2	WB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2739	104	2843	19	19	720	27	747
316	2025	ALT2	WB	MD	Ramp	OFF	9th St Off-Ramp	94928	0.21	1728	45	1773	25	25	369	10	378
317	2025	ALT2	WB	MD	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1256	60	1315	18	18	393	19	412
318	2025	ALT2	WB	MD	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1199	28	1227	26	26	321	8	329
319	2025	ALT2	WB	MD	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2041	77	2117	19	19	650	24	675
320	2025	ALT2	WB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2408	54	2463	22	22	432	10	442
321	2025	ALT2	WB	MD	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1896	60	1956	17	17	643	20	663
322	2025	ALT2	WB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	3339	106	3445	17	17	356	11	367
323	2025	ALT2	WB	MD	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	3692	215	3908	29	29	1153	67	1220
324	2025	ALT2	WB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	3840	112	3952	27	27	502	15	517
325	2025	ALT2	WB	MD	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3191	173	3364	18	18	1312	71	1384
326	2025	ALT2	WB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2025	ALT2	WB	MD	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2025	ALT2	WB	MD	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3325	70	3395	27	27	386	8	394
329	2025	ALT2	WB	MD	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	3344	112	3456	18	18	819	27	846
330	2025	ALT2	WB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2360	78	2439	28	28	255	8	264
331	2025	ALT2	WB	MD	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3991	198	4189	28	28	1193	59	1252
332	2025	ALT2	WB	MD	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1242	71	1313	34	34	363	21	384
333	2025	ALT2	WB	MD	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2780	185	2965	29	29	960	64	1024
334	2025	ALT2	WB	MD	Ramp	OFF	Cherry Off-Ramp	94837	0.13	4792	182	4974	31	31	620	24	644
335	2025	ALT2	WB	MD	Ramp	ON	Cherry On-Ramp	95966	0.28	5451	403	5854	27	27	1525	113	1638
336	2025	ALT2	WB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	2582	126	2708	26	26	1308	64	1372
337	2025	ALT2	WB	MD	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	3022	498	3520	27	27	581	96	677
338	2025	ALT2	WB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	1644	146	1790	28	28	602	53	655
339	2025	ALT2	WB	MD	Ramp	OFF	I-15 Off-Ramp	24554	0.28	7297	409	7706	44	44	2056	115	2171
340	2025	ALT2	WB	MD	Ramp	ON	I-15 SB On-Ramp	23554	0.63	9678	1088	10766	29	29	6090	685	6774
341	2025	ALT2	WB	MD	Ramp	ON	I-15 NB On-Ramp	23572	1.00	5446	822	6268	22	22	5460	824	6284
342	2025	ALT2	WB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	3389	179	3567	26	26	682	36	718
343	2025	ALT2	WB	MD	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	3588	289	3877	10	10	634	51	685
344	2025	ALT2	WB	MD	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2192	171	2363	28	28	384	30	413
345	2025	ALT2	WB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2150	192	2342	15	15	205	18	224
346	2025	ALT2	WB	MD	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1796	124	1919	16	16	348	24	372
347	2025	ALT2	WB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1588	90	1678	23	23	288	16	305

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
348	2025	ALT2	WB	MD	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	6089	352	6441	28	28	3509	203	3712
349	2025	ALT2	WB	MD	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	2968	218	3186	27	27	544	40	583
350	2025	ALT2	WB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	3285	83	3368	33	33	1056	27	1083
351	2025	ALT2	WB	MD	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	2455	285	2740	15	15	391	45	436
352	2025	ALT2	WB	MD	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1467	26	1493	19	19	298	5	304
353	2025	ALT2	WB	MD	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	3686	118	3804	27	27	932	30	962
354	2025	ALT2	WB	MD	Ramp	ON	4th St On-Ramp	2731498	0.26	5279	406	5685	16	16	1359	105	1464
355	2025	ALT2	WB	MD	Ramp	OFF	7th St Off-Ramp	94628	0.20	2827	104	2932	20	20	573	21	595
356	2025	ALT2	WB	MD	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1978	77	2055	17	17	471	18	490
357	2025	ALT2	WB	MD	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2897	101	2999	15	15	1095	38	1133
358	2025	ALT2	WB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3773	151	3924	14	14	525	21	546
359	2025	ALT2	WB	MD	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	3997	90	4087	11	11	812	18	830
360	2025	ALT2	WB	MD	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	3471	124	3595	16	16	463	16	480
361	2025	ALT2	WB	MD	Ramp	ON	Central Ave On-Ramp	2668754	0.12	3835	146	3981	12	12	464	18	482
362	2025	ALT2	WB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1958	127	2085	23	23	443	29	472
363	2025	ALT2	WB	MD	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2953	78	3031	15	15	975	26	1001
364	2025	ALT2	WB	MD	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2025	ALT2	WB	MD	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2025	ALT2	WB	MD	HOV		Ford St On-Ramp to Cypress Av	2731628	0.40	5956		5956	49	49	2395		2395
367	2025	ALT2	WB	MD	HOV		Cypress Ave Off-Ramp to Unive	2731628	0.78	5956		5956	49	49	4653		4653
368	2025	ALT2	WB	MD	HOV		University St On-Ramp to 6th S	2731628	0.50	5956		5956	49	49	2968		2968
369	2025	ALT2	WB	MD	HOV		6th St Off-Ramp to Orange St L	2731628	0.41	5956		5956	49	49	2459		2459
370	2025	ALT2	WB	MD	HOV		Orange St Loop On-Ramp to Or	2731626	0.38	6180		6180	48	48	2345		2345
371	2025	ALT2	WB	MD	HOV		Orange St On-Ramp to SR-210	2731626	0.36	6180		6180	48	48	2222		2222
372	2025	ALT2	WB	MD	HOV		SR-210 Off-Ramp to Tennessee	2731626	0.37	6180		6180	48	48	2315		2315
373	2025	ALT2	WB	MD	HOV		Tennessee St Off-Ramp to Alab	2731626	0.17	6180		6180	48	48	1066		1066
374	2025	ALT2	WB	MD	HOV		Alabama St Off-Ramp to SR-21	2731626	0.27	6180		6180	48	48	1647		1647
375	2025	ALT2	WB	MD	HOV		SR-210 SB On-Ramp to Alabam	2731626	0.17	6180		6180	48	48	1078		1078
376	2025	ALT2	WB	MD	HOV		Alabama St On-Ramp to Califo	2731626	0.78	6180		6180	48	48	4838		4838
377	2025	ALT2	WB	MD	HOV		California St Off-Ramp to Califo	2731613	0.26	6180		6180	48	48	1613		1613
378	2025	ALT2	WB	MD	HOV		California St On-Ramp to Mour	2731613	0.12	6180		6180	48	48	752		752
379	2025	ALT2	WB	MD	HOV		Mountain View Ave Off-Ramp t	2779137	0.37	7782		7782	43	43	2895		2895
380	2025	ALT2	WB	MD	HOV		Mountain View Ave On-Ramp t	2779137	0.19	7782		7782	43	43	1498		1498
381	2025	ALT2	WB	MD	HOV		Tippecanoe Ave Off-Ramp to T	2779137	0.22	7782		7782	43	43	1731		1731
382	2025	ALT2	WB	MD	HOV		Tippecanoe Ave On-Ramp to H	2779137	0.21	7782		7782	43	43	1609		1609
383	2025	ALT2	WB	MD	HOV		Hospitality Ln/ Carnegie Dr Off	2779137	0.32	7782		7782	43	43	2496		2496
384	2025	ALT2	WB	MD	HOV		Hospitality Ln/ Carnegie Dr On	2779137	0.11	7782		7782	43	43	868		868
385	2025	ALT2	WB	MD	HOV		I-215 NB Off-Ramp to Sunwest	2779137	0.28	7782		7782	43	43	2158		2158
386	2025	ALT2	WB	MD	HOV		Sunwest Ln On-Ramp to I-215 I	2779137	0.28	7782		7782	43	43	2193		2193
387	2025	ALT2	WB	MD	HOV		I-215 NB On-Ramp to I-215 SB	2779137	0.70	7782		7782	43	43	5467		5467
388	2025	ALT2	WB	MD	HOV		I-215 SB On-Ramp to Sperry Dr	2779137	0.21	7782		7782	43	43	1628		1628
389	2025	ALT2	WB	MD	HOV		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.18	7782		7782	43	43	1424		1424
390	2025	ALT2	WB	MD	HOV		Mt Vernon Ave On-Ramp to 9t	2779131	0.19	6101		6101	49	49	1130		1130
391	2025	ALT2	WB	MD	HOV		9th St Off-Ramp to La Cadena I	2779131	0.36	6101		6101	49	49	2184		2184
392	2025	ALT2	WB	MD	HOV		La Cadena Dr On-Ramp to Ran	2779131	0.05	6101		6101	49	49	283		283
393	2025	ALT2	WB	MD	HOV		Rancho Ave Off-Ramp to Ranch	2779131	0.62	6101		6101	49	49	3780		3780
394	2025	ALT2	WB	MD	HOV		Rancho Ave On-Ramp to Peppe	2779131	0.09	6101		6101	49	49	537		537
395	2025	ALT2	WB	MD	HOV		Pepper Ave Off-Ramp to Peppe	2779131	0.24	6101		6101	49	49	1461		1461
396	2025	ALT2	WB	MD	HOV		Pepper Ave On-Ramp to Rivers	2779131	0.42	6101		6101	49	49	2542		2542

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
397	2025	ALT2	WB	MD	HOV		Riverside Ave Off-Ramp to Rive	2779131	0.24	6101		6101	49	49	1490		1490
398	2025	ALT2	WB	MD	HOV		Riverside Ave On-Ramp to Ced	2779131	0.17	6101		6101	49	49	1039		1039
399	2025	ALT2	WB	MD	HOV		Cedar Ave Off-Ramp to Cedar A	2779131	0.27	6101		6101	49	49	1672		1672
400	2025	ALT2	WB	MD	HOV		Cedar Ave On-Ramp to Alder A	2779131	0.85	6101		6101	49	49	5202		5202
401	2025	ALT2	WB	MD	HOV		Alder Ave Off-Ramp to Alder A	2731555	0.31	6997		6997	46	46	2153		2153
402	2025	ALT2	WB	MD	HOV		Alder Ave On-Ramp to Alder Av	2731555	0.52	6997		6997	46	46	3666		3666
403	2025	ALT2	WB	MD	HOV		Sierra Ave Off-Ramp to Sierra A	2731555	0.38	6997		6997	46	46	2625		2625
404	2025	ALT2	WB	MD	HOV		Sierra Ave On-Ramp to Citrus A	2731555	0.36	6997		6997	46	46	2531		2531
405	2025	ALT2	WB	MD	HOV		Citrus Ave Off-Ramp to Citrus A	2731555	0.26	6997		6997	46	46	1845		1845
406	2025	ALT2	WB	MD	HOV		Citrus Ave On-Ramp to Beach C	2731555	0.39	6997		6997	46	46	2727		2727
407	2025	ALT2	WB	MD	HOV		Beach Ave Off-Ramp to Beach	2731555	0.24	6997		6997	46	46	1649		1649
408	2025	ALT2	WB	MD	HOV		Beach Ave On-Ramp to Cherry	2731555	0.42	6997		6997	46	46	2926		2926
409	2025	ALT2	WB	MD	HOV		Cherry Off-Ramp to Cherry On-	2731555	0.28	6997		6997	46	46	1978		1978
410	2025	ALT2	WB	MD	HOV		Cherry On-Ramp to Etiwanda A	2779119	0.39	5365		5365	51	50	2116		2116
411	2025	ALT2	WB	MD	HOV		Etiwanda Ave Off-Ramp to Etiv	2779119	0.26	5365		5365	51	50	1407		1407
412	2025	ALT2	WB	MD	HOV		Etiwanda Ave Loop On-Ramp t	2779119	1.27	5365		5365	51	50	6802		6802
413	2025	ALT2	WB	MD	HOV		Etiwanda Ave On-Ramp to I-15	2779119	0.49	5365		5365	51	50	2615		2615
414	2025	ALT2	WB	MD	HOV		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.26	5365		5365	51	50	1396		1396
415	2025	ALT2	WB	MD	HOV		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	5365		5365	51	50	714		714
416	2025	ALT2	WB	MD	HOV		I-15 NB On-Ramp to Milliken A	2779119	0.57	5365		5365	51	50	3043		3043
417	2025	ALT2	WB	MD	HOV		Milliken Ave Off-Ramp to Millik	2779119	0.13	5365		5365	51	50	713		713
418	2025	ALT2	WB	MD	HOV		Milliken Ave On-Ramp to Have	2779119	0.02	5365		5365	51	50	111		111
419	2025	ALT2	WB	MD	HOV		Haven Ave Off-Ramp to Haven	2779119	0.29	5365		5365	51	50	1559		1559
420	2025	ALT2	WB	MD	HOV		Haven Ave Loop On-Ramp to H	2779113	0.25	10529		10529	43	43	2628		2628
421	2025	ALT2	WB	MD	HOV		Haven Ave On-Ramp to Archiba	2779113	0.28	10529		10529	43	43	2955		2955
422	2025	ALT2	WB	MD	HOV		Archibald Ave Off-Ramp to Hol	2779113	0.29	10529		10529	43	43	3040		3040
423	2025	ALT2	WB	MD	HOV		Holt Blvd Off-Ramp to Archibal	2779113	0.27	10529		10529	43	43	2878		2878
424	2025	ALT2	WB	MD	HOV		Archibald Ave On-Ramp to Vine	2779113	0.21	10529		10529	43	43	2196		2196
425	2025	ALT2	WB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2779113	0.63	10529		10529	43	43	6587		6587
426	2025	ALT2	WB	MD	HOV		Vineyard Ave Loop On-Ramp to	2779113	0.15	10529		10529	43	43	1611		1611
427	2025	ALT2	WB	MD	HOV		Vineyard Ave On-Ramp to 4th S	2779113	0.22	10529		10529	43	43	2279		2279
428	2025	ALT2	WB	MD	HOV		4th St Off-Ramp to 4th St On-R	2779113	0.19	10529		10529	43	43	2004		2004
429	2025	ALT2	WB	MD	HOV		4th St On-Ramp to 7th St Off-R	2779113	0.36	10529		10529	43	43	3831		3831
430	2025	ALT2	WB	MD	HOV		7th St Off-Ramp to Euclid Ave I	2779107	0.39	5579		5579	52	50	2167		2167
431	2025	ALT2	WB	MD	HOV		Euclid Ave Loop On-Ramp to Eu	2779107	0.26	5579		5579	52	50	1445		1445
432	2025	ALT2	WB	MD	HOV		Euclid Ave On-Ramp to Mounta	2779107	0.25	5579		5579	52	50	1377		1377
433	2025	ALT2	WB	MD	HOV		Mountain Ave Off-Ramp to Mo	2760177	0.36	10298		10298	36	36	3698		3698
434	2025	ALT2	WB	MD	HOV		Mountain Ave On-Ramp to Cer	2760177	0.42	10298		10298	36	36	4356		4356
435	2025	ALT2	WB	MD	HOV		Central Ave Off-Ramp to Centr	2760177	0.33	10298		10298	36	36	3362		3362
436	2025	ALT2	WB	MD	HOV		Central Ave On-Ramp to Monte	2760177	0.27	10298		10298	36	36	2826		2826
437	2025	ALT2	WB	MD	HOV		Monte Vista Ave Off-Ramp to M	2760177	0.25	10298		10298	36	36	2611		2611
216	2025	ALT2	WB	PM	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	14910	2040	16951	63	50	5996	821	6817
217	2025	ALT2	WB	PM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	13834	2027	15860	62	50	10807	1583	12391
218	2025	ALT2	WB	PM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	16016	2071	18087	63	50	7981	1032	9013
219	2025	ALT2	WB	PM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	15428	2064	17492	61	50	11557	1546	13103
220	2025	ALT2	WB	PM	Mainline		University St On-Ramp to 6th S	23726	0.38	18072	2123	20195	62	50	6857	806	7662
221	2025	ALT2	WB	PM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	16851	2097	18948	60	50	6060	754	6814
222	2025	ALT2	WB	PM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	19802	2132	21933	61	50	7417	799	8216
223	2025	ALT2	WB	PM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	21609	2198	23808	61	50	3727	379	4106

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
224	2025	ALT2	WB	PM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	14853	1209	16062	62	50	3959	322	4281
225	2025	ALT2	WB	PM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	14327	1197	15524	62	50	2500	209	2709
226	2025	ALT2	WB	PM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	13944	1187	15130	63	50	10916	929	11845
227	2025	ALT2	WB	PM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	16800	1248	18048	63	50	4386	326	4711
228	2025	ALT2	WB	PM	Mainline		Alabama St On-Ramp to Califo	24057	0.12	22586	1397	23983	63	50	2748	170	2918
229	2025	ALT2	WB	PM	Mainline		California St Off-Ramp to Calif	24044	0.86	21626	1375	23001	61	50	18641	1185	19826
230	2025	ALT2	WB	PM	Mainline		California St On-Ramp to Mour	24077	0.19	28344	1469	29812	61	50	5455	283	5737
231	2025	ALT2	WB	PM	Mainline		Mountain View Ave Off-Ramp	24041	0.22	25965	1430	27395	59	50	5777	318	6095
232	2025	ALT2	WB	PM	Mainline		Mountain View Ave On-Ramp	23990	0.21	25931	1542	27473	61	50	5360	319	5679
233	2025	ALT2	WB	PM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	24991	1526	26517	55	50	18932	1156	20088
234	2025	ALT2	WB	PM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	27629	1569	29199	57	50	3081	175	3256
235	2025	ALT2	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	26093	1520	27614	54	50	12416	723	13140
236	2025	ALT2	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	33247	1612	34859	52	50	9368	454	9823
237	2025	ALT2	WB	PM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	19633	1156	20789	59	50	13794	812	14606
238	2025	ALT2	WB	PM	Mainline		Sunwest Ln On-Ramp to I-215	24539	0.21	21854	1196	23050	58	50	4573	250	4823
239	2025	ALT2	WB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	22518	1213	23730	57	50	4119	222	4341
240	2025	ALT2	WB	PM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	29284	1401	30684	56	50	5425	259	5684
241	2025	ALT2	WB	PM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	26718	1388	28106	55	50	19408	1008	20416
242	2025	ALT2	WB	PM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	26977	1447	28424	59	50	1250	67	1317
243	2025	ALT2	WB	PM	Mainline		9th St Off-Ramp to La Cadena	24601	0.62	25667	1420	27087	56	50	15901	880	16780
244	2025	ALT2	WB	PM	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	26939	1455	28393	59	50	2373	128	2501
245	2025	ALT2	WB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	25536	1424	26959	56	50	14917	832	15749
246	2025	ALT2	WB	PM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	26873	1466	28339	59	50	11197	611	11807
247	2025	ALT2	WB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	24754	1435	26189	57	50	14720	853	15574
248	2025	ALT2	WB	PM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	28785	1469	30254	58	50	4901	250	5151
249	2025	ALT2	WB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	25878	1413	27291	59	50	15273	834	16107
250	2025	ALT2	WB	PM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	29579	1524	31104	57	50	25221	1300	26520
251	2025	ALT2	WB	PM	Mainline		Cedar Ave Off-Ramp to Cedar	23791	0.73	25395	1453	26848	56	50	18450	1056	19506
252	2025	ALT2	WB	PM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	27909	1555	29464	58	50	14621	815	15436
253	2025	ALT2	WB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	27909	1555	29464	58	50	10471	583	11055
254	2025	ALT2	WB	PM	Mainline		Alder Ave On-Ramp to Alder A	2661436	0.36	24955	1555	26510	60	50	9026	562	9588
255	2025	ALT2	WB	PM	Mainline		Sierra Ave Off-Ramp to Sierra	24271	0.69	21701	1516	23218	59	50	14972	1046	16018
256	2025	ALT2	WB	PM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	27210	1583	28793	58	50	10603	617	11220
257	2025	ALT2	WB	PM	Mainline		Citrus Ave Off-Ramp to Citrus	24494	0.54	24504	1534	26038	57	50	13208	827	14035
258	2025	ALT2	WB	PM	Mainline		Citrus Ave On-Ramp to Beach	24527	0.42	28114	1643	29757	61	50	11757	687	12444
259	2025	ALT2	WB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	26444	1593	28037	61	50	16675	1005	17680
260	2025	ALT2	WB	PM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	29021	1714	30736	60	50	11447	676	12123
261	2025	ALT2	WB	PM	Mainline		Cherry Off-Ramp to Cherry On	24225	0.55	24822	1598	26420	60	50	13663	879	14542
262	2025	ALT2	WB	PM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	26551	1827	28378	61	50	33666	2316	35982
263	2025	ALT2	WB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	24710	1739	26449	59	50	16779	1181	17961
264	2025	ALT2	WB	PM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	26972	1969	28941	52	50	7021	513	7533
265	2025	ALT2	WB	PM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	29057	2078	31135	56	50	3867	276	4143
266	2025	ALT2	WB	PM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	22833	1854	24687	56	50	12953	1052	14005
267	2025	ALT2	WB	PM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	29813	2206	32019	55	50	3964	293	4257
268	2025	ALT2	WB	PM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	33884	2498	36382	60	50	700	52	751
269	2025	ALT2	WB	PM	Mainline		Milliken Ave Off-Ramp to Milli	85493	0.58	32004	2373	34377	52	50	18575	1377	19952
270	2025	ALT2	WB	PM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	31211	2519	33730	53	50	7791	629	8420
271	2025	ALT2	WB	PM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	29441	2403	31844	48	48	12108	988	13096
272	2025	ALT2	WB	PM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	31542	2517	34058	43	43	9106	727	9833

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
273	2025	ALT2	WB	PM	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	33332	2585	35917	50	50	9111	706	9817
274	2025	ALT2	WB	PM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	31910	2536	34446	52	50	10354	823	11177
275	2025	ALT2	WB	PM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	30605	2308	32913	54	50	19147	1444	20591
276	2025	ALT2	WB	PM	Mainline		Archibald Ave On-Ramp to Vin	23575	0.15	34551	2397	36949	56	50	5287	367	5653
277	2025	ALT2	WB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	31188	2342	33530	53	50	11277	847	12123
278	2025	ALT2	WB	PM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	30424	2449	32873	54	50	5790	466	6256
279	2025	ALT2	WB	PM	Mainline		Vineyard Ave On-Ramp to 4th	23538	0.36	31918	2486	34404	45	45	11614	905	12519
280	2025	ALT2	WB	PM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	29762	2423	32185	49	49	11563	941	12505
281	2025	ALT2	WB	PM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	33784	2615	36400	39	39	8752	678	9429
282	2025	ALT2	WB	PM	Mainline		7th St Off-Ramp to Euclid Ave	23447	0.40	31169	2569	33737	46	46	12418	1023	13441
283	2025	ALT2	WB	PM	Mainline		Euclid Ave Loop On-Ramp to E	1658013	0.36	32261	2604	34865	43	43	11585	935	12520
284	2025	ALT2	WB	PM	Mainline		Euclid Ave On-Ramp to Mount	23434	0.42	34614	2658	37272	35	35	14639	1124	15763
285	2025	ALT2	WB	PM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	31576	2475	34052	45	45	10307	808	11115
286	2025	ALT2	WB	PM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	32654	2510	35164	43	43	8960	689	9649
287	2025	ALT2	WB	PM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	29954	2357	32311	49	49	15770	1241	17010
288	2025	ALT2	WB	PM	Mainline		Central Ave On-Ramp to Mont	23492	0.05	35231	2422	37653	50	50	1778	122	1900
289	2025	ALT2	WB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	33164	2340	35504	42	42	18571	1310	19881
290	2025	ALT2	WB	PM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1076	14	1090	34	34	579	7	586
291	2025	ALT2	WB	PM	Ramp	ON	Ford St On-Ramp	94684	0.23	2383	45	2428	26	26	538	10	548
292	2025	ALT2	WB	PM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	588	7	595	33	33	163	2	165
293	2025	ALT2	WB	PM	Ramp	ON	University St On-Ramp	94674	0.21	2644	60	2703	11	11	559	13	571
294	2025	ALT2	WB	PM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1220	27	1247	24	24	323	7	330
295	2025	ALT2	WB	PM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3085	35	3120	8	8	595	7	602
296	2025	ALT2	WB	PM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1808	66	1874	15	15	284	10	294
297	2025	ALT2	WB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	6757	989	7746	26	26	5841	855	6696
298	2025	ALT2	WB	PM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	526	13	538	28	28	35	1	36
299	2025	ALT2	WB	PM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	383	10	393	34	34	139	4	142
300	2025	ALT2	WB	PM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	2856	62	2918	29	29	2849	62	2911
301	2025	ALT2	WB	PM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	5786	149	5935	13	13	691	18	709
302	2025	ALT2	WB	PM	Ramp	OFF	California St Off-Ramp	94793	0.13	960	22	982	31	31	124	3	127
303	2025	ALT2	WB	PM	Ramp	ON	California St On-Ramp	2676730	0.11	3614	93	3707	23	23	414	11	425
304	2025	ALT2	WB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2378	39	2418	21	21	277	5	282
305	2025	ALT2	WB	PM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	4525	113	4638	20	20	617	15	633
306	2025	ALT2	WB	PM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	940	16	955	24	24	204	3	207
307	2025	ALT2	WB	PM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3165	43	3208	6	6	391	5	397
308	2025	ALT2	WB	PM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1536	49	1585	20	20	375	12	387
309	2025	ALT2	WB	PM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	2966	92	3057	7	7	390	12	403
310	2025	ALT2	WB	PM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	13614	456	14070	23	23	2390	80	2470
311	2025	ALT2	WB	PM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2221	40	2261	12	12	733	13	746
312	2025	ALT2	WB	PM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	663	16	680	24	24	352	9	361
313	2025	ALT2	WB	PM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	6766	188	6954	29	29	2900	81	2981
314	2025	ALT2	WB	PM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2565	13	2578	14	14	619	3	622
315	2025	ALT2	WB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2326	59	2386	18	18	612	16	627
316	2025	ALT2	WB	PM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1310	27	1337	24	24	279	6	285
317	2025	ALT2	WB	PM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1272	35	1306	17	17	398	11	409
318	2025	ALT2	WB	PM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1403	31	1434	23	23	376	8	384
319	2025	ALT2	WB	PM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1783	42	1825	19	19	568	13	581
320	2025	ALT2	WB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2119	30	2150	18	18	380	5	386
321	2025	ALT2	WB	PM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1306	34	1339	17	17	443	11	454

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
322	2025	ALT2	WB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2907	56	2963	10	10	310	6	316
323	2025	ALT2	WB	PM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	3493	111	3604	28	28	1091	35	1125
324	2025	ALT2	WB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	4184	71	4256	23	23	547	9	556
325	2025	ALT2	WB	PM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2554	102	2656	18	18	1051	42	1092
326	2025	ALT2	WB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2025	ALT2	WB	PM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2025	ALT2	WB	PM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3254	39	3292	25	25	377	5	382
329	2025	ALT2	WB	PM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2562	67	2629	18	18	627	16	644
330	2025	ALT2	WB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2706	49	2755	26	26	292	5	298
331	2025	ALT2	WB	PM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3103	109	3212	28	28	928	33	960
332	2025	ALT2	WB	PM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1670	49	1720	33	33	488	14	503
333	2025	ALT2	WB	PM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2331	121	2452	29	29	805	42	847
334	2025	ALT2	WB	PM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	4199	117	4316	28	28	544	15	559
335	2025	ALT2	WB	PM	Ramp	ON	Cherry On-Ramp	95966	0.28	4295	229	4524	27	27	1202	64	1266
336	2025	ALT2	WB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1842	88	1929	25	25	933	44	977
337	2025	ALT2	WB	PM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	2776	230	3006	23	23	534	44	579
338	2025	ALT2	WB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	2085	108	2193	26	26	763	40	803
339	2025	ALT2	WB	PM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6225	223	6448	42	42	1753	63	1816
340	2025	ALT2	WB	PM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6980	352	7332	29	29	4393	221	4614
341	2025	ALT2	WB	PM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4071	292	4363	21	21	4082	293	4374
342	2025	ALT2	WB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1880	125	2005	27	27	378	25	403
343	2025	ALT2	WB	PM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2724	146	2870	9	9	481	26	507
344	2025	ALT2	WB	PM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	1770	115	1886	27	27	310	20	330
345	2025	ALT2	WB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2182	114	2296	12	12	208	11	219
346	2025	ALT2	WB	PM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1790	68	1858	14	14	347	13	361
347	2025	ALT2	WB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1422	49	1471	21	21	258	9	267
348	2025	ALT2	WB	PM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4401	227	4629	27	27	2537	131	2668
349	2025	ALT2	WB	PM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	3946	89	4035	22	22	723	16	739
350	2025	ALT2	WB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	3364	55	3419	30	30	1082	18	1099
351	2025	ALT2	WB	PM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1878	107	1985	15	15	299	17	316
352	2025	ALT2	WB	PM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1494	37	1531	19	19	304	8	312
353	2025	ALT2	WB	PM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	4079	63	4142	23	23	1032	16	1048
354	2025	ALT2	WB	PM	Ramp	ON	4th St On-Ramp	2731498	0.26	4022	192	4215	15	15	1036	50	1085
355	2025	ALT2	WB	PM	Ramp	OFF	7th St Off-Ramp	94628	0.20	2616	47	2663	14	14	531	9	540
356	2025	ALT2	WB	PM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1446	35	1481	17	17	345	8	353
357	2025	ALT2	WB	PM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2352	54	2406	13	13	889	20	909
358	2025	ALT2	WB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3037	183	3220	7	7	423	25	448
359	2025	ALT2	WB	PM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	3000	35	3035	9	9	610	7	617
360	2025	ALT2	WB	PM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2699	153	2852	11	11	360	20	381
361	2025	ALT2	WB	PM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2979	65	3044	9	9	360	8	368
362	2025	ALT2	WB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2067	82	2149	18	18	468	19	486
363	2025	ALT2	WB	PM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2502	38	2540	12	12	826	12	839
364	2025	ALT2	WB	PM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2025	ALT2	WB	PM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2025	ALT2	WB	PM	HOV		Ford St On-Ramp to Cypress Av	2731628	0.40	4594		4594	46	46	1848		1848
367	2025	ALT2	WB	PM	HOV		Cypress Ave Off-Ramp to Unive	2731628	0.78	4594		4594	46	46	3589		3589
368	2025	ALT2	WB	PM	HOV		University St On-Ramp to 6th S	2731628	0.50	4594		4594	46	46	2289		2289
369	2025	ALT2	WB	PM	HOV		6th St Off-Ramp to Orange St L	2731628	0.41	4594		4594	46	46	1897		1897
370	2025	ALT2	WB	PM	HOV		Orange St Loop On-Ramp to Or	2731626	0.38	4729		4729	45	45	1794		1794

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
371	2025	ALT2	WB	PM	HOV		Orange St On-Ramp to SR-210	2731626	0.36	4729		4729	45	45	1701		1701
372	2025	ALT2	WB	PM	HOV		SR-210 Off-Ramp to Tennessee	2731626	0.37	4729		4729	45	45	1772		1772
373	2025	ALT2	WB	PM	HOV		Tennessee St Off-Ramp to Alab	2731626	0.17	4729		4729	45	45	816		816
374	2025	ALT2	WB	PM	HOV		Alabama St Off-Ramp to SR-21	2731626	0.27	4729		4729	45	45	1261		1261
375	2025	ALT2	WB	PM	HOV		SR-210 SB On-Ramp to Alabam	2731626	0.17	4729		4729	45	45	825		825
376	2025	ALT2	WB	PM	HOV		Alabama St On-Ramp to Califo	2731626	0.78	4729		4729	45	45	3703		3703
377	2025	ALT2	WB	PM	HOV		California St Off-Ramp to Califo	2731613	0.26	4729		4729	45	45	1235		1235
378	2025	ALT2	WB	PM	HOV		California St On-Ramp to Mour	2731613	0.12	4729		4729	45	45	575		575
379	2025	ALT2	WB	PM	HOV		Mountain View Ave Off-Ramp	2779137	0.37	6185		6185	37	37	2301		2301
380	2025	ALT2	WB	PM	HOV		Mountain View Ave On-Ramp t	2779137	0.19	6185		6185	37	37	1190		1190
381	2025	ALT2	WB	PM	HOV		Tippecanoe Ave Off-Ramp to T	2779137	0.22	6185		6185	37	37	1376		1376
382	2025	ALT2	WB	PM	HOV		Tippecanoe Ave On-Ramp to H	2779137	0.21	6185		6185	37	37	1279		1279
383	2025	ALT2	WB	PM	HOV		Hospitality Ln/ Carnegie Dr Off	2779137	0.32	6185		6185	37	37	1984		1984
384	2025	ALT2	WB	PM	HOV		Hospitality Ln/ Carnegie Dr On-	2779137	0.11	6185		6185	37	37	690		690
385	2025	ALT2	WB	PM	HOV		I-215 NB Off-Ramp to Sunwest	2779137	0.28	6185		6185	37	37	1716		1716
386	2025	ALT2	WB	PM	HOV		Sunwest Ln On-Ramp to I-215 I	2779137	0.28	6185		6185	37	37	1743		1743
387	2025	ALT2	WB	PM	HOV		I-215 NB On-Ramp to I-215 SB	2779137	0.70	6185		6185	37	37	4346		4346
388	2025	ALT2	WB	PM	HOV		I-215 SB On-Ramp to Sperry Dr	2779137	0.21	6185		6185	37	37	1294		1294
389	2025	ALT2	WB	PM	HOV		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.18	6185		6185	37	37	1132		1132
390	2025	ALT2	WB	PM	HOV		Mt Vernon Ave On-Ramp to 9t	2779131	0.19	4592		4592	46	46	851		851
391	2025	ALT2	WB	PM	HOV		9th St Off-Ramp to La Cadena I	2779131	0.36	4592		4592	46	46	1644		1644
392	2025	ALT2	WB	PM	HOV		La Cadena Dr On-Ramp to Ran	2779131	0.05	4592		4592	46	46	213		213
393	2025	ALT2	WB	PM	HOV		Rancho Ave Off-Ramp to Ranch	2779131	0.62	4592		4592	46	46	2845		2845
394	2025	ALT2	WB	PM	HOV		Rancho Ave On-Ramp to Peppe	2779131	0.09	4592		4592	46	46	405		405
395	2025	ALT2	WB	PM	HOV		Pepper Ave Off-Ramp to Peppe	2779131	0.24	4592		4592	46	46	1100		1100
396	2025	ALT2	WB	PM	HOV		Pepper Ave On-Ramp to Rivers	2779131	0.42	4592		4592	46	46	1913		1913
397	2025	ALT2	WB	PM	HOV		Riverside Ave Off-Ramp to Rive	2779131	0.24	4592		4592	46	46	1121		1121
398	2025	ALT2	WB	PM	HOV		Riverside Ave On-Ramp to Ced	2779131	0.17	4592		4592	46	46	782		782
399	2025	ALT2	WB	PM	HOV		Cedar Ave Off-Ramp to Cedar A	2779131	0.27	4592		4592	46	46	1259		1259
400	2025	ALT2	WB	PM	HOV		Cedar Ave On-Ramp to Alder A	2779131	0.85	4592		4592	46	46	3915		3915
401	2025	ALT2	WB	PM	HOV		Alder Ave Off-Ramp to Alder A	2731555	0.31	5097		5097	43	43	1568		1568
402	2025	ALT2	WB	PM	HOV		Alder Ave On-Ramp to Alder Av	2731555	0.52	5097		5097	43	43	2670		2670
403	2025	ALT2	WB	PM	HOV		Sierra Ave Off-Ramp to Sierra A	2731555	0.38	5097		5097	43	43	1912		1912
404	2025	ALT2	WB	PM	HOV		Sierra Ave On-Ramp to Citrus A	2731555	0.36	5097		5097	43	43	1843		1843
405	2025	ALT2	WB	PM	HOV		Citrus Ave Off-Ramp to Citrus A	2731555	0.26	5097		5097	43	43	1344		1344
406	2025	ALT2	WB	PM	HOV		Citrus Ave On-Ramp to Beach C	2731555	0.39	5097		5097	43	43	1986		1986
407	2025	ALT2	WB	PM	HOV		Beach Ave Off-Ramp to Beach	2731555	0.24	5097		5097	43	43	1201		1201
408	2025	ALT2	WB	PM	HOV		Beach Ave On-Ramp to Cherry	2731555	0.42	5097		5097	43	43	2131		2131
409	2025	ALT2	WB	PM	HOV		Cherry Off-Ramp to Cherry On-	2731555	0.28	5097		5097	43	43	1441		1441
410	2025	ALT2	WB	PM	HOV		Cherry On-Ramp to Etiwanda A	2779119	0.39	3962		3962	49	49	1563		1563
411	2025	ALT2	WB	PM	HOV		Etiwanda Ave Off-Ramp to Etiv	2779119	0.26	3962		3962	49	49	1039		1039
412	2025	ALT2	WB	PM	HOV		Etiwanda Ave Loop On-Ramp t	2779119	1.27	3962		3962	49	49	5024		5024
413	2025	ALT2	WB	PM	HOV		Etiwanda Ave On-Ramp to I-15	2779119	0.49	3962		3962	49	49	1931		1931
414	2025	ALT2	WB	PM	HOV		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.26	3962		3962	49	49	1031		1031
415	2025	ALT2	WB	PM	HOV		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	3962		3962	49	49	527		527
416	2025	ALT2	WB	PM	HOV		I-15 NB On-Ramp to Milliken A	2779119	0.57	3962		3962	49	49	2248		2248
417	2025	ALT2	WB	PM	HOV		Milliken Ave Off-Ramp to Millik	2779119	0.13	3962		3962	49	49	527		527
418	2025	ALT2	WB	PM	HOV		Milliken Ave On-Ramp to Have	2779119	0.02	3962		3962	49	49	82		82
419	2025	ALT2	WB	PM	HOV		Haven Ave Off-Ramp to Haven	2779119	0.29	3962		3962	49	49	1151		1151

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
420	2025	ALT2	WB	PM	HOV		Haven Ave Loop On-Ramp to H	2779113	0.25	8074		8074	35	35	2016		2016
421	2025	ALT2	WB	PM	HOV		Haven Ave On-Ramp to Archib	2779113	0.28	8074		8074	35	35	2266		2266
422	2025	ALT2	WB	PM	HOV		Archibald Ave Off-Ramp to Hol	2779113	0.29	8074		8074	35	35	2331		2331
423	2025	ALT2	WB	PM	HOV		Holt Blvd Off-Ramp to Archibal	2779113	0.27	8074		8074	35	35	2207		2207
424	2025	ALT2	WB	PM	HOV		Archibald Ave On-Ramp to Vine	2779113	0.21	8074		8074	35	35	1684		1684
425	2025	ALT2	WB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2779113	0.63	8074		8074	35	35	5051		5051
426	2025	ALT2	WB	PM	HOV		Vineyard Ave Loop On-Ramp to	2779113	0.15	8074		8074	35	35	1235		1235
427	2025	ALT2	WB	PM	HOV		Vineyard Ave On-Ramp to 4th	2779113	0.22	8074		8074	35	35	1748		1748
428	2025	ALT2	WB	PM	HOV		4th St Off-Ramp to 4th St On-R	2779113	0.19	8074		8074	35	35	1537		1537
429	2025	ALT2	WB	PM	HOV		4th St On-Ramp to 7th St Off-R	2779113	0.36	8074		8074	35	35	2938		2938
430	2025	ALT2	WB	PM	HOV		7th St Off-Ramp to Euclid Ave	2779107	0.39	5697		5697	43	43	2214		2214
431	2025	ALT2	WB	PM	HOV		Euclid Ave Loop On-Ramp to E	2779107	0.26	5697		5697	43	43	1476		1476
432	2025	ALT2	WB	PM	HOV		Euclid Ave On-Ramp to Mount	2779107	0.25	5697		5697	43	43	1407		1407
433	2025	ALT2	WB	PM	HOV		Mountain Ave Off-Ramp to Mc	2760177	0.36	7973		7973	28	28	2863		2863
434	2025	ALT2	WB	PM	HOV		Mountain Ave On-Ramp to Cer	2760177	0.42	7973		7973	28	28	3372		3372
435	2025	ALT2	WB	PM	HOV		Central Ave Off-Ramp to Centr	2760177	0.33	7973		7973	28	28	2603		2603
436	2025	ALT2	WB	PM	HOV		Central Ave On-Ramp to Mont	2760177	0.27	7973		7973	28	28	2188		2188
437	2025	ALT2	WB	PM	HOV		Monte Vista Ave Off-Ramp to M	2760177	0.25	7973		7973	28	28	2021		2021
216	2025	ALT2	WB	NT	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	10702	3517	14219	64	50	4304	1414	5718
217	2025	ALT2	WB	NT	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	10025	3503	13528	64	50	7832	2737	10569
218	2025	ALT2	WB	NT	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	11151	3546	14696	64	50	5557	1767	7324
219	2025	ALT2	WB	NT	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	10827	3539	14365	64	50	8110	2651	10761
220	2025	ALT2	WB	NT	Mainline		University St On-Ramp to 6th S	23726	0.38	13320	3617	16937	64	50	5054	1372	6426
221	2025	ALT2	WB	NT	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	12312	3578	15891	64	50	4428	1287	5715
222	2025	ALT2	WB	NT	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	14298	3648	17946	64	50	5356	1366	6722
223	2025	ALT2	WB	NT	Mainline		Orange St On-Ramp to SR-210	24215	0.17	14799	3688	18487	64	50	2552	636	3188
224	2025	ALT2	WB	NT	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	12384	3450	15835	64	50	3301	920	4220
225	2025	ALT2	WB	NT	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	12015	3439	15453	64	50	2097	600	2697
226	2025	ALT2	WB	NT	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	11667	3424	15091	64	50	9134	2681	11815
227	2025	ALT2	WB	NT	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	13477	3475	16951	65	50	3518	907	4425
228	2025	ALT2	WB	NT	Mainline		Alabama St On-Ramp to Califor	24057	0.12	18248	3791	22039	65	50	2220	461	2681
229	2025	ALT2	WB	NT	Mainline		California St Off-Ramp to Califo	24044	0.86	17682	3770	21451	64	50	15241	3249	18490
230	2025	ALT2	WB	NT	Mainline		California St On-Ramp to Mour	24077	0.19	21512	3915	25427	64	50	4140	753	4893
231	2025	ALT2	WB	NT	Mainline		Mountain View Ave Off-Ramp	24041	0.22	19597	3856	23453	64	50	4360	858	5218
232	2025	ALT2	WB	NT	Mainline		Mountain View Ave On-Ramp	23990	0.21	18753	4009	22761	64	50	3877	829	4705
233	2025	ALT2	WB	NT	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	18018	3992	22009	63	50	13649	3024	16673
234	2025	ALT2	WB	NT	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	20248	4119	24366	64	50	2258	459	2717
235	2025	ALT2	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	19044	4044	23088	63	50	9062	1924	10986
236	2025	ALT2	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	23409	4185	27594	63	50	6596	1179	7776
237	2025	ALT2	WB	NT	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	13670	3173	16843	64	50	9604	2230	11833
238	2025	ALT2	WB	NT	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	14910	3252	18162	64	50	3120	680	3801
239	2025	ALT2	WB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	15123	3266	18389	64	50	2767	598	3364
240	2025	ALT2	WB	NT	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	18931	3519	22450	64	50	3507	652	4159
241	2025	ALT2	WB	NT	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	17338	3499	20837	64	50	12594	2542	15136
242	2025	ALT2	WB	NT	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	16678	3582	20260	64	50	773	166	939
243	2025	ALT2	WB	NT	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	15876	3545	19422	64	50	9835	2196	12032
244	2025	ALT2	WB	NT	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	16839	3624	20463	64	50	1483	319	1803
245	2025	ALT2	WB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	16266	3614	19880	64	50	9502	2111	11613
246	2025	ALT2	WB	NT	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	16932	3676	20608	64	50	7055	1532	8586

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
247	2025	ALT2	WB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	15487	3631	19118	64	50	9209	2159	11369
248	2025	ALT2	WB	NT	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	19443	3689	23132	64	50	3310	628	3938
249	2025	ALT2	WB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	17342	3589	20931	64	50	10235	2118	12353
250	2025	ALT2	WB	NT	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	19447	3788	23235	64	50	16581	3230	19811
251	2025	ALT2	WB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	17181	3711	20892	64	50	12482	2696	15179
252	2025	ALT2	WB	NT	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	18939	3888	22827	64	50	9922	2037	11959
253	2025	ALT2	WB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	18939	3888	22827	64	50	7106	1459	8565
254	2025	ALT2	WB	NT	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	16189	3888	20077	64	50	5855	1406	7262
255	2025	ALT2	WB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	14106	3835	17941	64	50	9732	2646	12378
256	2025	ALT2	WB	NT	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	18856	3936	22793	64	50	7348	1534	8882
257	2025	ALT2	WB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	17415	3874	21289	64	50	9387	2088	11475
258	2025	ALT2	WB	NT	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	19909	4060	23969	64	50	8326	1698	10024
259	2025	ALT2	WB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	19098	3994	23092	64	50	12043	2519	14562
260	2025	ALT2	WB	NT	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	20531	4151	24683	64	50	8098	1637	9736
261	2025	ALT2	WB	NT	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	18102	3986	22088	64	50	9964	2194	12158
262	2025	ALT2	WB	NT	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	18298	4388	22686	64	50	23201	5564	28765
263	2025	ALT2	WB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	16832	4257	21089	64	50	11430	2891	14321
264	2025	ALT2	WB	NT	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	17759	4622	22381	63	50	4623	1203	5826
265	2025	ALT2	WB	NT	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	18367	4751	23118	64	50	2444	632	3076
266	2025	ALT2	WB	NT	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	14253	4354	18607	63	50	8086	2470	10555
267	2025	ALT2	WB	NT	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	20109	5841	25950	63	50	2674	777	3450
268	2025	ALT2	WB	NT	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	24906	6584	31489	63	50	514	136	650
269	2025	ALT2	WB	NT	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	23731	6429	30161	63	50	13773	3731	17505
270	2025	ALT2	WB	NT	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	23484	6791	30275	63	50	5862	1695	7558
271	2025	ALT2	WB	NT	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	22238	6619	28857	62	50	9145	2722	11868
272	2025	ALT2	WB	NT	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	23038	6873	29912	62	50	6651	1984	8636
273	2025	ALT2	WB	NT	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	24357	7029	31386	63	50	6658	1921	8579
274	2025	ALT2	WB	NT	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	23151	6936	30086	63	50	7512	2250	9762
275	2025	ALT2	WB	NT	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	23291	6551	29842	64	50	14571	4099	18670
276	2025	ALT2	WB	NT	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	25665	6713	32378	64	50	3927	1027	4954
277	2025	ALT2	WB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	23496	6640	30136	64	50	8495	2401	10896
278	2025	ALT2	WB	NT	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	21815	6891	28706	64	50	4151	1311	5463
279	2025	ALT2	WB	NT	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	22920	6985	29904	63	50	8340	2542	10882
280	2025	ALT2	WB	NT	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	23379	6903	30282	63	50	9083	2682	11765
281	2025	ALT2	WB	NT	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	26995	7264	34259	62	50	6993	1882	8875
282	2025	ALT2	WB	NT	Mainline		7th St Off-Ramp to Euclid Ave L	23447	0.40	25147	7186	32333	62	50	10019	2863	12882
283	2025	ALT2	WB	NT	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	26441	7281	33722	62	50	9495	2615	12110
284	2025	ALT2	WB	NT	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	28450	7365	35814	62	50	12032	3115	15147
285	2025	ALT2	WB	NT	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	25576	7224	32800	62	50	8349	2358	10707
286	2025	ALT2	WB	NT	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	25006	7353	32359	62	50	6862	2018	8879
287	2025	ALT2	WB	NT	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	23105	7238	30344	63	50	12164	3811	15975
288	2025	ALT2	WB	NT	Mainline		Central Ave On-Ramp to Monte	23492	0.05	28758	7388	36146	63	50	1451	373	1824
289	2025	ALT2	WB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	27568	7305	34873	62	50	15437	4091	19528
290	2025	ALT2	WB	NT	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	677	13	691	35	35	364	7	371
291	2025	ALT2	WB	NT	Ramp	ON	Ford St On-Ramp	94684	0.23	1481	42	1523	29	29	334	10	344
292	2025	ALT2	WB	NT	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	324	7	331	35	35	90	2	92
293	2025	ALT2	WB	NT	Ramp	ON	University St On-Ramp	94674	0.21	2493	78	2571	18	18	527	17	544
294	2025	ALT2	WB	NT	Ramp	OFF	6th St Off-Ramp	94690	0.26	1008	39	1046	28	28	267	10	277
295	2025	ALT2	WB	NT	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2175	69	2245	18	18	419	13	433

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
296	2025	ALT2	WB	NT	Ramp	ON	Orange St On-Ramp	2676749	0.16	501	40	541	20	20	79	6	85
297	2025	ALT2	WB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	2415	238	2652	30	30	2088	205	2293
298	2025	ALT2	WB	NT	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	370	12	381	29	29	25	1	26
299	2025	ALT2	WB	NT	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	347	14	362	35	35	126	5	131
300	2025	ALT2	WB	NT	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	1810	50	1860	30	30	1805	50	1855
301	2025	ALT2	WB	NT	Ramp	ON	Alabama St On-Ramp	2676731	0.12	4771	316	5088	27	27	570	38	608
302	2025	ALT2	WB	NT	Ramp	OFF	California St Off-Ramp	94793	0.13	566	21	588	34	34	73	3	76
303	2025	ALT2	WB	NT	Ramp	ON	California St On-Ramp	2676730	0.11	1766	146	1912	29	29	202	17	219
304	2025	ALT2	WB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	1914	59	1974	32	32	223	7	230
305	2025	ALT2	WB	NT	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2156	153	2308	29	29	294	21	315
306	2025	ALT2	WB	NT	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	735	17	752	28	28	160	4	163
307	2025	ALT2	WB	NT	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	2491	127	2618	17	17	308	16	324
308	2025	ALT2	WB	NT	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1204	75	1278	27	27	294	18	312
309	2025	ALT2	WB	NT	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	1372	141	1512	18	18	181	19	199
310	2025	ALT2	WB	NT	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	9740	1011	10751	45	45	1710	177	1887
311	2025	ALT2	WB	NT	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1241	78	1319	19	19	409	26	435
312	2025	ALT2	WB	NT	Ramp	ON	I-215 NB On-Ramp	24504	0.53	213	15	228	25	25	113	8	121
313	2025	ALT2	WB	NT	Ramp	ON	I-215 SB On-Ramp	24517	0.43	3807	253	4060	34	34	1632	108	1740
314	2025	ALT2	WB	NT	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1592	20	1613	27	27	384	5	389
315	2025	ALT2	WB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1514	83	1597	20	20	398	22	420
316	2025	ALT2	WB	NT	Ramp	OFF	9th St Off-Ramp	94928	0.21	802	37	839	29	29	171	8	179
317	2025	ALT2	WB	NT	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	963	79	1042	19	19	301	25	326
318	2025	ALT2	WB	NT	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	573	10	583	29	29	154	3	156
319	2025	ALT2	WB	NT	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	961	62	1023	20	20	306	20	326
320	2025	ALT2	WB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1445	45	1490	28	28	259	8	267
321	2025	ALT2	WB	NT	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1238	58	1296	19	19	420	20	439
322	2025	ALT2	WB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2101	100	2201	26	26	224	11	235
323	2025	ALT2	WB	NT	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2066	199	2265	30	30	645	62	707
324	2025	ALT2	WB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	2266	77	2343	29	29	296	10	306
325	2025	ALT2	WB	NT	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	1814	177	1991	20	20	746	73	819
326	2025	ALT2	WB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2025	ALT2	WB	NT	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2025	ALT2	WB	NT	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2082	53	2136	29	29	242	6	248
329	2025	ALT2	WB	NT	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1910	102	2012	20	20	468	25	493
330	2025	ALT2	WB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1441	63	1504	29	29	156	7	163
331	2025	ALT2	WB	NT	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	2121	186	2307	30	30	634	56	690
332	2025	ALT2	WB	NT	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	811	65	876	35	35	237	19	256
333	2025	ALT2	WB	NT	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1433	157	1590	30	30	495	54	549
334	2025	ALT2	WB	NT	Ramp	OFF	Cherry Off-Ramp	94837	0.13	2429	165	2595	34	34	314	21	336
335	2025	ALT2	WB	NT	Ramp	ON	Cherry On-Ramp	95966	0.28	2848	402	3250	29	29	797	112	909
336	2025	ALT2	WB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1466	131	1597	33	33	743	67	809
337	2025	ALT2	WB	NT	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1214	366	1580	33	33	234	70	304
338	2025	ALT2	WB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	609	128	737	30	30	223	47	270
339	2025	ALT2	WB	NT	Ramp	OFF	I-15 Off-Ramp	24554	0.28	4114	397	4512	48	48	1159	112	1271
340	2025	ALT2	WB	NT	Ramp	ON	I-15 SB On-Ramp	23554	0.63	5855	1488	7343	33	33	3685	936	4621
341	2025	ALT2	WB	NT	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4797	742	5540	29	29	4809	744	5554
342	2025	ALT2	WB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1174	154	1328	29	29	236	31	267
343	2025	ALT2	WB	NT	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2230	362	2592	17	17	394	64	458
344	2025	ALT2	WB	NT	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	1246	172	1418	29	29	218	30	248

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
345	2025	ALT2	WB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	975	254	1229	19	19	93	24	117
346	2025	ALT2	WB	NT	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1319	155	1474	19	19	256	30	286
347	2025	ALT2	WB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1207	93	1300	27	27	219	17	236
348	2025	ALT2	WB	NT	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	3513	384	3897	33	33	2025	222	2246
349	2025	ALT2	WB	NT	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	2374	162	2536	29	29	435	30	464
350	2025	ALT2	WB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2169	73	2242	34	34	697	24	721
351	2025	ALT2	WB	NT	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1130	251	1381	19	19	180	40	220
352	2025	ALT2	WB	NT	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1105	94	1199	20	20	225	19	244
353	2025	ALT2	WB	NT	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	2232	82	2314	29	29	565	21	585
354	2025	ALT2	WB	NT	Ramp	ON	4th St On-Ramp	2731498	0.26	3616	362	3978	19	19	931	93	1024
355	2025	ALT2	WB	NT	Ramp	OFF	7th St Off-Ramp	94628	0.20	1848	78	1926	27	27	375	16	391
356	2025	ALT2	WB	NT	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1317	95	1412	19	19	314	23	336
357	2025	ALT2	WB	NT	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2009	84	2092	18	18	759	32	791
358	2025	ALT2	WB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2873	141	3014	24	24	400	20	419
359	2025	ALT2	WB	NT	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2522	129	2651	18	18	512	26	539
360	2025	ALT2	WB	NT	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	1901	115	2016	26	26	254	15	269
361	2025	ALT2	WB	NT	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2421	149	2570	18	18	293	18	311
362	2025	ALT2	WB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1190	83	1273	28	28	269	19	288
363	2025	ALT2	WB	NT	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1833	85	1919	19	19	605	28	634
364	2025	ALT2	WB	NT	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2025	ALT2	WB	NT	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2025	ALT2	WB	NT	HOV		Ford St On-Ramp to Cypress Av	2731628	0.40	2937		2937	61	50	1181		1181
367	2025	ALT2	WB	NT	HOV		Cypress Ave Off-Ramp to Unive	2731628	0.78	2937		2937	61	50	2295		2295
368	2025	ALT2	WB	NT	HOV		University St On-Ramp to 6th S	2731628	0.50	2937		2937	61	50	1464		1464
369	2025	ALT2	WB	NT	HOV		6th St Off-Ramp to Orange St L	2731628	0.41	2937		2937	61	50	1213		1213
370	2025	ALT2	WB	NT	HOV		Orange St Loop On-Ramp to Or	2731626	0.38	3126		3126	61	50	1186		1186
371	2025	ALT2	WB	NT	HOV		Orange St On-Ramp to SR-210	2731626	0.36	3126		3126	61	50	1124		1124
372	2025	ALT2	WB	NT	HOV		SR-210 Off-Ramp to Tennessee	2731626	0.37	3126		3126	61	50	1171		1171
373	2025	ALT2	WB	NT	HOV		Tennessee St Off-Ramp to Alab	2731626	0.17	3126		3126	61	50	539		539
374	2025	ALT2	WB	NT	HOV		Alabama St Off-Ramp to SR-21	2731626	0.27	3126		3126	61	50	833		833
375	2025	ALT2	WB	NT	HOV		SR-210 SB On-Ramp to Alabam	2731626	0.17	3126		3126	61	50	546		546
376	2025	ALT2	WB	NT	HOV		Alabama St On-Ramp to Califor	2731626	0.78	3126		3126	61	50	2447		2447
377	2025	ALT2	WB	NT	HOV		California St Off-Ramp to Califo	2731613	0.26	3126		3126	61	50	816		816
378	2025	ALT2	WB	NT	HOV		California St On-Ramp to Mour	2731613	0.12	3126		3126	61	50	380		380
379	2025	ALT2	WB	NT	HOV		Mountain View Ave Off-Ramp t	2779137	0.37	4062		4062	59	50	1511		1511
380	2025	ALT2	WB	NT	HOV		Mountain View Ave On-Ramp t	2779137	0.19	4062		4062	59	50	782		782
381	2025	ALT2	WB	NT	HOV		Tippecanoe Ave Off-Ramp to T	2779137	0.22	4062		4062	59	50	904		904
382	2025	ALT2	WB	NT	HOV		Tippecanoe Ave On-Ramp to H	2779137	0.21	4062		4062	59	50	840		840
383	2025	ALT2	WB	NT	HOV		Hospitality Ln/ Carnegie Dr Off	2779137	0.32	4062		4062	59	50	1303		1303
384	2025	ALT2	WB	NT	HOV		Hospitality Ln/ Carnegie Dr On-	2779137	0.11	4062		4062	59	50	453		453
385	2025	ALT2	WB	NT	HOV		I-215 NB Off-Ramp to Sunwest	2779137	0.28	4062		4062	59	50	1127		1127
386	2025	ALT2	WB	NT	HOV		Sunwest Ln On-Ramp to I-215 I	2779137	0.28	4062		4062	59	50	1145		1145
387	2025	ALT2	WB	NT	HOV		I-215 NB On-Ramp to I-215 SB	2779137	0.70	4062		4062	59	50	2854		2854
388	2025	ALT2	WB	NT	HOV		I-215 SB On-Ramp to Sperry Dr	2779137	0.21	4062		4062	59	50	850		850
389	2025	ALT2	WB	NT	HOV		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.18	4062		4062	59	50	743		743
390	2025	ALT2	WB	NT	HOV		Mt Vernon Ave On-Ramp to 9t	2779131	0.19	3503		3503	60	50	649		649
391	2025	ALT2	WB	NT	HOV		9th St Off-Ramp to La Cadena I	2779131	0.36	3503		3503	60	50	1254		1254
392	2025	ALT2	WB	NT	HOV		La Cadena Dr On-Ramp to Ran	2779131	0.05	3503		3503	60	50	162		162
393	2025	ALT2	WB	NT	HOV		Rancho Ave Off-Ramp to Ranch	2779131	0.62	3503		3503	60	50	2170		2170

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
394	2025	ALT2	WB	NT	HOV		Rancho Ave On-Ramp to Peppe	2779131	0.09	3503		3503	60	50	309		309
395	2025	ALT2	WB	NT	HOV		Pepper Ave Off-Ramp to Peppe	2779131	0.24	3503		3503	60	50	839		839
396	2025	ALT2	WB	NT	HOV		Pepper Ave On-Ramp to Rivers	2779131	0.42	3503		3503	60	50	1459		1459
397	2025	ALT2	WB	NT	HOV		Riverside Ave Off-Ramp to Rive	2779131	0.24	3503		3503	60	50	855		855
398	2025	ALT2	WB	NT	HOV		Riverside Ave On-Ramp to Ced	2779131	0.17	3503		3503	60	50	596		596
399	2025	ALT2	WB	NT	HOV		Cedar Ave Off-Ramp to Cedar A	2779131	0.27	3503		3503	60	50	960		960
400	2025	ALT2	WB	NT	HOV		Cedar Ave On-Ramp to Alder A	2779131	0.85	3503		3503	60	50	2987		2987
401	2025	ALT2	WB	NT	HOV		Alder Ave Off-Ramp to Alder A	2731555	0.31	3847		3847	60	50	1184		1184
402	2025	ALT2	WB	NT	HOV		Alder Ave On-Ramp to Alder Av	2731555	0.52	3847		3847	60	50	2015		2015
403	2025	ALT2	WB	NT	HOV		Sierra Ave Off-Ramp to Sierra A	2731555	0.38	3847		3847	60	50	1443		1443
404	2025	ALT2	WB	NT	HOV		Sierra Ave On-Ramp to Citrus A	2731555	0.36	3847		3847	60	50	1391		1391
405	2025	ALT2	WB	NT	HOV		Citrus Ave Off-Ramp to Citrus A	2731555	0.26	3847		3847	60	50	1014		1014
406	2025	ALT2	WB	NT	HOV		Citrus Ave On-Ramp to Beach (	2731555	0.39	3847		3847	60	50	1499		1499
407	2025	ALT2	WB	NT	HOV		Beach Ave Off-Ramp to Beach	2731555	0.24	3847		3847	60	50	906		906
408	2025	ALT2	WB	NT	HOV		Beach Ave On-Ramp to Cherry	2731555	0.42	3847		3847	60	50	1609		1609
409	2025	ALT2	WB	NT	HOV		Cherry Off-Ramp to Cherry On-	2731555	0.28	3847		3847	60	50	1087		1087
410	2025	ALT2	WB	NT	HOV		Cherry On-Ramp to Etiwanda A	2779119	0.39	3285		3285	60	50	1296		1296
411	2025	ALT2	WB	NT	HOV		Etiwanda Ave Off-Ramp to Etiv	2779119	0.26	3285		3285	60	50	862		862
412	2025	ALT2	WB	NT	HOV		Etiwanda Ave Loop On-Ramp t	2779119	1.27	3285		3285	60	50	4166		4166
413	2025	ALT2	WB	NT	HOV		Etiwanda Ave On-Ramp to I-15	2779119	0.49	3285		3285	60	50	1601		1601
414	2025	ALT2	WB	NT	HOV		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.26	3285		3285	60	50	855		855
415	2025	ALT2	WB	NT	HOV		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	3285		3285	60	50	437		437
416	2025	ALT2	WB	NT	HOV		I-15 NB On-Ramp to Milliken A	2779119	0.57	3285		3285	60	50	1864		1864
417	2025	ALT2	WB	NT	HOV		Milliken Ave Off-Ramp to Millil	2779119	0.13	3285		3285	60	50	437		437
418	2025	ALT2	WB	NT	HOV		Milliken Ave On-Ramp to Have	2779119	0.02	3285		3285	60	50	68		68
419	2025	ALT2	WB	NT	HOV		Haven Ave Off-Ramp to Haven	2779119	0.29	3285		3285	60	50	955		955
420	2025	ALT2	WB	NT	HOV		Haven Ave Loop On-Ramp to H	2779113	0.25	6225		6225	60	50	1554		1554
421	2025	ALT2	WB	NT	HOV		Haven Ave On-Ramp to Archib	2779113	0.28	6225		6225	60	50	1747		1747
422	2025	ALT2	WB	NT	HOV		Archibald Ave Off-Ramp to Hol	2779113	0.29	6225		6225	60	50	1797		1797
423	2025	ALT2	WB	NT	HOV		Holt Blvd Off-Ramp to Archibal	2779113	0.27	6225		6225	60	50	1702		1702
424	2025	ALT2	WB	NT	HOV		Archibald Ave On-Ramp to Vine	2779113	0.21	6225		6225	60	50	1299		1299
425	2025	ALT2	WB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2779113	0.63	6225		6225	60	50	3895		3895
426	2025	ALT2	WB	NT	HOV		Vineyard Ave Loop On-Ramp to	2779113	0.15	6225		6225	60	50	952		952
427	2025	ALT2	WB	NT	HOV		Vineyard Ave On-Ramp to 4th S	2779113	0.22	6225		6225	60	50	1347		1347
428	2025	ALT2	WB	NT	HOV		4th St Off-Ramp to 4th St On-R	2779113	0.19	6225		6225	60	50	1185		1185
429	2025	ALT2	WB	NT	HOV		4th St On-Ramp to 7th St Off-R	2779113	0.36	6225		6225	60	50	2265		2265
430	2025	ALT2	WB	NT	HOV		7th St Off-Ramp to Euclid Ave I	2779107	0.39	2692		2692	62	50	1046		1046
431	2025	ALT2	WB	NT	HOV		Euclid Ave Loop On-Ramp to Eu	2779107	0.26	2692		2692	62	50	697		697
432	2025	ALT2	WB	NT	HOV		Euclid Ave On-Ramp to Mounta	2779107	0.25	2692		2692	62	50	665		665
433	2025	ALT2	WB	NT	HOV		Mountain Ave Off-Ramp to Mo	2760177	0.36	5808		5808	58	50	2086		2086
434	2025	ALT2	WB	NT	HOV		Mountain Ave On-Ramp to Cer	2760177	0.42	5808		5808	58	50	2456		2456
435	2025	ALT2	WB	NT	HOV		Central Ave Off-Ramp to Centr	2760177	0.33	5808		5808	58	50	1896		1896
436	2025	ALT2	WB	NT	HOV		Central Ave On-Ramp to Monte	2760177	0.27	5808		5808	58	50	1594		1594
437	2025	ALT2	WB	NT	HOV		Monte Vista Ave Off-Ramp to M	2760177	0.25	5808		5808	58	50	1472		1472
1	2025	ALT3	EB	AM	Mainline		LA County Line to Monte Vista	25707	0.26	19953	1498	21451	54	50	5112	384	5496
2	2025	ALT3	EB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	18390	1472	19861	56	50	12439	995	13434
3	2025	ALT3	EB	AM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	19960	1522	21482	58	50	583	44	627
4	2025	ALT3	EB	AM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	17963	1473	19436	57	50	10274	843	11117
5	2025	ALT3	EB	AM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	19762	1520	21282	59	50	4110	316	4426

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
6	2025	ALT3	EB	AM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	17878	1478	19356	57	50	6130	507	6637
7	2025	ALT3	EB	AM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	20119	1533	21653	54	50	9617	733	10350
8	2025	ALT3	EB	AM	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	17826	1485	19311	57	50	11504	959	12462
9	2025	ALT3	EB	AM	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	19704	1521	21225	55	50	10087	778	10865
10	2025	ALT3	EB	AM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	16703	1427	18130	58	50	2874	245	3119
11	2025	ALT3	EB	AM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	19748	1468	21216	55	50	6498	483	6981
12	2025	ALT3	EB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	18167	1361	19528	57	50	4441	333	4774
13	2025	ALT3	EB	AM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	21081	1402	22484	60	50	4056	270	4326
14	2025	ALT3	EB	AM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	18765	1321	20086	59	50	6352	447	6799
15	2025	ALT3	EB	AM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	21495	1473	22968	56	50	8385	575	8960
16	2025	ALT3	EB	AM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	22067	1503	23570	55	50	4925	335	5261
17	2025	ALT3	EB	AM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	19266	1389	20654	54	50	8014	578	8592
18	2025	ALT3	EB	AM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	21835	1418	23253	56	50	6817	443	7260
19	2025	ALT3	EB	AM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	22103	1470	23573	59	50	4954	329	5283
20	2025	ALT3	EB	AM	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	18903	1332	20235	58	50	10025	707	10731
21	2025	ALT3	EB	AM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	19724	1427	21151	60	50	1048	76	1123
22	2025	ALT3	EB	AM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	16130	1057	17187	60	50	4005	263	4268
23	2025	ALT3	EB	AM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	12879	900	13779	60	50	3950	276	4226
24	2025	ALT3	EB	AM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	16547	1035	17582	57	50	3585	224	3809
25	2025	ALT3	EB	AM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	17176	1052	18228	60	50	2418	148	2566
26	2025	ALT3	EB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	15799	934	16733	61	50	20215	1195	21410
27	2025	ALT3	EB	AM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	16228	978	17205	63	50	15002	904	15906
28	2025	ALT3	EB	AM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	14022	806	14828	62	50	8542	491	9033
29	2025	ALT3	EB	AM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	16436	884	17320	63	50	5859	315	6174
30	2025	ALT3	EB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	15604	836	16440	61	50	9882	530	10412
31	2025	ALT3	EB	AM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	16797	869	17665	62	50	7527	389	7916
32	2025	ALT3	EB	AM	Mainline		Citrus Ave Off-Ramp to Citrus /	24532	0.54	15641	838	16479	61	50	8380	449	8828
33	2025	ALT3	EB	AM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	17440	866	18306	60	50	8171	406	8577
34	2025	ALT3	EB	AM	Mainline		Sierra Ave Off-Ramp to Sierra /	24384	0.64	14446	766	15212	60	50	9208	488	9696
35	2025	ALT3	EB	AM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	16809	791	17600	61	50	5199	245	5444
36	2025	ALT3	EB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	16958	791	17749	61	50	6284	293	6577
37	2025	ALT3	EB	AM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	16958	791	17749	61	50	8464	395	8859
38	2025	ALT3	EB	AM	Mainline		Cedar Ave Off-Ramp to Cedar /	24203	0.85	14960	701	15661	60	50	12698	595	13293
39	2025	ALT3	EB	AM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	17063	737	17800	61	50	13573	586	14159
40	2025	ALT3	EB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	15533	693	16226	62	50	8961	400	9360
41	2025	ALT3	EB	AM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	17525	729	18254	61	50	3497	146	3643
42	2025	ALT3	EB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	16634	702	17336	59	50	10973	463	11437
43	2025	ALT3	EB	AM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	17827	718	18544	58	50	4645	187	4832
44	2025	ALT3	EB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	16586	690	17276	59	50	6834	284	7118
45	2025	ALT3	EB	AM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	17268	706	17974	58	50	3101	127	3228
46	2025	ALT3	EB	AM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	16302	669	16971	59	50	8630	354	8984
47	2025	ALT3	EB	AM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	16941	680	17620	61	50	475	19	495
48	2025	ALT3	EB	AM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	16265	664	16928	61	50	9852	402	10254
49	2025	ALT3	EB	AM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	17090	678	17768	60	50	827	33	860
50	2025	ALT3	EB	AM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	13520	555	14075	60	50	12735	523	13257
51	2025	ALT3	EB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	20189	822	21010	58	50	2213	90	2303
52	2025	ALT3	EB	AM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	24125	979	25105	58	50	3124	127	3251
53	2025	ALT3	EB	AM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	21596	945	22541	57	50	2348	103	2450
54	2025	ALT3	EB	AM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	19796	894	20690	54	50	12501	565	13066

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
55	2025	ALT3	EB	AM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	20522	917	21438	58	50	5798	259	6057
56	2025	ALT3	EB	AM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	17292	877	18169	57	50	6988	354	7342
57	2025	ALT3	EB	AM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	17507	881	18388	62	50	3643	183	3826
58	2025	ALT3	EB	AM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	15055	817	15872	62	50	11900	645	12546
59	2025	ALT3	EB	AM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	16052	847	16899	63	50	2946	155	3102
60	2025	ALT3	EB	AM	Mainline		California St Off-Ramp to Califc	24075	0.84	13796	793	14589	62	50	11610	667	12277
61	2025	ALT3	EB	AM	Mainline		California St On-Ramp to Alaba	24046	0.18	15887	805	16692	63	50	2792	141	2934
62	2025	ALT3	EB	AM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	13738	761	14499	63	50	5379	298	5677
63	2025	ALT3	EB	AM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	11422	678	12100	63	50	2018	120	2137
64	2025	ALT3	EB	AM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	9199	616	9814	63	50	5917	396	6313
65	2025	ALT3	EB	AM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	9558	629	10187	62	50	1896	125	2021
66	2025	ALT3	EB	AM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	13242	1113	14356	62	50	670	56	726
67	2025	ALT3	EB	AM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	10604	1070	11674	62	50	4568	461	5029
68	2025	ALT3	EB	AM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	11152	1084	12235	62	50	3315	322	3637
69	2025	ALT3	EB	AM	Mainline		University St Off-Ramp to Cypr	23724	0.80	9109	1044	10153	62	50	7246	831	8077
70	2025	ALT3	EB	AM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	9402	1048	10450	63	50	4304	480	4784
71	2025	ALT3	EB	AM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	9188	1020	10209	63	50	5973	663	6637
72	2025	ALT3	EB	AM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	9847	1030	10877	64	50	5809	607	6417
73	2025	ALT3	EB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1563	27	1590	18	18	296	5	301
74	2025	ALT3	EB	AM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1570	51	1621	14	14	203	7	209
75	2025	ALT3	EB	AM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	1997	49	2046	13	13	260	6	266
76	2025	ALT3	EB	AM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	1799	47	1846	13	13	337	9	346
77	2025	ALT3	EB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	1945	42	1988	14	14	315	7	322
78	2025	ALT3	EB	AM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2241	56	2296	9	9	261	6	268
79	2025	ALT3	EB	AM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	2293	48	2341	9	9	336	7	343
80	2025	ALT3	EB	AM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1878	35	1914	12	12	657	12	670
81	2025	ALT3	EB	AM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	2934	94	3028	23	23	932	30	961
82	2025	ALT3	EB	AM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3045	41	3086	15	15	716	10	726
83	2025	ALT3	EB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1582	107	1689	27	27	161	11	172
84	2025	ALT3	EB	AM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2915	41	2956	27	27	365	5	370
85	2025	ALT3	EB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	2317	81	2398	31	31	674	24	697
86	2025	ALT3	EB	AM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	2730	152	2882	22	22	622	35	657
87	2025	ALT3	EB	AM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	572	30	603	18	18	133	7	140
88	2025	ALT3	EB	AM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2801	114	2916	22	22	397	16	414
89	2025	ALT3	EB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	892	29	921	17	17	109	4	112
90	2025	ALT3	EB	AM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	269	52	321	19	19	75	15	90
91	2025	ALT3	EB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3200	138	3338	19	19	565	24	589
92	2025	ALT3	EB	AM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	821	94	915	17	17	159	18	177
93	2025	ALT3	EB	AM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	3595	369	3964	31	31	3991	410	4401
94	2025	ALT3	EB	AM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3250	157	3408	20	20	1875	91	1965
95	2025	ALT3	EB	AM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	3668	135	3803	18	18	409	15	424
96	2025	ALT3	EB	AM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	629	17	646	35	35	753	20	773
97	2025	ALT3	EB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1377	118	1495	27	27	270	23	294
98	2025	ALT3	EB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	429	44	473	29	29	153	16	169
99	2025	ALT3	EB	AM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	2586	172	2757	30	30	527	35	562
100	2025	ALT3	EB	AM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2414	78	2491	28	28	744	24	768
101	2025	ALT3	EB	AM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	832	47	880	34	34	287	16	303
102	2025	ALT3	EB	AM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1193	33	1225	29	29	352	10	362
103	2025	ALT3	EB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1155	31	1187	33	33	155	4	159

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
104	2025	ALT3	EB	AM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1799	29	1827	18	18	483	8	490
105	2025	ALT3	EB	AM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2994	100	3094	23	23	351	12	363
106	2025	ALT3	EB	AM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2363	25	2388	8	8	69	1	70
107	2025	ALT3	EB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2025	ALT3	EB	AM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2025	ALT3	EB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	1998	89	2087	26	26	365	16	382
110	2025	ALT3	EB	AM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2103	35	2139	18	18	865	15	880
111	2025	ALT3	EB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1530	44	1574	33	33	192	6	197
112	2025	ALT3	EB	AM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	1992	36	2028	18	18	601	11	612
113	2025	ALT3	EB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	891	27	919	24	24	272	8	281
114	2025	ALT3	EB	AM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1193	15	1209	16	16	437	6	442
115	2025	ALT3	EB	AM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2025	ALT3	EB	AM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	682	16	697	18	18	217	5	222
117	2025	ALT3	EB	AM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	966	37	1002	24	24	239	9	249
118	2025	ALT3	EB	AM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	639	10	649	20	20	181	3	184
119	2025	ALT3	EB	AM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	896	16	912	24	24	377	7	383
120	2025	ALT3	EB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	826	14	840	19	19	214	4	218
121	2025	ALT3	EB	AM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	3570	123	3693	34	34	840	29	869
122	2025	ALT3	EB	AM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	6668	267	6935	25	25	5795	232	6027
123	2025	ALT3	EB	AM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	3936	158	4094	31	31	2984	120	3104
124	2025	ALT3	EB	AM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2530	34	2564	4	4	230	3	233
125	2025	ALT3	EB	AM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1800	51	1851	12	12	448	13	460
126	2025	ALT3	EB	AM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	726	23	749	17	17	101	3	104
127	2025	ALT3	EB	AM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2247	40	2286	7	7	566	10	576
128	2025	ALT3	EB	AM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	215	4	219	19	19	22	0	22
129	2025	ALT3	EB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2452	64	2516	11	11	720	19	739
130	2025	ALT3	EB	AM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	997	30	1027	29	29	227	7	234
131	2025	ALT3	EB	AM	Ramp	OFF	California St Off-Ramp	94801	0.46	2256	54	2310	14	14	1027	25	1051
132	2025	ALT3	EB	AM	Ramp	ON	California St On-Ramp	95942	0.39	332	12	344	29	29	129	5	133
133	2025	ALT3	EB	AM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2149	44	2193	16	16	932	19	951
134	2025	ALT3	EB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2316	84	2399	29	29	1916	69	1985
135	2025	ALT3	EB	AM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2224	62	2286	14	14	763	21	784
136	2025	ALT3	EB	AM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	359	14	373	19	19	38	1	39
137	2025	ALT3	EB	AM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	3685	484	4169	28	28	3911	514	4424
138	2025	ALT3	EB	AM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2608	43	2651	5	5	232	4	236
139	2025	ALT3	EB	AM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	548	14	561	19	19	162	4	166
140	2025	ALT3	EB	AM	Ramp	OFF	University St Off-Ramp	94695	0.28	2043	39	2082	12	12	571	11	582
141	2025	ALT3	EB	AM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	294	4	298	29	29	89	1	90
142	2025	ALT3	EB	AM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1362	28	1390	26	26	374	8	382
143	2025	ALT3	EB	AM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	659	9	668	30	30	248	4	252
144	2025	ALT3	EB	AM	HOT		LA County Line to Monte Vista	2664669	0.26	4314		4314	60	50	1105		1105
145	2025	ALT3	EB	AM	HOT		Monte Vista Ave Off-Ramp to M	2664669	0.68	4314		4314	60	50	2918		2918
146	2025	ALT3	EB	AM	HOT		Monte Vista Ave/Palo Verde St	2664669	0.03	4314		4314	60	50	126		126
147	2025	ALT3	EB	AM	HOT		Central Ave Off-Ramp to Centr	2664669	0.57	4314		4314	60	50	2468		2468
148	2025	ALT3	EB	AM	HOT		Central Ave On-Ramp to Moun	2664669	0.21	4314		4314	60	50	897		897
149	2025	ALT3	EB	AM	HOT		Mountain Ave Off-Ramp to Mc	2664669	0.34	4314		4314	60	50	1479		1479
150	2025	ALT3	EB	AM	HOT		Mountain Ave On-Ramp to Euc	2779098	0.48	4252		4252	60	50	2032		2032
151	2025	ALT3	EB	AM	HOT		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	4252		4252	60	50	2744		2744
152	2025	ALT3	EB	AM	HOT		Euclid Ave On-Ramp to San Ber	2779098	0.51	4252		4252	60	50	2176		2176

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
153	2025	ALT3	EB	AM	HOT		San Bernardino Ave/4th St Off-	2665612	0.17	4318		4318	62	50	743		743
154	2025	ALT3	EB	AM	HOT		San Bernardino Ave/4th St On-	2665612	0.33	4318		4318	62	50	1421		1421
155	2025	ALT3	EB	AM	HOT		Vineyard Ave Off-Ramp to Vine	2665612	0.24	4318		4318	62	50	1056		1056
156	2025	ALT3	EB	AM	HOT		Vineyard Ave On-Ramp to Arch	2665612	0.19	4318		4318	62	50	831		831
157	2025	ALT3	EB	AM	HOT		Archibald Ave Off-Ramp to Hol	2665612	0.34	4318		4318	62	50	1462		1462
158	2025	ALT3	EB	AM	HOT		Holt Blvd On-Ramp to Archibal	2665612	0.39	4318		4318	62	50	1685		1685
159	2025	ALT3	EB	AM	HOT		Archibald Ave On-Ramp to Hav	2665612	0.22	4318		4318	62	50	964		964
160	2025	ALT3	EB	AM	HOT		Haven Ave Off-Ramp to Haven	2665612	0.42	4318		4318	62	50	1796		1796
161	2025	ALT3	EB	AM	HOT		Haven Ave Loop On-Ramp to H	2778934	0.31	2641		2641	62	50	825		825
162	2025	ALT3	EB	AM	HOT		Haven Ave On-Ramp to Millike	2778934	0.22	2641		2641	62	50	592		592
163	2025	ALT3	EB	AM	HOT		Milliken Ave Off-Ramp to Milli	2778934	0.53	2641		2641	62	50	1401		1401
164	2025	ALT3	EB	AM	HOT		Milliken Ave Loop On-Ramp to	2778934	0.05	2641		2641	62	50	140		140
165	2025	ALT3	EB	AM	HOT		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	2641		2641	62	50	656		656
166	2025	ALT3	EB	AM	HOT		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	2641		2641	62	50	810		810
167	2025	ALT3	EB	AM	HOT		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	2641		2641	62	50	572		572
168	2025	ALT3	EB	AM	HOT		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	2641		2641	62	50	372		372
169	2025	ALT3	EB	AM	HOT		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	2641		2641	62	50	3379		3379
170	2025	ALT3	EB	AM	HOT		Etiwanda Ave On-Ramp to Che	2778934	0.92	2641		2641	62	50	2442		2442
171	2025	ALT3	EB	AM	HOT		Cherry Ave Off-Ramp to Cherry	2760156	0.61	2261		2261	62	50	1377		1377
172	2025	ALT3	EB	AM	HOT		Cherry Ave On-Ramp to Beach	2760156	0.36	2261		2261	62	50	806		806
173	2025	ALT3	EB	AM	HOT		Beach Ave Off-Ramp to Beach	2760156	0.63	2261		2261	62	50	1432		1432
174	2025	ALT3	EB	AM	HOT		BeachAve On-Ramp to Citrus A	2760156	0.45	2261		2261	62	50	1013		1013
175	2025	ALT3	EB	AM	HOT		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	2261		2261	62	50	1211		1211
176	2025	ALT3	EB	AM	HOT		Citrus Ave On-Ramp to Sierra A	2760156	0.47	2261		2261	62	50	1059		1059
177	2025	ALT3	EB	AM	HOT		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	2261		2261	62	50	1441		1441
178	2025	ALT3	EB	AM	HOT		Sierra Ave On-Ramp to Alder A	2760156	0.31	2261		2261	62	50	699		699
179	2025	ALT3	EB	AM	HOT		Alder Ave Off-Ramp to Alder A	2779122	0.37	2113		2113	63	50	783		783
180	2025	ALT3	EB	AM	HOT		Alder Ave On-Ramp to Cedar A	2779122	0.50	2113		2113	63	50	1055		1055
181	2025	ALT3	EB	AM	HOT		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	2113		2113	63	50	1793		1793
182	2025	ALT3	EB	AM	HOT		Cedar Ave On-Ramp to Riversic	2779122	0.80	2113		2113	63	50	1681		1681
183	2025	ALT3	EB	AM	HOT		Riverside Ave Off-Ramp to Rive	2779122	0.58	2113		2113	63	50	1219		1219
184	2025	ALT3	EB	AM	HOT		Riverside Ave On-Ramp to Pep	2779122	0.20	2113		2113	63	50	422		422
185	2025	ALT3	EB	AM	HOT		Pepper Ave Off-Ramp to Peppe	2779122	0.66	2113		2113	63	50	1394		1394
186	2025	ALT3	EB	AM	HOT		Pepper Ave On-Ramp to Ranch	2779122	0.26	2113		2113	63	50	551		551
187	2025	ALT3	EB	AM	HOT		Rancho Ave Off-Ramp to Ranch	2779122	0.41	2113		2113	63	50	871		871
188	2025	ALT3	EB	AM	HOT		Rancho Ave On-Ramp to La Ca	2779122	0.18	2113		2113	63	50	379		379
189	2025	ALT3	EB	AM	HOT		La Cadena Dr/9th St Off-Ramp	2779122	0.53	2113		2113	63	50	1119		1119
190	2025	ALT3	EB	AM	HOT		La Cadena Dr/9th St On-Ramp	2779122	0.03	2113		2113	63	50	59		59
191	2025	ALT3	EB	AM	HOT		Mt Vernon Ave Off-Ramp to M	2779128	0.61	1893		1893	63	50	1147		1147
192	2025	ALT3	EB	AM	HOT		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	1893		1893	63	50	92		92
193	2025	ALT3	EB	AM	HOT		I-215 Off-Ramp to I-215 NB On	2779128	0.94	1893		1893	63	50	1783		1783
194	2025	ALT3	EB	AM	HOT		I-215 NB On-Ramp to I-215 SB	2779128	0.11	1893		1893	63	50	208		208
195	2025	ALT3	EB	AM	HOT		I-215 SB On-Ramp to Redlands	2779128	0.13	1893		1893	63	50	245		245
196	2025	ALT3	EB	AM	HOT		Redlands Blvd Off-Ramp to Wa	2779128	0.11	1893		1893	63	50	206		206
197	2025	ALT3	EB	AM	HOT		Waterman Ave Off-Ramp to W	2779128	0.63	1893		1893	63	50	1195		1195
198	2025	ALT3	EB	AM	HOT		Waterman Ave On-Ramp to An	2779128	0.28	1893		1893	63	50	535		535
199	2025	ALT3	EB	AM	HOT		Anderson St Off-Ramp to Ande	2760301	0.40	2876		2876	62	50	1162		1162
200	2025	ALT3	EB	AM	HOT		Anderson St On-Ramp to Mour	2760301	0.21	2876		2876	62	50	598		598
201	2025	ALT3	EB	AM	HOT		Mountain View Ave Off-Ramp t	2760301	0.79	2876		2876	62	50	2273		2273

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
202	2025	ALT3	EB	AM	HOT		Mountain View Ave On-Ramp t	2760301	0.18	2876		2876	62	50	528		528
203	2025	ALT3	EB	AM	HOT		California St Off-Ramp to Califc	2760301	0.84	2876		2876	62	50	2420		2420
204	2025	ALT3	EB	AM	HOT		California St On-Ramp to Alaba	2731614	0.18	1117		1117	63	50	196		196
205	2025	ALT3	EB	AM	HOT		Alabama St Off-Ramp to SR-21	2731614	0.39	1117		1117	63	50	437		437
206	2025	ALT3	EB	AM	HOT		SR-210 NB Off-Ramp to Tennes	2731614	0.18	1117		1117	63	50	197		197
207	2025	ALT3	EB	AM	HOT		Tennessee St Off-Ramp to Ten	2731614	0.64	1117		1117	63	50	719		719
208	2025	ALT3	EB	AM	HOT		Tennessee St On-Ramp to SR-2	2731614	0.20	1117		1117	63	50	222		222
209	2025	ALT3	EB	AM	HOT		SR-210 SB On-Ramp to Eureka	2731614	0.05	1117		1117	63	50	57		57
210	2025	ALT3	EB	AM	HOT		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	1148		1148	62	50	495		495
211	2025	ALT3	EB	AM	HOT		Pearl Ave On-Ramp to Universi	2760225	0.30	1148		1148	62	50	341		341
212	2025	ALT3	EB	AM	HOT		University St Off-Ramp to Cypr	2760225	0.80	1148		1148	62	50	913		913
213	2025	ALT3	EB	AM	HOT		Cypress Ave On-Ramp to Ford	2760225	0.46	1148		1148	62	50	526		526
214	2025	ALT3	EB	AM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2025	ALT3	EB	AM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2025	ALT3	EB	MD	Mainline		LA County Line to Monte Vista	25707	0.26	35680	4264	39944	56	50	9142	1092	10234
2	2025	ALT3	EB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	32636	4199	36834	57	50	22075	2840	24915
3	2025	ALT3	EB	MD	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	35097	4341	39437	59	50	1024	127	1151
4	2025	ALT3	EB	MD	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	31305	4203	35508	58	50	17906	2404	20310
5	2025	ALT3	EB	MD	Mainline		Central Ave On-Ramp to Moun	23488	0.21	34892	4311	39203	60	50	7257	897	8153
6	2025	ALT3	EB	MD	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	31237	4203	35440	59	50	10710	1441	12151
7	2025	ALT3	EB	MD	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	35009	4361	39370	56	50	16734	2084	18818
8	2025	ALT3	EB	MD	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	30469	4237	34706	58	50	19663	2734	22397
9	2025	ALT3	EB	MD	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	33316	4343	37659	57	50	17054	2223	19278
10	2025	ALT3	EB	MD	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	29118	4104	33223	59	50	5009	706	5715
11	2025	ALT3	EB	MD	Mainline		San Bernardino Ave/4th St On-	23534	0.33	33270	4217	37487	57	50	10947	1388	12335
12	2025	ALT3	EB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	29725	3934	33658	59	50	7267	962	8229
13	2025	ALT3	EB	MD	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	33815	4046	37861	62	50	6506	778	7284
14	2025	ALT3	EB	MD	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	30452	3816	34269	61	50	10308	1292	11600
15	2025	ALT3	EB	MD	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	36450	4202	40652	58	50	14219	1639	15858
16	2025	ALT3	EB	MD	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	37765	4283	42049	58	50	8429	956	9385
17	2025	ALT3	EB	MD	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	33637	3974	37611	56	50	13992	1653	15646
18	2025	ALT3	EB	MD	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	38391	4053	42444	57	50	11986	1265	13252
19	2025	ALT3	EB	MD	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	39538	4194	43731	60	50	8861	940	9801
20	2025	ALT3	EB	MD	Mainline		Milliken Ave Off-Ramp to Milli	23622	0.53	34444	3859	38303	59	50	18266	2046	20312
21	2025	ALT3	EB	MD	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	37702	4076	41778	60	50	2003	217	2219
22	2025	ALT3	EB	MD	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	29272	2758	32030	61	50	7269	685	7954
23	2025	ALT3	EB	MD	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	23227	2339	25565	61	50	7124	717	7841
24	2025	ALT3	EB	MD	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	29285	2677	31962	59	50	6345	580	6925
25	2025	ALT3	EB	MD	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	30412	2722	33135	60	50	4281	383	4664
26	2025	ALT3	EB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	28604	2411	31015	62	50	36600	3084	39684
27	2025	ALT3	EB	MD	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	30081	2528	32609	63	50	27810	2337	30146
28	2025	ALT3	EB	MD	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	26607	2078	28685	62	50	16209	1266	17474
29	2025	ALT3	EB	MD	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	30508	2299	32807	63	50	10875	820	11695
30	2025	ALT3	EB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	28642	2168	30810	62	50	18140	1373	19513
31	2025	ALT3	EB	MD	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	30109	2250	32359	63	50	13493	1008	14501
32	2025	ALT3	EB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	27737	2171	29908	62	50	14860	1163	16023
33	2025	ALT3	EB	MD	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	30007	2246	32253	61	50	14059	1052	15112
34	2025	ALT3	EB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	23804	1972	25776	61	50	15173	1257	16430
35	2025	ALT3	EB	MD	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	27716	2043	29759	62	50	8573	632	9205

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
36	2025	ALT3	EB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	27302	2043	29345	62	50	10118	757	10875
37	2025	ALT3	EB	MD	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	27302	2043	29345	62	50	13627	1020	14647
38	2025	ALT3	EB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	23142	1812	24954	61	50	19643	1538	21181
39	2025	ALT3	EB	MD	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	26064	1907	27971	62	50	20733	1517	22250
40	2025	ALT3	EB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	23490	1774	25263	63	50	13551	1023	14574
41	2025	ALT3	EB	MD	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	26690	1868	28558	62	50	5326	373	5699
42	2025	ALT3	EB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	24780	1803	26583	61	50	16348	1189	17537
43	2025	ALT3	EB	MD	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	26936	1845	28781	61	50	7019	481	7499
44	2025	ALT3	EB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	24807	1765	26572	61	50	10221	727	10949
45	2025	ALT3	EB	MD	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	26020	1807	27827	61	50	4673	324	4997
46	2025	ALT3	EB	MD	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	24208	1712	25920	61	50	12815	906	13722
47	2025	ALT3	EB	MD	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	25705	1740	27446	62	50	721	49	770
48	2025	ALT3	EB	MD	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	23888	1679	25567	63	50	14470	1017	15487
49	2025	ALT3	EB	MD	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	25170	1710	26880	62	50	1218	83	1301
50	2025	ALT3	EB	MD	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	20795	1466	22261	62	50	19587	1381	20968
51	2025	ALT3	EB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	32273	2185	34458	60	50	3538	240	3777
52	2025	ALT3	EB	MD	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	41200	2667	43867	60	50	5335	345	5680
53	2025	ALT3	EB	MD	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	36998	2552	39551	59	50	4022	277	4299
54	2025	ALT3	EB	MD	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	34637	2434	37071	56	50	21873	1537	23410
55	2025	ALT3	EB	MD	Mainline		Waterman Ave On-Ramp to An	24356	0.28	36691	2502	39193	59	50	10366	707	11073
56	2025	ALT3	EB	MD	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	32236	2353	34589	58	50	13026	951	13977
57	2025	ALT3	EB	MD	Mainline		Anderson St On-Ramp to Mour	24003	0.21	33558	2363	35921	62	50	6982	492	7474
58	2025	ALT3	EB	MD	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	29786	2188	31975	62	50	23544	1730	25274
59	2025	ALT3	EB	MD	Mainline		Mountain View Ave On-Ramp t	24040	0.18	33100	2277	35377	62	50	6076	418	6494
60	2025	ALT3	EB	MD	Mainline		California St Off-Ramp to Califc	24075	0.84	29872	2116	31988	62	50	25138	1781	26919
61	2025	ALT3	EB	MD	Mainline		California St On-Ramp to Alaba	24046	0.18	34968	2147	37115	62	50	6146	377	6523
62	2025	ALT3	EB	MD	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	31427	2020	33447	63	50	12305	791	13096
63	2025	ALT3	EB	MD	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	26368	1815	28183	62	50	4657	321	4978
64	2025	ALT3	EB	MD	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	22634	1642	24275	62	50	14559	1056	15615
65	2025	ALT3	EB	MD	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	24461	1677	26138	61	50	4853	333	5186
66	2025	ALT3	EB	MD	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	30741	2906	33648	61	50	1555	147	1703
67	2025	ALT3	EB	MD	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	25697	2779	28476	61	50	11069	1197	12267
68	2025	ALT3	EB	MD	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	27393	2817	30210	60	50	8142	837	8979
69	2025	ALT3	EB	MD	Mainline		University St Off-Ramp to Cypr	23724	0.80	23423	2717	26139	61	50	18633	2161	20794
70	2025	ALT3	EB	MD	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	24070	2727	26797	63	50	11019	1248	12267
71	2025	ALT3	EB	MD	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	24312	2660	26972	62	50	15805	1729	17534
72	2025	ALT3	EB	MD	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	25892	2685	28576	63	50	15275	1584	16859
73	2025	ALT3	EB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	3045	65	3110	19	19	576	12	588
74	2025	ALT3	EB	MD	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2461	142	2603	16	16	318	18	336
75	2025	ALT3	EB	MD	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3792	137	3929	14	14	493	18	511
76	2025	ALT3	EB	MD	Ramp	ON	Central Ave On-Ramp	2668755	0.19	3587	107	3694	13	13	672	20	692
77	2025	ALT3	EB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3819	108	3927	14	14	618	17	635
78	2025	ALT3	EB	MD	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	3772	158	3930	12	12	440	18	459
79	2025	ALT3	EB	MD	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	4540	124	4664	9	9	665	18	683
80	2025	ALT3	EB	MD	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2847	107	2954	15	15	996	37	1033
81	2025	ALT3	EB	MD	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	5678	239	5917	24	24	1803	76	1879
82	2025	ALT3	EB	MD	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	4151	113	4265	18	18	976	27	1003
83	2025	ALT3	EB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	3545	284	3829	27	27	361	29	390
84	2025	ALT3	EB	MD	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	4090	112	4202	28	28	512	14	526

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
85	2025	ALT3	EB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	3363	229	3592	32	32	978	67	1045
86	2025	ALT3	EB	MD	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5997	385	6383	21	21	1367	88	1455
87	2025	ALT3	EB	MD	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1316	81	1397	18	18	305	19	324
88	2025	ALT3	EB	MD	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	4128	309	4437	24	24	586	44	629
89	2025	ALT3	EB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1675	78	1754	17	17	205	10	214
90	2025	ALT3	EB	MD	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1146	141	1287	18	18	321	39	360
91	2025	ALT3	EB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	5093	335	5429	22	22	899	59	958
92	2025	ALT3	EB	MD	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3257	218	3475	12	12	630	42	672
93	2025	ALT3	EB	MD	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	8430	1318	9748	29	29	9358	1463	10821
94	2025	ALT3	EB	MD	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	6045	420	6465	21	21	3487	242	3729
95	2025	ALT3	EB	MD	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	6058	338	6396	22	22	675	38	713
96	2025	ALT3	EB	MD	Ramp	ON	I-15 SB On-Ramp	23557	1.20	1127	46	1173	35	35	1349	55	1404
97	2025	ALT3	EB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1808	312	2120	28	28	355	61	416
98	2025	ALT3	EB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1477	117	1594	28	28	528	42	570
99	2025	ALT3	EB	MD	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	5039	450	5490	30	30	1027	92	1119
100	2025	ALT3	EB	MD	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	3901	221	4123	28	28	1202	68	1270
101	2025	ALT3	EB	MD	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	1866	131	1997	34	34	644	45	689
102	2025	ALT3	EB	MD	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1467	82	1549	29	29	433	24	457
103	2025	ALT3	EB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2372	79	2451	33	33	317	11	328
104	2025	ALT3	EB	MD	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2270	75	2345	19	19	609	20	629
105	2025	ALT3	EB	MD	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	6203	274	6477	22	22	727	32	759
106	2025	ALT3	EB	MD	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3913	70	3983	12	12	115	2	117
107	2025	ALT3	EB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2025	ALT3	EB	MD	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2025	ALT3	EB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4161	231	4391	26	26	761	42	803
110	2025	ALT3	EB	MD	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2922	95	3017	19	19	1202	39	1241
111	2025	ALT3	EB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	2574	133	2707	33	33	323	17	340
112	2025	ALT3	EB	MD	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3200	94	3294	18	18	965	28	994
113	2025	ALT3	EB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1909	65	1975	24	24	583	20	603
114	2025	ALT3	EB	MD	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	2155	43	2198	17	17	789	16	804
115	2025	ALT3	EB	MD	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2025	ALT3	EB	MD	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	1214	42	1255	18	18	386	13	400
117	2025	ALT3	EB	MD	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1813	94	1907	24	24	449	23	473
118	2025	ALT3	EB	MD	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1498	28	1526	19	19	424	8	431
119	2025	ALT3	EB	MD	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1537	61	1598	25	25	646	26	672
120	2025	ALT3	EB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1282	30	1313	20	20	333	8	341
121	2025	ALT3	EB	MD	Ramp	OFF	I-215 Off-Ramp	24444	0.24	4375	244	4619	34	34	1029	57	1086
122	2025	ALT3	EB	MD	Ramp	ON	I-215 NB On-Ramp	24630	0.87	11478	719	12197	27	27	9975	625	10600
123	2025	ALT3	EB	MD	Ramp	ON	I-215 SB On-Ramp	24516	0.76	8927	482	9409	30	30	6768	365	7133
124	2025	ALT3	EB	MD	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	4202	114	4317	8	8	382	10	393
125	2025	ALT3	EB	MD	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	2361	118	2480	19	19	588	29	617
126	2025	ALT3	EB	MD	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2055	68	2123	16	16	286	9	295
127	2025	ALT3	EB	MD	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3795	149	3944	11	11	956	37	993
128	2025	ALT3	EB	MD	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1322	10	1333	18	18	136	1	137
129	2025	ALT3	EB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	3772	175	3947	19	19	1108	51	1159
130	2025	ALT3	EB	MD	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	3314	89	3402	29	29	755	20	776
131	2025	ALT3	EB	MD	Ramp	OFF	California St Off-Ramp	94801	0.46	3229	160	3389	23	23	1470	73	1543
132	2025	ALT3	EB	MD	Ramp	ON	California St On-Ramp	95942	0.39	1333	31	1364	29	29	516	12	528
133	2025	ALT3	EB	MD	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	3540	127	3668	21	21	1535	55	1591

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

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134	2025	ALT3	EB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	5059	205	5264	29	29	4185	170	4354
135	2025	ALT3	EB	MD	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	3734	174	3908	19	19	1281	60	1341
136	2025	ALT3	EB	MD	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1827	36	1863	17	17	194	4	197
137	2025	ALT3	EB	MD	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	6280	1229	7509	28	28	6665	1305	7970
138	2025	ALT3	EB	MD	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	4797	127	4924	7	7	427	11	439
139	2025	ALT3	EB	MD	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1696	38	1734	18	18	503	11	514
140	2025	ALT3	EB	MD	Ramp	OFF	University St Off-Ramp	94695	0.28	3971	100	4071	13	13	1110	28	1138
141	2025	ALT3	EB	MD	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	647	10	657	29	29	196	3	199
142	2025	ALT3	EB	MD	Ramp	OFF	Ford St Off-Ramp	94682	0.27	2954	67	3021	25	25	812	18	830
143	2025	ALT3	EB	MD	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	1580	25	1605	29	29	595	9	604
144	2025	ALT3	EB	MD	HOT		LA County Line to Monte Vista	2664669	0.26	11646		11646	58	50	2984		2984
145	2025	ALT3	EB	MD	HOT		Monte Vista Ave Off-Ramp to M	2664669	0.68	11646		11646	58	50	7877		7877
146	2025	ALT3	EB	MD	HOT		Monte Vista Ave/Palo Verde St	2664669	0.03	11646		11646	58	50	340		340
147	2025	ALT3	EB	MD	HOT		Central Ave Off-Ramp to Centr	2664669	0.57	11646		11646	58	50	6661		6661
148	2025	ALT3	EB	MD	HOT		Central Ave On-Ramp to Moun	2664669	0.21	11646		11646	58	50	2422		2422
149	2025	ALT3	EB	MD	HOT		Mountain Ave Off-Ramp to Mc	2664669	0.34	11646		11646	58	50	3993		3993
150	2025	ALT3	EB	MD	HOT		Mountain Ave On-Ramp to Euc	2779098	0.48	11482		11482	58	50	5488		5488
151	2025	ALT3	EB	MD	HOT		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	11482		11482	58	50	7410		7410
152	2025	ALT3	EB	MD	HOT		Euclid Ave On-Ramp to San Be	2779098	0.51	11482		11482	58	50	5877		5877
153	2025	ALT3	EB	MD	HOT		San Bernardino Ave/4th St Off-	2665612	0.17	10001		10001	61	50	1721		1721
154	2025	ALT3	EB	MD	HOT		San Bernardino Ave/4th St On-	2665612	0.33	10001		10001	61	50	3291		3291
155	2025	ALT3	EB	MD	HOT		Vineyard Ave Off-Ramp to Vine	2665612	0.24	10001		10001	61	50	2445		2445
156	2025	ALT3	EB	MD	HOT		Vineyard Ave On-Ramp to Arch	2665612	0.19	10001		10001	61	50	1924		1924
157	2025	ALT3	EB	MD	HOT		Archibald Ave Off-Ramp to Hol	2665612	0.34	10001		10001	61	50	3385		3385
158	2025	ALT3	EB	MD	HOT		Holt Blvd On-Ramp to Archibal	2665612	0.39	10001		10001	61	50	3902		3902
159	2025	ALT3	EB	MD	HOT		Archibald Ave On-Ramp to Hav	2665612	0.22	10001		10001	61	50	2232		2232
160	2025	ALT3	EB	MD	HOT		Haven Ave Off-Ramp to Haven	2665612	0.42	10001		10001	61	50	4160		4160
161	2025	ALT3	EB	MD	HOT		Haven Ave Loop On-Ramp to H	2778934	0.31	6922		6922	61	50	2161		2161
162	2025	ALT3	EB	MD	HOT		Haven Ave On-Ramp to Millike	2778934	0.22	6922		6922	61	50	1551		1551
163	2025	ALT3	EB	MD	HOT		Milliken Ave Off-Ramp to Millil	2778934	0.53	6922		6922	61	50	3671		3671
164	2025	ALT3	EB	MD	HOT		Milliken Ave Loop On-Ramp to	2778934	0.05	6922		6922	61	50	368		368
165	2025	ALT3	EB	MD	HOT		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	6922		6922	61	50	1719		1719
166	2025	ALT3	EB	MD	HOT		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	6922		6922	61	50	2123		2123
167	2025	ALT3	EB	MD	HOT		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	6922		6922	61	50	1500		1500
168	2025	ALT3	EB	MD	HOT		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	6922		6922	61	50	974		974
169	2025	ALT3	EB	MD	HOT		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	6922		6922	61	50	8857		8857
170	2025	ALT3	EB	MD	HOT		Etiwanda Ave On-Ramp to Che	2778934	0.92	6922		6922	61	50	6400		6400
171	2025	ALT3	EB	MD	HOT		Cherry Ave Off-Ramp to Cherry	2760156	0.61	5356		5356	62	50	3263		3263
172	2025	ALT3	EB	MD	HOT		Cherry Ave On-Ramp to Beach	2760156	0.36	5356		5356	62	50	1909		1909
173	2025	ALT3	EB	MD	HOT		Beach Ave Off-Ramp to Beach	2760156	0.63	5356		5356	62	50	3392		3392
174	2025	ALT3	EB	MD	HOT		BeachAve On-Ramp to Citrus A	2760156	0.45	5356		5356	62	50	2400		2400
175	2025	ALT3	EB	MD	HOT		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	5356		5356	62	50	2870		2870
176	2025	ALT3	EB	MD	HOT		Citrus Ave On-Ramp to Sierra A	2760156	0.47	5356		5356	62	50	2510		2510
177	2025	ALT3	EB	MD	HOT		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	5356		5356	62	50	3414		3414
178	2025	ALT3	EB	MD	HOT		Sierra Ave On-Ramp to Alder A	2760156	0.31	5356		5356	62	50	1657		1657
179	2025	ALT3	EB	MD	HOT		Alder Ave Off-Ramp to Alder A	2779122	0.37	5771		5771	62	50	2138		2138
180	2025	ALT3	EB	MD	HOT		Alder Ave On-Ramp to Cedar A	2779122	0.50	5771		5771	62	50	2880		2880
181	2025	ALT3	EB	MD	HOT		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	5771		5771	62	50	4898		4898
182	2025	ALT3	EB	MD	HOT		Cedar Ave On-Ramp to Riversic	2779122	0.80	5771		5771	62	50	4590		4590

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
183	2025	ALT3	EB	MD	HOT		Riverside Ave Off-Ramp to Rive	2779122	0.58	5771		5771	62	50	3329		3329
184	2025	ALT3	EB	MD	HOT		Riverside Ave On-Ramp to Pep	2779122	0.20	5771		5771	62	50	1152		1152
185	2025	ALT3	EB	MD	HOT		Pepper Ave Off-Ramp to Peppe	2779122	0.66	5771		5771	62	50	3807		3807
186	2025	ALT3	EB	MD	HOT		Pepper Ave On-Ramp to Ranch	2779122	0.26	5771		5771	62	50	1504		1504
187	2025	ALT3	EB	MD	HOT		Rancho Ave Off-Ramp to Ranch	2779122	0.41	5771		5771	62	50	2378		2378
188	2025	ALT3	EB	MD	HOT		Rancho Ave On-Ramp to La Ca	2779122	0.18	5771		5771	62	50	1036		1036
189	2025	ALT3	EB	MD	HOT		La Cadena Dr/9th St Off-Ramp	2779122	0.53	5771		5771	62	50	3055		3055
190	2025	ALT3	EB	MD	HOT		La Cadena Dr/9th St On-Ramp	2779122	0.03	5771		5771	62	50	162		162
191	2025	ALT3	EB	MD	HOT		Mt Vernon Ave Off-Ramp to M	2779128	0.61	6051		6051	61	50	3665		3665
192	2025	ALT3	EB	MD	HOT		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	6051		6051	61	50	293		293
193	2025	ALT3	EB	MD	HOT		I-215 Off-Ramp to I-215 NB On	2779128	0.94	6051		6051	61	50	5699		5699
194	2025	ALT3	EB	MD	HOT		I-215 NB On-Ramp to I-215 SB	2779128	0.11	6051		6051	61	50	663		663
195	2025	ALT3	EB	MD	HOT		I-215 SB On-Ramp to Redlands	2779128	0.13	6051		6051	61	50	784		784
196	2025	ALT3	EB	MD	HOT		Redlands Blvd Off-Ramp to Wa	2779128	0.11	6051		6051	61	50	658		658
197	2025	ALT3	EB	MD	HOT		Waterman Ave Off-Ramp to W	2779128	0.63	6051		6051	61	50	3821		3821
198	2025	ALT3	EB	MD	HOT		Waterman Ave On-Ramp to An	2779128	0.28	6051		6051	61	50	1709		1709
199	2025	ALT3	EB	MD	HOT		Anderson St Off-Ramp to Ande	2760301	0.40	6711		6711	61	50	2712		2712
200	2025	ALT3	EB	MD	HOT		Anderson St On-Ramp to Mour	2760301	0.21	6711		6711	61	50	1396		1396
201	2025	ALT3	EB	MD	HOT		Mountain View Ave Off-Ramp t	2760301	0.79	6711		6711	61	50	5305		5305
202	2025	ALT3	EB	MD	HOT		Mountain View Ave On-Ramp t	2760301	0.18	6711		6711	61	50	1232		1232
203	2025	ALT3	EB	MD	HOT		California St Off-Ramp to Califc	2760301	0.84	6711		6711	61	50	5648		5648
204	2025	ALT3	EB	MD	HOT		California St On-Ramp to Alaba	2731614	0.18	2948		2948	62	50	518		518
205	2025	ALT3	EB	MD	HOT		Alabama St Off-Ramp to SR-21	2731614	0.39	2948		2948	62	50	1154		1154
206	2025	ALT3	EB	MD	HOT		SR-210 NB Off-Ramp to Tennes	2731614	0.18	2948		2948	62	50	521		521
207	2025	ALT3	EB	MD	HOT		Tennessee St Off-Ramp to Ten	2731614	0.64	2948		2948	62	50	1896		1896
208	2025	ALT3	EB	MD	HOT		Tennessee St On-Ramp to SR-2	2731614	0.20	2948		2948	62	50	585		585
209	2025	ALT3	EB	MD	HOT		SR-210 SB On-Ramp to Eureka	2731614	0.05	2948		2948	62	50	149		149
210	2025	ALT3	EB	MD	HOT		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	3196		3196	61	50	1377		1377
211	2025	ALT3	EB	MD	HOT		Pearl Ave On-Ramp to Universi	2760225	0.30	3196		3196	61	50	950		950
212	2025	ALT3	EB	MD	HOT		University St Off-Ramp to Cypr	2760225	0.80	3196		3196	61	50	2542		2542
213	2025	ALT3	EB	MD	HOT		Cypress Ave On-Ramp to Ford	2760225	0.46	3196		3196	61	50	1463		1463
214	2025	ALT3	EB	MD	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2025	ALT3	EB	MD	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2025	ALT3	EB	PM	Mainline		LA County Line to Monte Vista	25707	0.26	33579	2768	36347	38	38	8603	709	9313
2	2025	ALT3	EB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	31329	2742	34071	45	45	21191	1855	23046
3	2025	ALT3	EB	PM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	33997	2875	36871	51	50	992	84	1076
4	2025	ALT3	EB	PM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	31465	2817	34282	45	45	17997	1612	19609
5	2025	ALT3	EB	PM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	34343	2925	37268	50	50	7143	608	7751
6	2025	ALT3	EB	PM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	30792	2881	33673	48	48	10558	988	11546
7	2025	ALT3	EB	PM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	33751	3045	36796	36	36	16132	1456	17588
8	2025	ALT3	EB	PM	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	30375	2999	33374	46	46	19602	1936	21538
9	2025	ALT3	EB	PM	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	32615	3064	35679	40	40	16696	1568	18264
10	2025	ALT3	EB	PM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	28488	2948	31437	50	50	4901	507	5408
11	2025	ALT3	EB	PM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	31196	3006	34202	45	45	10265	989	11254
12	2025	ALT3	EB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	29496	2866	32362	49	49	7211	701	7912
13	2025	ALT3	EB	PM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	33812	2965	36778	56	50	6505	571	7075
14	2025	ALT3	EB	PM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	30381	2848	33229	53	50	10284	964	11248
15	2025	ALT3	EB	PM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	35666	3034	38700	45	45	13913	1184	15097
16	2025	ALT3	EB	PM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	37321	3073	40394	40	40	8330	686	9015

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
17	2025	ALT3	EB	PM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	33782	2856	36638	34	34	14053	1188	15241
18	2025	ALT3	EB	PM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	38082	2900	40982	39	39	11890	905	12795
19	2025	ALT3	EB	PM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	40539	2985	43524	46	46	9085	669	9754
20	2025	ALT3	EB	PM	Mainline		Milliken Ave Off-Ramp to Millil	23622	0.53	37599	2743	40342	41	41	19939	1455	21394
21	2025	ALT3	EB	PM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	40472	2825	43296	47	47	2150	150	2300
22	2025	ALT3	EB	PM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	31860	2149	34009	53	50	7911	534	8445
23	2025	ALT3	EB	PM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	26897	1884	28781	52	50	8250	578	8827
24	2025	ALT3	EB	PM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	32989	2066	35055	41	41	7147	448	7595
25	2025	ALT3	EB	PM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	33978	2093	36072	50	50	4783	295	5078
26	2025	ALT3	EB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	32246	1903	34149	52	50	41260	2434	43695
27	2025	ALT3	EB	PM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	33881	1974	35855	57	50	31323	1825	33148
28	2025	ALT3	EB	PM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	31494	1763	33257	53	50	19185	1074	20259
29	2025	ALT3	EB	PM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	35708	1900	37608	55	50	12729	677	13406
30	2025	ALT3	EB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	33088	1820	34907	51	50	20955	1153	22108
31	2025	ALT3	EB	PM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	34849	1873	36722	56	50	15617	840	16456
32	2025	ALT3	EB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	31592	1820	33412	53	50	16925	975	17900
33	2025	ALT3	EB	PM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	33560	1870	35430	53	50	15724	876	16601
34	2025	ALT3	EB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	27699	1724	29423	53	50	17656	1099	18755
35	2025	ALT3	EB	PM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	30858	1759	32617	56	50	9545	544	10089
36	2025	ALT3	EB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	31783	1759	33542	55	50	11778	652	12430
37	2025	ALT3	EB	PM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	31783	1759	33542	55	50	15864	878	16742
38	2025	ALT3	EB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	27313	1651	28964	54	50	23183	1401	24584
39	2025	ALT3	EB	PM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	29797	1716	31513	57	50	23703	1365	25067
40	2025	ALT3	EB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	26493	1607	28100	59	50	15283	927	16210
41	2025	ALT3	EB	PM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	29517	1663	31180	57	50	5891	332	6222
42	2025	ALT3	EB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	27490	1631	29120	54	50	18135	1076	19211
43	2025	ALT3	EB	PM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	28971	1655	30627	52	50	7549	431	7980
44	2025	ALT3	EB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	27006	1607	28613	54	50	11128	662	11790
45	2025	ALT3	EB	PM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	28638	1637	30275	53	50	5143	294	5437
46	2025	ALT3	EB	PM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	27252	1584	28836	54	50	14427	838	15265
47	2025	ALT3	EB	PM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	29151	1605	30757	57	50	818	45	863
48	2025	ALT3	EB	PM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	26774	1580	28354	59	50	16218	957	17175
49	2025	ALT3	EB	PM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	28271	1603	29874	57	50	1369	78	1446
50	2025	ALT3	EB	PM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	21515	1383	22898	58	50	20265	1303	21568
51	2025	ALT3	EB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	31976	1714	33689	53	50	3505	188	3693
52	2025	ALT3	EB	PM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	37823	1970	39793	53	50	4898	255	5153
53	2025	ALT3	EB	PM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	34878	1904	36782	49	49	3791	207	3998
54	2025	ALT3	EB	PM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	33209	1784	34993	41	41	20971	1126	22098
55	2025	ALT3	EB	PM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	35236	1811	37046	49	49	9955	512	10466
56	2025	ALT3	EB	PM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	32540	1743	34282	43	43	13149	704	13853
57	2025	ALT3	EB	PM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	34241	1748	35988	57	50	7124	364	7488
58	2025	ALT3	EB	PM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	31450	1661	33111	54	50	24859	1313	26172
59	2025	ALT3	EB	PM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	35527	1712	37239	56	50	6521	314	6835
60	2025	ALT3	EB	PM	Mainline		California St Off-Ramp to Califc	24075	0.84	33314	1611	34925	51	50	28035	1355	29390
61	2025	ALT3	EB	PM	Mainline		California St On-Ramp to Alaba	24046	0.18	38419	1628	40047	52	50	6752	286	7038
62	2025	ALT3	EB	PM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	35771	1550	37321	56	50	14006	607	14613
63	2025	ALT3	EB	PM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	28880	1455	30335	57	50	5101	257	5358
64	2025	ALT3	EB	PM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	25998	1367	27364	56	50	16723	879	17602
65	2025	ALT3	EB	PM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	28276	1383	29659	53	50	5610	274	5885

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
66	2025	ALT3	EB	PM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	34643	2071	36714	51	50	1753	105	1858
67	2025	ALT3	EB	PM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	30607	1997	32603	49	49	13184	860	14044
68	2025	ALT3	EB	PM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	31861	2013	33874	46	46	9470	598	10068
69	2025	ALT3	EB	PM	Mainline		University St Off-Ramp to Cypr	23724	0.80	28636	1977	30613	52	50	22780	1572	24352
70	2025	ALT3	EB	PM	Mainline		Cypress Ave On-Ramp to Ford S	23642	0.46	29161	1981	31142	56	50	13350	907	14256
71	2025	ALT3	EB	PM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	31029	1950	32978	54	50	20172	1267	21439
72	2025	ALT3	EB	PM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	33043	1969	35012	56	50	19494	1162	20656
73	2025	ALT3	EB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2250	26	2276	17	17	426	5	430
74	2025	ALT3	EB	PM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2668	132	2800	10	10	345	17	362
75	2025	ALT3	EB	PM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2532	57	2589	14	14	329	7	337
76	2025	ALT3	EB	PM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2878	108	2985	9	9	539	20	559
77	2025	ALT3	EB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3056	44	3101	9	9	494	7	501
78	2025	ALT3	EB	PM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2959	165	3123	8	8	345	19	364
79	2025	ALT3	EB	PM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3376	46	3422	6	6	495	7	501
80	2025	ALT3	EB	PM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2240	64	2305	13	13	784	23	806
81	2025	ALT3	EB	PM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	5066	115	5181	19	19	1608	37	1645
82	2025	ALT3	EB	PM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	2708	57	2765	18	18	637	14	650
83	2025	ALT3	EB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1700	140	1840	28	28	173	14	187
84	2025	ALT3	EB	PM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	4316	99	4415	27	27	541	12	553
85	2025	ALT3	EB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	3431	117	3549	30	30	998	34	1032
86	2025	ALT3	EB	PM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5285	186	5471	16	16	1205	42	1247
87	2025	ALT3	EB	PM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1655	38	1694	15	15	384	9	393
88	2025	ALT3	EB	PM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	3540	216	3756	22	22	502	31	533
89	2025	ALT3	EB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1658	43	1701	15	15	202	5	208
90	2025	ALT3	EB	PM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	2457	85	2542	11	11	687	24	711
91	2025	ALT3	EB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2940	242	3182	24	24	519	43	562
92	2025	ALT3	EB	PM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2873	82	2954	8	8	556	16	572
93	2025	ALT3	EB	PM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	8612	675	9287	25	25	9560	750	10310
94	2025	ALT3	EB	PM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	4963	265	5228	17	17	2862	153	3016
95	2025	ALT3	EB	PM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	6092	182	6274	10	10	679	20	700
96	2025	ALT3	EB	PM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	989	27	1016	34	34	1184	32	1217
97	2025	ALT3	EB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1732	191	1922	27	27	340	37	378
98	2025	ALT3	EB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1635	71	1706	27	27	585	26	610
99	2025	ALT3	EB	PM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4763	211	4973	26	26	971	43	1014
100	2025	ALT3	EB	PM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	4214	137	4351	27	27	1299	42	1341
101	2025	ALT3	EB	PM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	2620	81	2701	32	32	904	28	931
102	2025	ALT3	EB	PM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1761	54	1815	29	29	520	16	536
103	2025	ALT3	EB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	3257	53	3310	31	31	436	7	443
104	2025	ALT3	EB	PM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1968	50	2018	19	19	528	13	542
105	2025	ALT3	EB	PM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	5861	146	6008	15	15	687	17	704
106	2025	ALT3	EB	PM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3159	35	3194	8	8	93	1	94
107	2025	ALT3	EB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2025	ALT3	EB	PM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2025	ALT3	EB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4470	108	4578	22	22	817	20	837
110	2025	ALT3	EB	PM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2484	65	2549	18	18	1021	27	1048
111	2025	ALT3	EB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	3304	109	3413	30	30	415	14	428
112	2025	ALT3	EB	PM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3024	56	3080	17	17	912	17	929
113	2025	ALT3	EB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2027	32	2060	19	19	619	10	629
114	2025	ALT3	EB	PM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1482	24	1506	17	17	542	9	551

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
115	2025	ALT3	EB	PM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2025	ALT3	EB	PM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	1632	30	1661	16	16	519	10	529
117	2025	ALT3	EB	PM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1386	53	1438	23	23	344	13	357
118	2025	ALT3	EB	PM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1899	22	1921	19	19	537	6	543
119	2025	ALT3	EB	PM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1222	26	1248	24	24	514	11	525
120	2025	ALT3	EB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1497	24	1520	19	19	389	6	395
121	2025	ALT3	EB	PM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	6756	220	6976	33	33	1589	52	1641
122	2025	ALT3	EB	PM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	10461	330	10791	22	22	9091	287	9378
123	2025	ALT3	EB	PM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	5848	256	6104	30	30	4433	194	4627
124	2025	ALT3	EB	PM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2945	66	3011	7	7	268	6	274
125	2025	ALT3	EB	PM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1669	121	1790	18	18	415	30	445
126	2025	ALT3	EB	PM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2027	27	2054	13	13	282	4	286
127	2025	ALT3	EB	PM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2668	68	2736	10	10	672	17	689
128	2025	ALT3	EB	PM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1701	5	1706	15	15	175	1	175
129	2025	ALT3	EB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2790	87	2877	17	17	820	25	845
130	2025	ALT3	EB	PM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	4077	51	4128	27	27	929	12	941
131	2025	ALT3	EB	PM	Ramp	OFF	California St Off-Ramp	94801	0.46	2213	101	2315	22	22	1007	46	1054
132	2025	ALT3	EB	PM	Ramp	ON	California St On-Ramp	95942	0.39	1941	18	1959	27	27	752	7	759
133	2025	ALT3	EB	PM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2648	78	2725	18	18	1148	34	1182
134	2025	ALT3	EB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	6891	95	6986	28	28	5700	79	5779
135	2025	ALT3	EB	PM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2882	89	2971	15	15	989	30	1019
136	2025	ALT3	EB	PM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2278	16	2294	14	14	241	2	243
137	2025	ALT3	EB	PM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	6367	688	7055	27	27	6758	730	7488
138	2025	ALT3	EB	PM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	3622	74	3697	4	4	323	7	329
139	2025	ALT3	EB	PM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1254	16	1271	17	17	372	5	377
140	2025	ALT3	EB	PM	Ramp	OFF	University St Off-Ramp	94695	0.28	3225	36	3261	7	7	902	10	912
141	2025	ALT3	EB	PM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	525	4	530	29	29	159	1	160
142	2025	ALT3	EB	PM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3309	31	3341	11	11	909	9	918
143	2025	ALT3	EB	PM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	2015	19	2034	29	29	759	7	766
144	2025	ALT3	EB	PM	HOT		LA County Line to Monte Vista	2664669	0.26	13131		13131	44	44	3364		3364
145	2025	ALT3	EB	PM	HOT		Monte Vista Ave Off-Ramp to M	2664669	0.68	13131		13131	44	44	8882		8882
146	2025	ALT3	EB	PM	HOT		Monte Vista Ave/Palo Verde St	2664669	0.03	13131		13131	44	44	383		383
147	2025	ALT3	EB	PM	HOT		Central Ave Off-Ramp to Centr	2664669	0.57	13131		13131	44	44	7511		7511
148	2025	ALT3	EB	PM	HOT		Central Ave On-Ramp to Moun	2664669	0.21	13131		13131	44	44	2731		2731
149	2025	ALT3	EB	PM	HOT		Mountain Ave Off-Ramp to Mc	2664669	0.34	13131		13131	44	44	4502		4502
150	2025	ALT3	EB	PM	HOT		Mountain Ave On-Ramp to Euc	2779098	0.48	13625		13625	42	42	6513		6513
151	2025	ALT3	EB	PM	HOT		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	13625		13625	42	42	8793		8793
152	2025	ALT3	EB	PM	HOT		Euclid Ave On-Ramp to San Be	2779098	0.51	13625		13625	42	42	6975		6975
153	2025	ALT3	EB	PM	HOT		San Bernardino Ave/4th St Off-	2665612	0.17	12686		12686	52	50	2182		2182
154	2025	ALT3	EB	PM	HOT		San Bernardino Ave/4th St On-	2665612	0.33	12686		12686	52	50	4174		4174
155	2025	ALT3	EB	PM	HOT		Vineyard Ave Off-Ramp to Vine	2665612	0.24	12686		12686	52	50	3102		3102
156	2025	ALT3	EB	PM	HOT		Vineyard Ave On-Ramp to Arch	2665612	0.19	12686		12686	52	50	2441		2441
157	2025	ALT3	EB	PM	HOT		Archibald Ave Off-Ramp to Hol	2665612	0.34	12686		12686	52	50	4294		4294
158	2025	ALT3	EB	PM	HOT		Holt Blvd On-Ramp to Archibal	2665612	0.39	12686		12686	52	50	4949		4949
159	2025	ALT3	EB	PM	HOT		Archibald Ave On-Ramp to Hav	2665612	0.22	12686		12686	52	50	2831		2831
160	2025	ALT3	EB	PM	HOT		Haven Ave Off-Ramp to Haven	2665612	0.42	12686		12686	52	50	5277		5277
161	2025	ALT3	EB	PM	HOT		Haven Ave Loop On-Ramp to H	2778934	0.31	10044		10044	52	50	3136		3136
162	2025	ALT3	EB	PM	HOT		Haven Ave On-Ramp to Millike	2778934	0.22	10044		10044	52	50	2251		2251
163	2025	ALT3	EB	PM	HOT		Milliken Ave Off-Ramp to Millik	2778934	0.53	10044		10044	52	50	5326		5326

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
164	2025	ALT3	EB	PM	HOT		Milliken Ave Loop On-Ramp to	2778934	0.05	10044		10044	52	50	534		534
165	2025	ALT3	EB	PM	HOT		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	10044		10044	52	50	2494		2494
166	2025	ALT3	EB	PM	HOT		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	10044		10044	52	50	3081		3081
167	2025	ALT3	EB	PM	HOT		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	10044		10044	52	50	2176		2176
168	2025	ALT3	EB	PM	HOT		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	10044		10044	52	50	1414		1414
169	2025	ALT3	EB	PM	HOT		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	10044		10044	52	50	12852		12852
170	2025	ALT3	EB	PM	HOT		Etiwanda Ave On-Ramp to Che	2778934	0.92	10044		10044	52	50	9286		9286
171	2025	ALT3	EB	PM	HOT		Cherry Ave Off-Ramp to Cherry	2760156	0.61	7669		7669	56	50	4672		4672
172	2025	ALT3	EB	PM	HOT		Cherry Ave On-Ramp to Beach	2760156	0.36	7669		7669	56	50	2734		2734
173	2025	ALT3	EB	PM	HOT		Beach Ave Off-Ramp to Beach	2760156	0.63	7669		7669	56	50	4857		4857
174	2025	ALT3	EB	PM	HOT		BeachAve On-Ramp to Citrus A	2760156	0.45	7669		7669	56	50	3437		3437
175	2025	ALT3	EB	PM	HOT		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	7669		7669	56	50	4109		4109
176	2025	ALT3	EB	PM	HOT		Citrus Ave On-Ramp to Sierra A	2760156	0.47	7669		7669	56	50	3593		3593
177	2025	ALT3	EB	PM	HOT		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	7669		7669	56	50	4888		4888
178	2025	ALT3	EB	PM	HOT		Sierra Ave On-Ramp to Alder A	2760156	0.31	7669		7669	56	50	2372		2372
179	2025	ALT3	EB	PM	HOT		Alder Ave Off-Ramp to Alder A	2779122	0.37	6744		6744	58	50	2499		2499
180	2025	ALT3	EB	PM	HOT		Alder Ave On-Ramp to Cedar A	2779122	0.50	6744		6744	58	50	3366		3366
181	2025	ALT3	EB	PM	HOT		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	6744		6744	58	50	5724		5724
182	2025	ALT3	EB	PM	HOT		Cedar Ave On-Ramp to Riversic	2779122	0.80	6744		6744	58	50	5364		5364
183	2025	ALT3	EB	PM	HOT		Riverside Ave Off-Ramp to Rive	2779122	0.58	6744		6744	58	50	3890		3890
184	2025	ALT3	EB	PM	HOT		Riverside Ave On-Ramp to Pep	2779122	0.20	6744		6744	58	50	1346		1346
185	2025	ALT3	EB	PM	HOT		Pepper Ave Off-Ramp to Peppe	2779122	0.66	6744		6744	58	50	4449		4449
186	2025	ALT3	EB	PM	HOT		Pepper Ave On-Ramp to Ranch	2779122	0.26	6744		6744	58	50	1757		1757
187	2025	ALT3	EB	PM	HOT		Rancho Ave Off-Ramp to Ranch	2779122	0.41	6744		6744	58	50	2779		2779
188	2025	ALT3	EB	PM	HOT		Rancho Ave On-Ramp to La Ca	2779122	0.18	6744		6744	58	50	1211		1211
189	2025	ALT3	EB	PM	HOT		La Cadena Dr/9th St Off-Ramp	2779122	0.53	6744		6744	58	50	3570		3570
190	2025	ALT3	EB	PM	HOT		La Cadena Dr/9th St On-Ramp	2779122	0.03	6744		6744	58	50	189		189
191	2025	ALT3	EB	PM	HOT		Mt Vernon Ave Off-Ramp to M	2779128	0.61	7898		7898	56	50	4784		4784
192	2025	ALT3	EB	PM	HOT		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	7898		7898	56	50	382		382
193	2025	ALT3	EB	PM	HOT		I-215 Off-Ramp to I-215 NB On	2779128	0.94	7898		7898	56	50	7440		7440
194	2025	ALT3	EB	PM	HOT		I-215 NB On-Ramp to I-215 SB	2779128	0.11	7898		7898	56	50	866		866
195	2025	ALT3	EB	PM	HOT		I-215 SB On-Ramp to Redlands	2779128	0.13	7898		7898	56	50	1023		1023
196	2025	ALT3	EB	PM	HOT		Redlands Blvd Off-Ramp to Wa	2779128	0.11	7898		7898	56	50	859		859
197	2025	ALT3	EB	PM	HOT		Waterman Ave Off-Ramp to W	2779128	0.63	7898		7898	56	50	4988		4988
198	2025	ALT3	EB	PM	HOT		Waterman Ave On-Ramp to An	2779128	0.28	7898		7898	56	50	2231		2231
199	2025	ALT3	EB	PM	HOT		Anderson St Off-Ramp to Ande	2760301	0.40	7927		7927	56	50	3203		3203
200	2025	ALT3	EB	PM	HOT		Anderson St On-Ramp to Mour	2760301	0.21	7927		7927	56	50	1649		1649
201	2025	ALT3	EB	PM	HOT		Mountain View Ave Off-Ramp t	2760301	0.79	7927		7927	56	50	6265		6265
202	2025	ALT3	EB	PM	HOT		Mountain View Ave On-Ramp t	2760301	0.18	7927		7927	56	50	1455		1455
203	2025	ALT3	EB	PM	HOT		California St Off-Ramp to Califc	2760301	0.84	7927		7927	56	50	6671		6671
204	2025	ALT3	EB	PM	HOT		California St On-Ramp to Alaba	2731614	0.18	4763		4763	53	50	837		837
205	2025	ALT3	EB	PM	HOT		Alabama St Off-Ramp to SR-21	2731614	0.39	4763		4763	53	50	1865		1865
206	2025	ALT3	EB	PM	HOT		SR-210 NB Off-Ramp to Tennes	2731614	0.18	4763		4763	53	50	841		841
207	2025	ALT3	EB	PM	HOT		Tennessee St Off-Ramp to Ten	2731614	0.64	4763		4763	53	50	3064		3064
208	2025	ALT3	EB	PM	HOT		Tennessee St On-Ramp to SR-2	2731614	0.20	4763		4763	53	50	945		945
209	2025	ALT3	EB	PM	HOT		SR-210 SB On-Ramp to Eureka	2731614	0.05	4763		4763	53	50	241		241
210	2025	ALT3	EB	PM	HOT		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	5177		5177	51	50	2230		2230
211	2025	ALT3	EB	PM	HOT		Pearl Ave On-Ramp to Universi	2760225	0.30	5177		5177	51	50	1539		1539
212	2025	ALT3	EB	PM	HOT		University St Off-Ramp to Cypr	2760225	0.80	5177		5177	51	50	4118		4118

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
213	2025	ALT3	EB	PM	HOT		Cypress Ave On-Ramp to Ford S	2760225	0.46	5177		5177	51	50	2370		2370
214	2025	ALT3	EB	PM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2025	ALT3	EB	PM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2025	ALT3	EB	NT	Mainline		LA County Line to Monte Vista	25707	0.26	23726	6503	30229	63	50	6079	1666	7745
2	2025	ALT3	EB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	22268	6435	28703	63	50	15062	4353	19415
3	2025	ALT3	EB	NT	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	23391	6519	29910	63	50	683	190	873
4	2025	ALT3	EB	NT	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	20909	6385	27293	63	50	11959	3652	15611
5	2025	ALT3	EB	NT	Mainline		Central Ave On-Ramp to Moun	23488	0.21	23180	6490	29670	63	50	4821	1350	6171
6	2025	ALT3	EB	NT	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	20616	6373	26989	63	50	7069	2185	9254
7	2025	ALT3	EB	NT	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	23109	6515	29624	63	50	11046	3114	14160
8	2025	ALT3	EB	NT	Mainline		Euclid Ave Off-Ramp to Euclid A	23438	0.65	18694	6334	25028	63	50	12064	4087	16151
9	2025	ALT3	EB	NT	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	20451	6417	26869	63	50	10469	3285	13754
10	2025	ALT3	EB	NT	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	17912	6238	24150	63	50	3081	1073	4155
11	2025	ALT3	EB	NT	Mainline		San Bernardino Ave/4th St On-	23534	0.33	20018	6314	26331	63	50	6587	2077	8664
12	2025	ALT3	EB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	18500	6052	24552	63	50	4523	1480	6003
13	2025	ALT3	EB	NT	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	20527	6129	26656	64	50	3949	1179	5128
14	2025	ALT3	EB	NT	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	17936	5908	23844	64	50	6071	2000	8071
15	2025	ALT3	EB	NT	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	21855	6318	28173	63	50	8526	2465	10991
16	2025	ALT3	EB	NT	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	22795	6379	29174	63	50	5088	1424	6511
17	2025	ALT3	EB	NT	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	20694	6053	26748	63	50	8608	2518	11127
18	2025	ALT3	EB	NT	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	22743	6125	28868	63	50	7101	1912	9013
19	2025	ALT3	EB	NT	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	23492	6280	29773	64	50	5265	1407	6672
20	2025	ALT3	EB	NT	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	21467	5926	27393	63	50	11384	3143	14527
21	2025	ALT3	EB	NT	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	23666	6197	29863	64	50	1257	329	1586
22	2025	ALT3	EB	NT	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	17957	3661	21618	64	50	4459	909	5368
23	2025	ALT3	EB	NT	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	14434	3206	17641	64	50	4427	983	5411
24	2025	ALT3	EB	NT	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	17831	3478	21309	63	50	3863	753	4617
25	2025	ALT3	EB	NT	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	18445	3517	21962	64	50	2596	495	3091
26	2025	ALT3	EB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	17861	3243	21104	64	50	22853	4150	27003
27	2025	ALT3	EB	NT	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	18394	3322	21716	64	50	17005	3071	20076
28	2025	ALT3	EB	NT	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	15134	2859	17993	64	50	9219	1742	10961
29	2025	ALT3	EB	NT	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	17553	3067	20620	64	50	6257	1093	7350
30	2025	ALT3	EB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	17072	2982	20054	64	50	10812	1889	12701
31	2025	ALT3	EB	NT	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	17755	3052	20807	64	50	7956	1368	9324
32	2025	ALT3	EB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	16143	2986	19129	64	50	8649	1600	10248
33	2025	ALT3	EB	NT	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	17362	3049	20411	64	50	8135	1429	9563
34	2025	ALT3	EB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	13596	2804	16400	64	50	8667	1787	10454
35	2025	ALT3	EB	NT	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	15767	2861	18628	64	50	4877	885	5762
36	2025	ALT3	EB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	16259	2861	19120	64	50	6025	1060	7086
37	2025	ALT3	EB	NT	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	16259	2861	19120	64	50	8115	1428	9544
38	2025	ALT3	EB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	13458	2629	16087	64	50	11423	2231	13654
39	2025	ALT3	EB	NT	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	14947	2693	17640	64	50	11890	2143	14032
40	2025	ALT3	EB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	13667	2577	16244	64	50	7884	1487	9371
41	2025	ALT3	EB	NT	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	15459	2675	18134	64	50	3085	534	3619
42	2025	ALT3	EB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	14090	2613	16704	64	50	9295	1724	11020
43	2025	ALT3	EB	NT	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	15138	2646	17785	64	50	3945	690	4634
44	2025	ALT3	EB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	14083	2588	16671	64	50	5803	1066	6869
45	2025	ALT3	EB	NT	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	14511	2598	17109	64	50	2606	467	3072
46	2025	ALT3	EB	NT	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	13260	2487	15747	64	50	7020	1317	8336

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
47	2025	ALT3	EB	NT	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	13921	2509	16430	64	50	391	70	461
48	2025	ALT3	EB	NT	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	12869	2455	15324	64	50	7795	1487	9282
49	2025	ALT3	EB	NT	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	13447	2476	15924	64	50	651	120	771
50	2025	ALT3	EB	NT	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	11933	2310	14243	64	50	11240	2176	13415
51	2025	ALT3	EB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	18874	3037	21911	64	50	2069	333	2402
52	2025	ALT3	EB	NT	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	24435	3597	28033	64	50	3164	466	3630
53	2025	ALT3	EB	NT	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	21453	3311	24764	64	50	2332	360	2692
54	2025	ALT3	EB	NT	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	21349	3296	24645	63	50	13481	2082	15563
55	2025	ALT3	EB	NT	Mainline		Waterman Ave On-Ramp to An	24356	0.28	22605	3354	25959	63	50	6386	948	7334
56	2025	ALT3	EB	NT	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	18572	3143	21715	63	50	7505	1270	8775
57	2025	ALT3	EB	NT	Mainline		Anderson St On-Ramp to Mour	24003	0.21	19401	3152	22553	64	50	4037	656	4692
58	2025	ALT3	EB	NT	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	17672	3024	20696	64	50	13968	2390	16358
59	2025	ALT3	EB	NT	Mainline		Mountain View Ave On-Ramp t	24040	0.18	20012	3104	23116	64	50	3673	570	4243
60	2025	ALT3	EB	NT	Mainline		California St Off-Ramp to Califc	24075	0.84	18645	2950	21595	64	50	15690	2483	18173
61	2025	ALT3	EB	NT	Mainline		California St On-Ramp to Alaba	24046	0.18	21126	2976	24102	64	50	3713	523	4236
62	2025	ALT3	EB	NT	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	19002	2816	21818	64	50	7440	1103	8543
63	2025	ALT3	EB	NT	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	16373	2670	19042	64	50	2892	472	3364
64	2025	ALT3	EB	NT	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	14235	2518	16752	64	50	9156	1620	10776
65	2025	ALT3	EB	NT	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	15472	2549	18021	64	50	3070	506	3576
66	2025	ALT3	EB	NT	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	18386	3093	21479	64	50	930	157	1087
67	2025	ALT3	EB	NT	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	15652	2950	18602	64	50	6742	1271	8013
68	2025	ALT3	EB	NT	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	16795	2978	19773	64	50	4992	885	5877
69	2025	ALT3	EB	NT	Mainline		University St Off-Ramp to Cypr	23724	0.80	13777	2892	16669	64	50	10960	2301	13260
70	2025	ALT3	EB	NT	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	14321	2899	17220	64	50	6556	1327	7883
71	2025	ALT3	EB	NT	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	14585	2862	17447	64	50	9482	1860	11342
72	2025	ALT3	EB	NT	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	15518	2876	18394	64	50	9155	1697	10852
73	2025	ALT3	EB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1458	68	1526	27	27	276	13	289
74	2025	ALT3	EB	NT	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1123	84	1208	19	19	145	11	156
75	2025	ALT3	EB	NT	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2483	135	2617	25	25	323	17	340
76	2025	ALT3	EB	NT	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2271	105	2377	18	18	425	20	445
77	2025	ALT3	EB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3063	117	3180	24	24	495	19	514
78	2025	ALT3	EB	NT	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2494	142	2635	18	18	291	17	307
79	2025	ALT3	EB	NT	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	4415	181	4596	20	20	647	27	673
80	2025	ALT3	EB	NT	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1757	84	1841	19	19	615	29	644
81	2025	ALT3	EB	NT	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	3279	179	3458	28	28	1041	57	1098
82	2025	ALT3	EB	NT	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	2106	76	2181	20	20	495	18	513
83	2025	ALT3	EB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1518	262	1780	29	29	154	27	181
84	2025	ALT3	EB	NT	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2027	77	2104	30	30	254	10	264
85	2025	ALT3	EB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	2591	221	2812	34	34	754	64	818
86	2025	ALT3	EB	NT	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	3919	410	4329	27	27	893	94	987
87	2025	ALT3	EB	NT	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	940	61	1001	19	19	218	14	232
88	2025	ALT3	EB	NT	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2101	326	2427	29	29	298	46	344
89	2025	ALT3	EB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1021	72	1093	19	19	125	9	133
90	2025	ALT3	EB	NT	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	749	155	904	19	19	210	43	253
91	2025	ALT3	EB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2026	354	2380	29	29	358	63	420
92	2025	ALT3	EB	NT	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2200	270	2470	17	17	426	52	478
93	2025	ALT3	EB	NT	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	5709	2536	8245	33	33	6338	2815	9153
94	2025	ALT3	EB	NT	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3523	454	3977	31	31	2032	262	2294
95	2025	ALT3	EB	NT	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	3397	272	3668	32	32	379	30	409

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
96	2025	ALT3	EB	NT	Ramp	ON	I-15 SB On-Ramp	23557	1.20	614	39	653	35	35	735	47	781
97	2025	ALT3	EB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	584	274	858	29	29	115	54	169
98	2025	ALT3	EB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	534	79	612	30	30	191	28	219
99	2025	ALT3	EB	NT	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	3717	462	4179	33	33	758	94	852
100	2025	ALT3	EB	NT	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2419	208	2627	29	29	746	64	810
101	2025	ALT3	EB	NT	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	481	85	566	35	35	166	29	195
102	2025	ALT3	EB	NT	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	683	70	753	30	30	202	21	222
103	2025	ALT3	EB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1612	66	1677	34	34	216	9	224
104	2025	ALT3	EB	NT	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1218	63	1282	20	20	327	17	344
105	2025	ALT3	EB	NT	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	3766	245	4011	28	28	441	29	470
106	2025	ALT3	EB	NT	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2170	57	2228	18	18	64	2	65
107	2025	ALT3	EB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
108	2025	ALT3	EB	NT	Ramp	ON	Alder Ave On-Ramp (Future)							50			
109	2025	ALT3	EB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2801	232	3034	29	29	512	42	555
110	2025	ALT3	EB	NT	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1489	65	1554	20	20	612	27	639
111	2025	ALT3	EB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1280	116	1396	34	34	161	15	175
112	2025	ALT3	EB	NT	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	1793	97	1890	20	20	541	29	570
113	2025	ALT3	EB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1369	61	1430	28	28	418	19	437
114	2025	ALT3	EB	NT	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1048	33	1081	19	19	384	12	396
115	2025	ALT3	EB	NT	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2025	ALT3	EB	NT	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	428	10	439	20	20	136	3	140
117	2025	ALT3	EB	NT	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1251	111	1362	28	28	310	27	338
118	2025	ALT3	EB	NT	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	661	21	683	20	20	187	6	193
119	2025	ALT3	EB	NT	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	905	53	959	28	28	381	22	403
120	2025	ALT3	EB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	579	21	600	20	20	150	5	156
121	2025	ALT3	EB	NT	Ramp	OFF	I-215 Off-Ramp	24444	0.24	1514	166	1681	35	35	356	39	395
122	2025	ALT3	EB	NT	Ramp	ON	I-215 NB On-Ramp	24630	0.87	6941	727	7668	33	33	6032	632	6664
123	2025	ALT3	EB	NT	Ramp	ON	I-215 SB On-Ramp	24516	0.76	5561	561	6122	33	33	4216	425	4641
124	2025	ALT3	EB	NT	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2982	286	3268	22	22	271	26	297
125	2025	ALT3	EB	NT	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	104	15	119	30	30	26	4	30
126	2025	ALT3	EB	NT	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1257	58	1314	19	19	175	8	183
127	2025	ALT3	EB	NT	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2941	211	3151	22	22	741	53	794
128	2025	ALT3	EB	NT	Ramp	ON	Anderson St On-Ramp	2668189	0.10	829	9	838	19	19	85	1	86
129	2025	ALT3	EB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	1729	129	1858	32	32	508	38	546
130	2025	ALT3	EB	NT	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	2340	80	2421	30	30	533	18	552
131	2025	ALT3	EB	NT	Ramp	OFF	California St Off-Ramp	94801	0.46	1367	154	1521	33	33	622	70	692
132	2025	ALT3	EB	NT	Ramp	ON	California St On-Ramp	95942	0.39	895	26	921	30	30	347	10	357
133	2025	ALT3	EB	NT	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2124	160	2284	31	31	921	69	991
134	2025	ALT3	EB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2629	147	2776	30	30	2175	121	2296
135	2025	ALT3	EB	NT	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2138	152	2290	31	31	734	52	786
136	2025	ALT3	EB	NT	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1238	31	1269	19	19	131	3	134
137	2025	ALT3	EB	NT	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	2914	544	3458	30	30	3093	578	3670
138	2025	ALT3	EB	NT	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2801	143	2944	25	25	249	13	262
139	2025	ALT3	EB	NT	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1143	28	1171	19	19	339	8	347
140	2025	ALT3	EB	NT	Ramp	OFF	University St Off-Ramp	94695	0.28	3018	86	3104	24	24	844	24	868
141	2025	ALT3	EB	NT	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	544	8	551	30	30	164	2	167
142	2025	ALT3	EB	NT	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1625	38	1663	33	33	447	10	457
143	2025	ALT3	EB	NT	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	932	15	947	30	30	351	5	357
144	2025	ALT3	EB	NT	HOT		LA County Line to Monte Vista	2664669	0.26	5518		5518	64	50	1414		1414

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
145	2025	ALT3	EB	NT	HOT		Monte Vista Ave Off-Ramp to M	2664669	0.68	5518		5518	64	50	3732		3732
146	2025	ALT3	EB	NT	HOT		Monte Vista Ave/Palo Verde St	2664669	0.03	5518		5518	64	50	161		161
147	2025	ALT3	EB	NT	HOT		Central Ave Off-Ramp to Centr	2664669	0.57	5518		5518	64	50	3156		3156
148	2025	ALT3	EB	NT	HOT		Central Ave On-Ramp to Moun	2664669	0.21	5518		5518	64	50	1148		1148
149	2025	ALT3	EB	NT	HOT		Mountain Ave Off-Ramp to Mc	2664669	0.34	5518		5518	64	50	1892		1892
150	2025	ALT3	EB	NT	HOT		Mountain Ave On-Ramp to Euc	2779098	0.48	5019		5019	64	50	2399		2399
151	2025	ALT3	EB	NT	HOT		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	5019		5019	64	50	3239		3239
152	2025	ALT3	EB	NT	HOT		Euclid Ave On-Ramp to San Ber	2779098	0.51	5019		5019	64	50	2569		2569
153	2025	ALT3	EB	NT	HOT		San Bernardino Ave/4th St Off-	2665612	0.17	4279		4279	64	50	736		736
154	2025	ALT3	EB	NT	HOT		San Bernardino Ave/4th St On-	2665612	0.33	4279		4279	64	50	1408		1408
155	2025	ALT3	EB	NT	HOT		Vineyard Ave Off-Ramp to Vine	2665612	0.24	4279		4279	64	50	1046		1046
156	2025	ALT3	EB	NT	HOT		Vineyard Ave On-Ramp to Arch	2665612	0.19	4279		4279	64	50	823		823
157	2025	ALT3	EB	NT	HOT		Archibald Ave Off-Ramp to Hol	2665612	0.34	4279		4279	64	50	1448		1448
158	2025	ALT3	EB	NT	HOT		Holt Blvd On-Ramp to Archibal	2665612	0.39	4279		4279	64	50	1669		1669
159	2025	ALT3	EB	NT	HOT		Archibald Ave On-Ramp to Hav	2665612	0.22	4279		4279	64	50	955		955
160	2025	ALT3	EB	NT	HOT		Haven Ave Off-Ramp to Haven	2665612	0.42	4279		4279	64	50	1780		1780
161	2025	ALT3	EB	NT	HOT		Haven Ave Loop On-Ramp to H	2778934	0.31	3251		3251	64	50	1015		1015
162	2025	ALT3	EB	NT	HOT		Haven Ave On-Ramp to Millike	2778934	0.22	3251		3251	64	50	729		729
163	2025	ALT3	EB	NT	HOT		Milliken Ave Off-Ramp to Milli	2778934	0.53	3251		3251	64	50	1724		1724
164	2025	ALT3	EB	NT	HOT		Milliken Ave Loop On-Ramp to	2778934	0.05	3251		3251	64	50	173		173
165	2025	ALT3	EB	NT	HOT		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	3251		3251	64	50	807		807
166	2025	ALT3	EB	NT	HOT		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	3251		3251	64	50	997		997
167	2025	ALT3	EB	NT	HOT		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	3251		3251	64	50	704		704
168	2025	ALT3	EB	NT	HOT		I-15 SB On-Ramp to Etiwanda /	2778934	0.14	3251		3251	64	50	458		458
169	2025	ALT3	EB	NT	HOT		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	3251		3251	64	50	4160		4160
170	2025	ALT3	EB	NT	HOT		Etiwanda Ave On-Ramp to Che	2778934	0.92	3251		3251	64	50	3006		3006
171	2025	ALT3	EB	NT	HOT		Cherry Ave Off-Ramp to Cherry	2760156	0.61	2795		2795	64	50	1703		1703
172	2025	ALT3	EB	NT	HOT		Cherry Ave On-Ramp to Beach	2760156	0.36	2795		2795	64	50	996		996
173	2025	ALT3	EB	NT	HOT		Beach Ave Off-Ramp to Beach	2760156	0.63	2795		2795	64	50	1770		1770
174	2025	ALT3	EB	NT	HOT		BeachAve On-Ramp to Citrus A	2760156	0.45	2795		2795	64	50	1252		1252
175	2025	ALT3	EB	NT	HOT		Citrus Ave Off-Ramp to Citrus /	2760156	0.54	2795		2795	64	50	1497		1497
176	2025	ALT3	EB	NT	HOT		Citrus Ave On-Ramp to Sierra A	2760156	0.47	2795		2795	64	50	1309		1309
177	2025	ALT3	EB	NT	HOT		Sierra Ave Off-Ramp to Sierra /	2760156	0.64	2795		2795	64	50	1781		1781
178	2025	ALT3	EB	NT	HOT		Sierra Ave On-Ramp to Alder A	2760156	0.31	2795		2795	64	50	864		864
179	2025	ALT3	EB	NT	HOT		Alder Ave Off-Ramp to Alder A	2779122	0.37	2302		2302	64	50	853		853
180	2025	ALT3	EB	NT	HOT		Alder Ave On-Ramp to Cedar A	2779122	0.50	2302		2302	64	50	1149		1149
181	2025	ALT3	EB	NT	HOT		Cedar Ave Off-Ramp to Cedar /	2779122	0.85	2302		2302	64	50	1954		1954
182	2025	ALT3	EB	NT	HOT		Cedar Ave On-Ramp to Riversic	2779122	0.80	2302		2302	64	50	1831		1831
183	2025	ALT3	EB	NT	HOT		Riverside Ave Off-Ramp to Rive	2779122	0.58	2302		2302	64	50	1328		1328
184	2025	ALT3	EB	NT	HOT		Riverside Ave On-Ramp to Pep	2779122	0.20	2302		2302	64	50	459		459
185	2025	ALT3	EB	NT	HOT		Pepper Ave Off-Ramp to Peppe	2779122	0.66	2302		2302	64	50	1519		1519
186	2025	ALT3	EB	NT	HOT		Pepper Ave On-Ramp to Ranch	2779122	0.26	2302		2302	64	50	600		600
187	2025	ALT3	EB	NT	HOT		Rancho Ave Off-Ramp to Ranch	2779122	0.41	2302		2302	64	50	949		949
188	2025	ALT3	EB	NT	HOT		Rancho Ave On-Ramp to La Ca	2779122	0.18	2302		2302	64	50	413		413
189	2025	ALT3	EB	NT	HOT		La Cadena Dr/9th St Off-Ramp	2779122	0.53	2302		2302	64	50	1219		1219
190	2025	ALT3	EB	NT	HOT		La Cadena Dr/9th St On-Ramp	2779122	0.03	2302		2302	64	50	65		65
191	2025	ALT3	EB	NT	HOT		Mt Vernon Ave Off-Ramp to M	2779128	0.61	2450		2450	64	50	1484		1484
192	2025	ALT3	EB	NT	HOT		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	2450		2450	64	50	119		119
193	2025	ALT3	EB	NT	HOT		I-215 Off-Ramp to I-215 NB On	2779128	0.94	2450		2450	64	50	2307		2307

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
194	2025	ALT3	EB	NT	HOT		I-215 NB On-Ramp to I-215 SB	2779128	0.11	2450		2450	64	50	269		269
195	2025	ALT3	EB	NT	HOT		I-215 SB On-Ramp to Redlands	2779128	0.13	2450		2450	64	50	317		317
196	2025	ALT3	EB	NT	HOT		Redlands Blvd Off-Ramp to Wa	2779128	0.11	2450		2450	64	50	266		266
197	2025	ALT3	EB	NT	HOT		Waterman Ave Off-Ramp to W	2779128	0.63	2450		2450	64	50	1547		1547
198	2025	ALT3	EB	NT	HOT		Waterman Ave On-Ramp to An	2779128	0.28	2450		2450	64	50	692		692
199	2025	ALT3	EB	NT	HOT		Anderson St Off-Ramp to Ande	2760301	0.40	3543		3543	64	50	1432		1432
200	2025	ALT3	EB	NT	HOT		Anderson St On-Ramp to Mour	2760301	0.21	3543		3543	64	50	737		737
201	2025	ALT3	EB	NT	HOT		Mountain View Ave Off-Ramp t	2760301	0.79	3543		3543	64	50	2800		2800
202	2025	ALT3	EB	NT	HOT		Mountain View Ave On-Ramp t	2760301	0.18	3543		3543	64	50	650		650
203	2025	ALT3	EB	NT	HOT		California St Off-Ramp to Califc	2760301	0.84	3543		3543	64	50	2981		2981
204	2025	ALT3	EB	NT	HOT		California St On-Ramp to Alaba	2731614	0.18	1956		1956	64	50	344		344
205	2025	ALT3	EB	NT	HOT		Alabama St Off-Ramp to SR-21	2731614	0.39	1956		1956	64	50	766		766
206	2025	ALT3	EB	NT	HOT		SR-210 NB Off-Ramp to Tennes	2731614	0.18	1956		1956	64	50	346		346
207	2025	ALT3	EB	NT	HOT		Tennessee St Off-Ramp to Ten	2731614	0.64	1956		1956	64	50	1258		1258
208	2025	ALT3	EB	NT	HOT		Tennessee St On-Ramp to SR-2	2731614	0.20	1956		1956	64	50	388		388
209	2025	ALT3	EB	NT	HOT		SR-210 SB On-Ramp to Eureka	2731614	0.05	1956		1956	64	50	99		99
210	2025	ALT3	EB	NT	HOT		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	1890		1890	64	50	814		814
211	2025	ALT3	EB	NT	HOT		Pearl Ave On-Ramp to Universi	2760225	0.30	1890		1890	64	50	562		562
212	2025	ALT3	EB	NT	HOT		University St Off-Ramp to Cypr	2760225	0.80	1890		1890	64	50	1503		1503
213	2025	ALT3	EB	NT	HOT		Cypress Ave On-Ramp to Ford	2760225	0.46	1890		1890	64	50	865		865
214	2025	ALT3	EB	NT	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2025	ALT3	EB	NT	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
216	2025	ALT3	WB	AM	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	23396	1485	24882	48	48	9409	597	10006
217	2025	ALT3	WB	AM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	21793	1473	23267	54	50	17026	1151	18177
218	2025	ALT3	WB	AM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	21604	1498	23101	54	50	10766	746	11512
219	2025	ALT3	WB	AM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	21109	1494	22603	51	50	15812	1119	16931
220	2025	ALT3	WB	AM	Mainline		University St On-Ramp to 6th S	23726	0.38	23402	1516	24918	48	48	8879	575	9454
221	2025	ALT3	WB	AM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	22087	1501	23588	51	50	7943	540	8483
222	2025	ALT3	WB	AM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	24007	1535	25542	54	50	8993	575	9568
223	2025	ALT3	WB	AM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	25366	1564	26930	52	50	4374	270	4644
224	2025	ALT3	WB	AM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	20935	1097	22032	54	50	5580	292	5872
225	2025	ALT3	WB	AM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	20115	1091	21206	55	50	3510	190	3700
226	2025	ALT3	WB	AM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	19341	1085	20427	59	50	15142	850	15991
227	2025	ALT3	WB	AM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	23215	1126	24341	59	50	6060	294	6354
228	2025	ALT3	WB	AM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	26795	1231	28026	60	50	3260	150	3410
229	2025	ALT3	WB	AM	Mainline		California St Off-Ramp to Califc	24044	0.86	22729	1218	23947	55	50	19591	1050	20641
230	2025	ALT3	WB	AM	Mainline		California St On-Ramp to Mour	24077	0.19	23855	1276	25131	59	50	4591	246	4836
231	2025	ALT3	WB	AM	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	21528	1251	22779	57	50	4790	278	5068
232	2025	ALT3	WB	AM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	23920	1317	25237	59	50	4945	272	5217
233	2025	ALT3	WB	AM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	22294	1313	23607	49	49	16888	995	17883
234	2025	ALT3	WB	AM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	23626	1348	24974	54	50	2635	150	2785
235	2025	ALT3	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	21779	1322	23101	50	50	10363	629	10993
236	2025	ALT3	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	22651	1391	24042	55	50	6383	392	6775
237	2025	ALT3	WB	AM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	11878	1014	12893	61	50	8345	713	9058
238	2025	ALT3	WB	AM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	12869	1047	13916	60	50	2693	219	2912
239	2025	ALT3	WB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	13329	1056	14385	60	50	2438	193	2632
240	2025	ALT3	WB	AM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	16724	1139	17862	60	50	3098	211	3309
241	2025	ALT3	WB	AM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	15582	1126	16708	59	50	11318	818	12137
242	2025	ALT3	WB	AM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	18589	1171	19760	60	50	861	54	915

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
243	2025	ALT3	WB	AM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	17356	1158	18514	58	50	10752	717	11469
244	2025	ALT3	WB	AM	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	18058	1183	19242	57	50	1591	104	1695
245	2025	ALT3	WB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	16886	1170	18056	58	50	9864	683	10547
246	2025	ALT3	WB	AM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	18440	1204	19644	57	50	7683	502	8185
247	2025	ALT3	WB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	17303	1184	18487	58	50	10289	704	10994
248	2025	ALT3	WB	AM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	18639	1205	19844	60	50	3173	205	3379
249	2025	ALT3	WB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	16831	1173	18003	61	50	9933	692	10625
250	2025	ALT3	WB	AM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	19345	1260	20605	59	50	16495	1074	17569
251	2025	ALT3	WB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	17515	1214	18728	57	50	12725	882	13607
252	2025	ALT3	WB	AM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	20198	1273	21472	59	50	10582	667	11249
253	2025	ALT3	WB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	20198	1273	21472	59	50	7578	478	8056
254	2025	ALT3	WB	AM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	19816	1273	21089	59	50	7167	460	7628
255	2025	ALT3	WB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	17888	1252	19139	57	50	12341	864	13205
256	2025	ALT3	WB	AM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	20064	1297	21360	59	50	7819	505	8324
257	2025	ALT3	WB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	18822	1265	20087	56	50	10146	682	10828
258	2025	ALT3	WB	AM	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	22213	1347	23561	60	50	9290	563	9853
259	2025	ALT3	WB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	21359	1320	22679	57	50	13468	832	14301
260	2025	ALT3	WB	AM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	23529	1384	24912	59	50	9280	546	9826
261	2025	ALT3	WB	AM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	20967	1304	22272	57	50	11541	718	12259
262	2025	ALT3	WB	AM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	22438	1464	23902	60	50	28451	1856	30307
263	2025	ALT3	WB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	21031	1410	22441	57	50	14281	958	15239
264	2025	ALT3	WB	AM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	22520	1546	24065	47	47	5862	402	6264
265	2025	ALT3	WB	AM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	23128	1620	24748	54	50	3078	216	3293
266	2025	ALT3	WB	AM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	18358	1497	19855	55	50	10414	849	11263
267	2025	ALT3	WB	AM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	24972	1957	26930	50	50	3320	260	3581
268	2025	ALT3	WB	AM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	28276	2214	30489	51	50	584	46	630
269	2025	ALT3	WB	AM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	25580	2142	27722	48	48	14846	1243	16089
270	2025	ALT3	WB	AM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	26610	2298	28908	45	45	6643	574	7216
271	2025	ALT3	WB	AM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	23958	2229	26187	40	40	9853	917	10770
272	2025	ALT3	WB	AM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	23505	2342	25848	41	41	6786	676	7462
273	2025	ALT3	WB	AM	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	24295	2393	26688	50	50	6641	654	7295
274	2025	ALT3	WB	AM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	23130	2372	25502	52	50	7505	770	8275
275	2025	ALT3	WB	AM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	19240	2241	21480	58	50	12037	1402	13439
276	2025	ALT3	WB	AM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	20645	2319	22964	60	50	3159	355	3514
277	2025	ALT3	WB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	19309	2294	21604	58	50	6982	830	7811
278	2025	ALT3	WB	AM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	20010	2401	22411	57	50	3808	457	4265
279	2025	ALT3	WB	AM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	20730	2419	23149	51	50	7543	880	8424
280	2025	ALT3	WB	AM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	19003	2381	21384	54	50	7383	925	8308
281	2025	ALT3	WB	AM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	22515	2489	25004	46	46	5832	645	6477
282	2025	ALT3	WB	AM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	19991	2453	22445	52	50	7965	977	8942
283	2025	ALT3	WB	AM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	21708	2482	24190	49	49	7796	891	8687
284	2025	ALT3	WB	AM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	23626	2510	26136	43	43	9992	1061	11054
285	2025	ALT3	WB	AM	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	21599	2369	23968	49	49	7050	773	7824
286	2025	ALT3	WB	AM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	23298	2396	25694	44	44	6393	657	7051
287	2025	ALT3	WB	AM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	21206	2298	23504	50	50	11164	1210	12374
288	2025	ALT3	WB	AM	Mainline		Central Ave On-Ramp to Mont	23492	0.05	23120	2338	25459	54	50	1167	118	1285
289	2025	ALT3	WB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	21644	2273	23916	49	49	12120	1273	13393
290	2025	ALT3	WB	AM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1603	12	1615	33	33	862	6	868
291	2025	ALT3	WB	AM	Ramp	ON	Ford St On-Ramp	94684	0.23	2771	24	2795	23	23	625	6	631

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
292	2025	ALT3	WB	AM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	495	4	499	33	33	137	1	138
293	2025	ALT3	WB	AM	Ramp	ON	University St On-Ramp	94674	0.21	2294	22	2315	9	9	485	5	489
294	2025	ALT3	WB	AM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1315	15	1330	21	21	348	4	352
295	2025	ALT3	WB	AM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	1928	34	1963	12	12	372	7	378
296	2025	ALT3	WB	AM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1359	29	1388	15	15	213	5	218
297	2025	ALT3	WB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	4431	467	4898	27	27	3831	404	4235
298	2025	ALT3	WB	AM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	820	6	826	25	25	55	0	56
299	2025	ALT3	WB	AM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	773	6	779	31	31	280	2	282
300	2025	ALT3	WB	AM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	3873	41	3914	29	29	3863	41	3904
301	2025	ALT3	WB	AM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	3581	104	3685	18	18	428	12	440
302	2025	ALT3	WB	AM	Ramp	OFF	California St Off-Ramp	94793	0.13	1734	13	1747	22	22	224	2	226
303	2025	ALT3	WB	AM	Ramp	ON	California St On-Ramp	2676730	0.11	1126	58	1184	28	28	129	7	136
304	2025	ALT3	WB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2327	25	2352	14	14	271	3	274
305	2025	ALT3	WB	AM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2147	66	2212	25	25	293	9	302
306	2025	ALT3	WB	AM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1626	4	1630	15	15	353	1	354
307	2025	ALT3	WB	AM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	1332	35	1367	14	14	165	4	169
308	2025	ALT3	WB	AM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1847	26	1873	12	12	451	6	457
309	2025	ALT3	WB	AM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	872	69	941	17	17	115	9	124
310	2025	ALT3	WB	AM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	10772	377	11149	19	19	1891	66	1957
311	2025	ALT3	WB	AM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	990	33	1023	16	16	327	11	338
312	2025	ALT3	WB	AM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	460	9	469	24	24	244	5	249
313	2025	ALT3	WB	AM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	3395	83	3478	32	32	1455	36	1490
314	2025	ALT3	WB	AM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1142	13	1154	23	23	276	3	279
315	2025	ALT3	WB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1448	45	1493	19	19	381	12	392
316	2025	ALT3	WB	AM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1233	13	1245	22	22	263	3	266
317	2025	ALT3	WB	AM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	702	25	727	18	18	220	8	228
318	2025	ALT3	WB	AM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1172	14	1186	22	22	314	4	318
319	2025	ALT3	WB	AM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1554	34	1589	19	19	495	11	506
320	2025	ALT3	WB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1137	20	1157	22	22	204	4	207
321	2025	ALT3	WB	AM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1337	21	1357	16	16	453	7	460
322	2025	ALT3	WB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	1809	32	1841	16	16	193	3	196
323	2025	ALT3	WB	AM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2515	87	2602	28	28	785	27	812
324	2025	ALT3	WB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1831	46	1877	27	27	239	6	245
325	2025	ALT3	WB	AM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2684	60	2743	16	16	1104	24	1128
326	2025	ALT3	WB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2025	ALT3	WB	AM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2025	ALT3	WB	AM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	1928	21	1949	27	27	224	2	226
329	2025	ALT3	WB	AM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2176	45	2221	18	18	533	11	544
330	2025	ALT3	WB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1241	31	1273	28	28	134	3	138
331	2025	ALT3	WB	AM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3391	82	3473	27	27	1014	25	1038
332	2025	ALT3	WB	AM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	855	27	882	34	34	250	8	258
333	2025	ALT3	WB	AM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2170	64	2234	28	28	749	22	771
334	2025	ALT3	WB	AM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	2561	79	2641	30	30	331	10	342
335	2025	ALT3	WB	AM	Ramp	ON	Cherry On-Ramp	95966	0.28	3723	159	3883	26	26	1042	45	1086
336	2025	ALT3	WB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1408	54	1461	25	25	713	27	740
337	2025	ALT3	WB	AM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1489	135	1624	28	28	287	26	313
338	2025	ALT3	WB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	608	75	683	29	29	223	27	250
339	2025	ALT3	WB	AM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	4770	123	4894	42	42	1344	35	1379
340	2025	ALT3	WB	AM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6614	461	7075	25	25	4162	290	4452

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
341	2025	ALT3	WB	AM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	3304	256	3560	19	19	3312	257	3569
342	2025	ALT3	WB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	2696	72	2767	22	22	542	14	557
343	2025	ALT3	WB	AM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	1030	156	1186	15	15	182	28	210
344	2025	ALT3	WB	AM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2652	69	2721	23	23	464	12	476
345	2025	ALT3	WB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	1123	113	1236	15	15	107	11	118
346	2025	ALT3	WB	AM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	790	50	840	17	17	153	10	163
347	2025	ALT3	WB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1165	21	1186	20	20	211	4	215
348	2025	ALT3	WB	AM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	3891	131	4022	24	24	2242	76	2318
349	2025	ALT3	WB	AM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	1405	79	1484	27	27	257	14	272
350	2025	ALT3	WB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	1336	25	1360	33	33	429	8	437
351	2025	ALT3	WB	AM	Ramp	OFF	Vineyard Ave Loop On-Ramp	1658018	0.16	701	107	808	18	18	112	17	129
352	2025	ALT3	WB	AM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	720	18	738	19	19	147	4	150
353	2025	ALT3	WB	AM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	1727	38	1766	27	27	437	10	447
354	2025	ALT3	WB	AM	Ramp	ON	4th St On-Ramp	2731498	0.26	3512	108	3620	13	13	904	28	932
355	2025	ALT3	WB	AM	Ramp	OFF	7th St Off-Ramp	94628	0.20	1356	36	1392	20	20	275	7	282
356	2025	ALT3	WB	AM	Ramp	OFF	Euclid Ave Loop On-Ramp	1658015	0.24	1717	29	1746	13	13	409	7	416
357	2025	ALT3	WB	AM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	1918	28	1945	12	12	725	11	735
358	2025	ALT3	WB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2027	141	2168	11	11	282	20	302
359	2025	ALT3	WB	AM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2012	26	2038	11	11	409	5	414
360	2025	ALT3	WB	AM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2092	98	2190	11	11	279	13	292
361	2025	ALT3	WB	AM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	1914	41	1955	12	12	232	5	237
362	2025	ALT3	WB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1476	66	1542	19	19	334	15	349
363	2025	ALT3	WB	AM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1429	19	1447	15	15	472	6	478
364	2025	ALT3	WB	AM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2025	ALT3	WB	AM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2025	ALT3	WB	AM	HOT		Ford St On-Ramp to Cypress Av	2731628	0.40	2961		2961	56	50	1191		1191
367	2025	ALT3	WB	AM	HOT		Cypress Ave Off-Ramp to Unive	2731628	0.78	2961		2961	56	50	2313		2313
368	2025	ALT3	WB	AM	HOT		University St On-Ramp to 6th S	2731628	0.50	2961		2961	56	50	1475		1475
369	2025	ALT3	WB	AM	HOT		6th St Off-Ramp to Orange St L	2731628	0.75	2961		2961	56	50	2218		2218
370	2025	ALT3	WB	AM	HOT		Orange St Loop On-Ramp to Or	2731626	0.38	2969		2969	56	50	1127		1127
371	2025	ALT3	WB	AM	HOT		Orange St On-Ramp to SR-210	2731626	0.36	2969		2969	56	50	1068		1068
372	2025	ALT3	WB	AM	HOT		SR-210 Off-Ramp to Tennessee	2731626	0.37	2969		2969	56	50	1112		1112
373	2025	ALT3	WB	AM	HOT		Tennessee St Off-Ramp to Alab	2731626	0.17	2969		2969	56	50	512		512
374	2025	ALT3	WB	AM	HOT		Alabama St Off-Ramp to SR-21	2731626	0.27	2969		2969	56	50	791		791
375	2025	ALT3	WB	AM	HOT		SR-210 SB On-Ramp to Alabam	2731626	0.17	2969		2969	56	50	518		518
376	2025	ALT3	WB	AM	HOT		Alabama St On-Ramp to Califor	2731626	0.78	2969		2969	56	50	2325		2325
377	2025	ALT3	WB	AM	HOT		California St Off-Ramp to Califc	2731613	0.26	5301		5301	57	50	1384		1384
378	2025	ALT3	WB	AM	HOT		California St On-Ramp to Mour	2731613	0.12	5301		5301	57	50	645		645
379	2025	ALT3	WB	AM	HOT		Mountain View Ave Off-Ramp t	2779137	0.86	5056		5056	58	50	4358		4358
380	2025	ALT3	WB	AM	HOT		Mountain View Ave On-Ramp t	2779137	0.19	5056		5056	58	50	973		973
381	2025	ALT3	WB	AM	HOT		Tippecanoe Ave Off-Ramp to T	2779137	0.22	5056		5056	58	50	1125		1125
382	2025	ALT3	WB	AM	HOT		Tippecanoe Ave On-Ramp to H	2779137	0.21	5056		5056	58	50	1045		1045
383	2025	ALT3	WB	AM	HOT		Hospitality Ln/ Carnegie Dr Off	2779137	0.76	5056		5056	58	50	3830		3830
384	2025	ALT3	WB	AM	HOT		Hospitality Ln/ Carnegie Dr On-	2779137	0.11	5056		5056	58	50	564		564
385	2025	ALT3	WB	AM	HOT		I-215 NB Off-Ramp to Sunwest	2779137	0.48	5056		5056	58	50	2406		2406
386	2025	ALT3	WB	AM	HOT		Sunwest Ln On-Ramp to I-215 I	2779137	0.28	5056		5056	58	50	1425		1425
387	2025	ALT3	WB	AM	HOT		I-215 NB On-Ramp to I-215 SB	2779137	0.70	5056		5056	58	50	3552		3552
388	2025	ALT3	WB	AM	HOT		I-215 SB On-Ramp to Sperry Dr	2779137	0.21	5056		5056	58	50	1058		1058
389	2025	ALT3	WB	AM	HOT		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.18	5056		5056	58	50	925		925

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
390	2025	ALT3	WB	AM	HOT		Mt Vernon Ave On-Ramp to 9t	2779131	0.19	3497		3497	61	50	648		648
391	2025	ALT3	WB	AM	HOT		9th St Off-Ramp to La Cadena [	2779131	0.73	3497		3497	61	50	2541		2541
392	2025	ALT3	WB	AM	HOT		La Cadena Dr On-Ramp to Ran	2779131	0.05	3497		3497	61	50	162		162
393	2025	ALT3	WB	AM	HOT		Rancho Ave Off-Ramp to Ranch	2779131	0.62	3497		3497	61	50	2167		2167
394	2025	ALT3	WB	AM	HOT		Rancho Ave On-Ramp to Peppe	2779131	0.09	3497		3497	61	50	308		308
395	2025	ALT3	WB	AM	HOT		Pepper Ave Off-Ramp to Peppe	2779131	0.58	3497		3497	61	50	2043		2043
396	2025	ALT3	WB	AM	HOT		Pepper Ave On-Ramp to Rivers	2779131	0.42	3497		3497	61	50	1457		1457
397	2025	ALT3	WB	AM	HOT		Riverside Ave Off-Ramp to Rive	2779131	0.59	3497		3497	61	50	2080		2080
398	2025	ALT3	WB	AM	HOT		Riverside Ave On-Ramp to Ced	2779131	0.17	3497		3497	61	50	595		595
399	2025	ALT3	WB	AM	HOT		Cedar Ave Off-Ramp to Cedar A	2779131	0.59	3497		3497	61	50	2064		2064
400	2025	ALT3	WB	AM	HOT		Cedar Ave On-Ramp to Alder A	2779131	0.85	3497		3497	61	50	2982		2982
401	2025	ALT3	WB	AM	HOT		Alder Ave Off-Ramp to Alder A	2731555	0.73	3880		3880	60	50	2819		2819
402	2025	ALT3	WB	AM	HOT		Alder Ave On-Ramp to Alder Av	2731555	0.52	3880		3880	60	50	2033		2033
403	2025	ALT3	WB	AM	HOT		Sierra Ave Off-Ramp to Sierra A	2731555	0.38	3880		3880	60	50	1456		1456
404	2025	ALT3	WB	AM	HOT		Sierra Ave On-Ramp to Citrus A	2731555	0.36	3880		3880	60	50	1403		1403
405	2025	ALT3	WB	AM	HOT		Citrus Ave Off-Ramp to Citrus A	2731555	0.69	3880		3880	60	50	2677		2677
406	2025	ALT3	WB	AM	HOT		Citrus Ave On-Ramp to Beach (	2731555	0.39	3880		3880	60	50	1512		1512
407	2025	ALT3	WB	AM	HOT		Beach Ave Off-Ramp to Beach	2731555	0.54	3880		3880	60	50	2092		2092
408	2025	ALT3	WB	AM	HOT		Beach Ave On-Ramp to Cherry	2731555	0.42	3880		3880	60	50	1623		1623
409	2025	ALT3	WB	AM	HOT		Cherry Off-Ramp to Cherry On-	2731555	0.63	3880		3880	60	50	2447		2447
410	2025	ALT3	WB	AM	HOT		Cherry On-Ramp to Etiwanda A	2779119	0.39	6133		6133	56	50	2419		2419
411	2025	ALT3	WB	AM	HOT		Etiwanda Ave Off-Ramp to Etiv	2779119	0.55	6133		6133	56	50	3376		3376
412	2025	ALT3	WB	AM	HOT		Etiwanda Ave Loop On-Ramp t	2779119	1.27	6133		6133	56	50	7776		7776
413	2025	ALT3	WB	AM	HOT		Etiwanda Ave On-Ramp to I-15	2779119	0.68	6133		6133	56	50	4165		4165
414	2025	ALT3	WB	AM	HOT		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.26	6133		6133	56	50	1596		1596
415	2025	ALT3	WB	AM	HOT		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	6133		6133	56	50	816		816
416	2025	ALT3	WB	AM	HOT		I-15 NB On-Ramp to Milliken A	2779119	0.57	6133		6133	56	50	3479		3479
417	2025	ALT3	WB	AM	HOT		Milliken Ave Off-Ramp to Millik	2779119	0.13	6133		6133	56	50	815		815
418	2025	ALT3	WB	AM	HOT		Milliken Ave On-Ramp to Have	2779119	0.02	6133		6133	56	50	127		127
419	2025	ALT3	WB	AM	HOT		Haven Ave Off-Ramp to Haven	2779119	0.58	6133		6133	56	50	3559		3559
420	2025	ALT3	WB	AM	HOT		Haven Ave Loop On-Ramp to H	2779113	0.25	7708		7708	57	50	1924		1924
421	2025	ALT3	WB	AM	HOT		Haven Ave On-Ramp to Archiba	2779113	0.41	7708		7708	57	50	3170		3170
422	2025	ALT3	WB	AM	HOT		Archibald Ave Off-Ramp to Hol	2779113	0.29	7708		7708	57	50	2225		2225
423	2025	ALT3	WB	AM	HOT		Holt Blvd Off-Ramp to Archibal	2779113	0.27	7708		7708	57	50	2107		2107
424	2025	ALT3	WB	AM	HOT		Archibald Ave On-Ramp to Vine	2779113	0.32	7708		7708	57	50	2501		2501
425	2025	ALT3	WB	AM	HOT		Vineyard Ave Off-Ramp to Vine	2779113	0.63	7708		7708	57	50	4822		4822
426	2025	ALT3	WB	AM	HOT		Vineyard Ave Loop On-Ramp to	2779113	0.15	7708		7708	57	50	1179		1179
427	2025	ALT3	WB	AM	HOT		Vineyard Ave On-Ramp to 4th S	2779113	0.36	7708		7708	57	50	2787		2787
428	2025	ALT3	WB	AM	HOT		4th St Off-Ramp to 4th St On-R	2779113	0.19	7708		7708	57	50	1467		1467
429	2025	ALT3	WB	AM	HOT		4th St On-Ramp to 7th St Off-R	2779113	0.36	7708		7708	57	50	2805		2805
430	2025	ALT3	WB	AM	HOT		7th St Off-Ramp to Euclid Ave I	2779107	0.39	8875		8875	49	49	3448		3448
431	2025	ALT3	WB	AM	HOT		Euclid Ave Loop On-Ramp to Eu	2779107	0.26	8875		8875	49	49	2299		2299
432	2025	ALT3	WB	AM	HOT		Euclid Ave On-Ramp to Mounta	2779107	0.40	8875		8875	49	49	3536		3536
433	2025	ALT3	WB	AM	HOT		Mountain Ave Off-Ramp to Mo	2760177	0.36	9187		9187	48	48	3299		3299
434	2025	ALT3	WB	AM	HOT		Mountain Ave On-Ramp to Cer	2760177	0.42	9187		9187	48	48	3885		3885
435	2025	ALT3	WB	AM	HOT		Central Ave Off-Ramp to Centr	2760177	0.33	9187		9187	48	48	2999		2999
436	2025	ALT3	WB	AM	HOT		Central Ave On-Ramp to Mont	2760177	0.27	9187		9187	48	48	2521		2521
437	2025	ALT3	WB	AM	HOT		Monte Vista Ave Off-Ramp to M	2760177	0.53	9187		9187	48	48	4837		4837
216	2025	ALT3	WB	MD	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	29361	3333	32694	60	50	11808	1340	13148

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
217	2025	ALT3	WB	MD	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	27768	3310	31078	61	50	21693	2586	24279
218	2025	ALT3	WB	MD	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	27521	3378	30899	61	50	13714	1683	15398
219	2025	ALT3	WB	MD	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	26717	3366	30083	60	50	20013	2521	22534
220	2025	ALT3	WB	MD	Mainline		University St On-Ramp to 6th S	23726	0.38	30693	3457	34150	59	50	11646	1312	12957
221	2025	ALT3	WB	MD	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	28786	3412	32199	59	50	10353	1227	11580
222	2025	ALT3	WB	MD	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	32607	3485	36092	60	50	12214	1305	13520
223	2025	ALT3	WB	MD	Mainline		Orange St On-Ramp to SR-210	24215	0.17	34521	3579	38100	60	50	5953	617	6570
224	2025	ALT3	WB	MD	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	27189	2351	29540	60	50	7246	627	7873
225	2025	ALT3	WB	MD	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	25961	2333	28294	61	50	4530	407	4937
226	2025	ALT3	WB	MD	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	25036	2317	27353	62	50	19600	1814	21414
227	2025	ALT3	WB	MD	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	29149	2421	31570	63	50	7609	632	8241
228	2025	ALT3	WB	MD	Mainline		Alabama St On-Ramp to Califor	24057	0.12	36165	2696	38861	63	50	4400	328	4728
229	2025	ALT3	WB	MD	Mainline		California St Off-Ramp to Califc	24044	0.86	31701	2664	34365	61	50	27325	2296	29621
230	2025	ALT3	WB	MD	Mainline		California St On-Ramp to Mour	24077	0.19	34881	2829	37711	62	50	6713	544	7257
231	2025	ALT3	WB	MD	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	31933	2759	34692	61	50	7105	614	7719
232	2025	ALT3	WB	MD	Mainline		Mountain View Ave On-Ramp t	23990	0.21	35870	2942	38812	62	50	7415	608	8023
233	2025	ALT3	WB	MD	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	33992	2923	36915	56	50	25750	2215	27965
234	2025	ALT3	WB	MD	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	37517	3017	40534	58	50	4184	336	4520
235	2025	ALT3	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	34896	2936	37833	56	50	16605	1397	18002
236	2025	ALT3	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	37717	3096	40813	58	50	10628	872	11501
237	2025	ALT3	WB	MD	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	20079	2012	22091	61	50	14107	1413	15520
238	2025	ALT3	WB	MD	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	22266	2095	24362	61	50	4659	438	5098
239	2025	ALT3	WB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	22893	2117	25010	61	50	4188	387	4575
240	2025	ALT3	WB	MD	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	29616	2344	31960	61	50	5486	434	5921
241	2025	ALT3	WB	MD	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	27497	2311	29808	60	50	19974	1679	21652
242	2025	ALT3	WB	MD	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	30085	2416	32501	61	50	1394	112	1506
243	2025	ALT3	WB	MD	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	27641	2384	30025	60	50	17123	1477	18600
244	2025	ALT3	WB	MD	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	28950	2444	31394	60	50	2550	215	2766
245	2025	ALT3	WB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	27072	2398	29470	60	50	15815	1401	17215
246	2025	ALT3	WB	MD	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	29184	2474	31658	60	50	12160	1031	13190
247	2025	ALT3	WB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	26569	2423	28992	60	50	15800	1441	17241
248	2025	ALT3	WB	MD	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	28532	2483	31016	62	50	4858	423	5280
249	2025	ALT3	WB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	25386	2388	27774	62	50	14983	1409	16392
250	2025	ALT3	WB	MD	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	29201	2590	31791	61	50	24898	2208	27107
251	2025	ALT3	WB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	25342	2474	27816	61	50	18412	1797	20209
252	2025	ALT3	WB	MD	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	28812	2643	31455	62	50	15094	1385	16479
253	2025	ALT3	WB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	28812	2643	31455	62	50	10810	992	11802
254	2025	ALT3	WB	MD	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	29208	2643	31851	61	50	10564	956	11520
255	2025	ALT3	WB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	25746	2582	28328	61	50	17763	1781	19544
256	2025	ALT3	WB	MD	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	29322	2704	32027	61	50	11427	1054	12480
257	2025	ALT3	WB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	26975	2626	29601	60	50	14540	1415	15956
258	2025	ALT3	WB	MD	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	31106	2814	33919	63	50	13009	1177	14185
259	2025	ALT3	WB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	29868	2744	32612	61	50	18834	1730	20564
260	2025	ALT3	WB	MD	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	32925	2921	35846	62	50	12987	1152	14139
261	2025	ALT3	WB	MD	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	29682	2734	32416	61	50	16338	1505	17843
262	2025	ALT3	WB	MD	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	31725	3163	34889	62	50	40226	4011	44237
263	2025	ALT3	WB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	29539	3025	32564	61	50	20059	2054	22113
264	2025	ALT3	WB	MD	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	33089	3393	36482	56	50	8613	883	9496
265	2025	ALT3	WB	MD	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	34109	3584	37694	59	50	4539	477	5016

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
266	2025	ALT3	WB	MD	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	26551	3172	29724	59	50	15062	1800	16862
267	2025	ALT3	WB	MD	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	36845	4074	40919	58	50	4899	542	5441
268	2025	ALT3	WB	MD	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	42906	4722	47628	58	50	886	98	984
269	2025	ALT3	WB	MD	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	39373	4546	43919	57	50	22851	2638	25490
270	2025	ALT3	WB	MD	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	42949	4825	47774	55	50	10721	1205	11926
271	2025	ALT3	WB	MD	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	40240	4655	44894	50	50	16549	1914	18463
272	2025	ALT3	WB	MD	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	37214	4937	42151	53	50	10744	1425	12169
273	2025	ALT3	WB	MD	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	39300	5058	44359	56	50	10742	1383	12125
274	2025	ALT3	WB	MD	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	37677	4989	42665	57	50	12225	1619	13844
275	2025	ALT3	WB	MD	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	31550	4642	36192	60	50	19738	2904	22642
276	2025	ALT3	WB	MD	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	34767	4862	39629	61	50	5320	744	6063
277	2025	ALT3	WB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	31822	4787	36609	60	50	11506	1731	13237
278	2025	ALT3	WB	MD	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	34268	5072	39340	59	50	6521	965	7487
279	2025	ALT3	WB	MD	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	35590	5108	40698	55	50	12950	1859	14809
280	2025	ALT3	WB	MD	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	31581	5004	36586	57	50	12270	1944	14214
281	2025	ALT3	WB	MD	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	37287	5386	42673	54	50	9659	1395	11055
282	2025	ALT3	WB	MD	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	34154	5294	39448	56	50	13607	2109	15716
283	2025	ALT3	WB	MD	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	36220	5369	41589	55	50	13007	1928	14935
284	2025	ALT3	WB	MD	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	39400	5460	44861	52	50	16664	2309	18973
285	2025	ALT3	WB	MD	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	35777	5286	41063	55	50	11678	1725	13404
286	2025	ALT3	WB	MD	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	38635	5389	44024	53	50	10601	1479	12080
287	2025	ALT3	WB	MD	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	34763	5280	40043	56	50	18301	2780	21081
288	2025	ALT3	WB	MD	Mainline		Central Ave On-Ramp to Monte	23492	0.05	38482	5421	43903	58	50	1942	274	2215
289	2025	ALT3	WB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	36353	5287	41640	55	50	20357	2961	23318
290	2025	ALT3	WB	MD	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1593	23	1616	34	34	856	13	869
291	2025	ALT3	WB	MD	Ramp	ON	Ford St On-Ramp	94684	0.23	3345	68	3413	26	26	755	15	770
292	2025	ALT3	WB	MD	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	804	12	816	33	33	223	3	226
293	2025	ALT3	WB	MD	Ramp	ON	University St On-Ramp	94674	0.21	3976	91	4067	11	11	841	19	860
294	2025	ALT3	WB	MD	Ramp	OFF	6th St Off-Ramp	94690	0.26	1907	45	1952	24	24	505	12	517
295	2025	ALT3	WB	MD	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3828	73	3901	12	12	738	14	752
296	2025	ALT3	WB	MD	Ramp	ON	Orange St On-Ramp	2676749	0.16	1914	94	2008	17	17	300	15	315
297	2025	ALT3	WB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	7332	1228	8560	27	27	6339	1062	7401
298	2025	ALT3	WB	MD	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	1228	18	1246	26	26	83	1	84
299	2025	ALT3	WB	MD	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	925	16	941	33	33	335	6	340
300	2025	ALT3	WB	MD	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4113	104	4218	29	29	4103	104	4207
301	2025	ALT3	WB	MD	Ramp	ON	Alabama St On-Ramp	2676731	0.12	7016	275	7291	19	19	838	33	871
302	2025	ALT3	WB	MD	Ramp	OFF	California St Off-Ramp	94793	0.13	1501	32	1534	31	31	194	4	198
303	2025	ALT3	WB	MD	Ramp	ON	California St On-Ramp	2676730	0.11	3180	166	3346	26	26	364	19	383
304	2025	ALT3	WB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2949	70	3019	25	25	344	8	352
305	2025	ALT3	WB	MD	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	4016	183	4199	25	25	548	25	573
306	2025	ALT3	WB	MD	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1879	18	1897	22	22	408	4	412
307	2025	ALT3	WB	MD	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3525	93	3619	12	12	436	12	447
308	2025	ALT3	WB	MD	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	2621	80	2701	18	18	640	20	659
309	2025	ALT3	WB	MD	Ramp	ON	Hospitality Ln/ Carnegie Dr On-	2676734	0.13	2821	159	2980	14	14	371	21	392
310	2025	ALT3	WB	MD	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	17638	1084	18722	28	28	3096	190	3287
311	2025	ALT3	WB	MD	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2187	84	2271	16	16	722	28	749
312	2025	ALT3	WB	MD	Ramp	ON	I-215 NB On-Ramp	24504	0.53	627	22	648	25	25	333	12	344
313	2025	ALT3	WB	MD	Ramp	ON	I-215 SB On-Ramp	24517	0.43	6723	227	6950	32	32	2882	97	2979
314	2025	ALT3	WB	MD	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2119	33	2152	23	23	511	8	519

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
315	2025	ALT3	WB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2642	105	2747	19	19	694	28	722
316	2025	ALT3	WB	MD	Ramp	OFF	9th St Off-Ramp	94928	0.21	2445	32	2477	22	22	522	7	529
317	2025	ALT3	WB	MD	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1310	60	1369	18	18	410	19	429
318	2025	ALT3	WB	MD	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1878	46	1924	24	24	503	12	515
319	2025	ALT3	WB	MD	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2112	76	2188	19	19	673	24	697
320	2025	ALT3	WB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2615	50	2665	21	21	469	9	478
321	2025	ALT3	WB	MD	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1963	60	2023	17	17	666	20	686
322	2025	ALT3	WB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	3146	95	3241	18	18	336	10	346
323	2025	ALT3	WB	MD	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	3815	202	4017	28	28	1191	63	1254
324	2025	ALT3	WB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	3859	116	3975	27	27	505	15	520
325	2025	ALT3	WB	MD	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3469	169	3638	18	18	1427	70	1497
326	2025	ALT3	WB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2025	ALT3	WB	MD	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2025	ALT3	WB	MD	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3462	61	3523	27	27	402	7	409
329	2025	ALT3	WB	MD	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	3576	122	3699	18	18	876	30	906
330	2025	ALT3	WB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2347	78	2425	28	28	254	8	262
331	2025	ALT3	WB	MD	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	4131	187	4318	28	28	1235	56	1291
332	2025	ALT3	WB	MD	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1238	70	1307	34	34	362	20	382
333	2025	ALT3	WB	MD	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	3057	177	3234	29	29	1055	61	1117
334	2025	ALT3	WB	MD	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3243	186	3430	32	32	420	24	444
335	2025	ALT3	WB	MD	Ramp	ON	Cherry On-Ramp	95966	0.28	4798	429	5227	28	28	1342	120	1462
336	2025	ALT3	WB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	2187	138	2325	28	28	1108	70	1178
337	2025	ALT3	WB	MD	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	3550	368	3919	25	25	683	71	754
338	2025	ALT3	WB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	1020	191	1212	29	29	374	70	444
339	2025	ALT3	WB	MD	Ramp	OFF	I-15 Off-Ramp	24554	0.28	7558	412	7970	44	44	2129	116	2245
340	2025	ALT3	WB	MD	Ramp	ON	I-15 SB On-Ramp	23554	0.63	10294	901	11195	28	28	6477	567	7045
341	2025	ALT3	WB	MD	Ramp	ON	I-15 NB On-Ramp	23572	1.00	6061	648	6709	20	20	6077	650	6726
342	2025	ALT3	WB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	3533	176	3708	26	26	711	35	746
343	2025	ALT3	WB	MD	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	3575	279	3855	10	10	632	49	681
344	2025	ALT3	WB	MD	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2709	171	2880	27	27	474	30	504
345	2025	ALT3	WB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2061	283	2344	15	15	197	27	224
346	2025	ALT3	WB	MD	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	2087	121	2208	16	16	405	23	428
347	2025	ALT3	WB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1623	70	1693	23	23	295	13	307
348	2025	ALT3	WB	MD	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	6127	347	6473	28	28	3531	200	3731
349	2025	ALT3	WB	MD	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	3217	220	3437	26	26	589	40	629
350	2025	ALT3	WB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2945	74	3020	33	33	947	24	971
351	2025	ALT3	WB	MD	Ramp	OFF	Vineyard Ave Loop On-Ramp	1658018	0.16	2446	285	2731	15	15	389	45	435
352	2025	ALT3	WB	MD	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1322	36	1358	19	19	269	7	276
353	2025	ALT3	WB	MD	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	4008	104	4112	26	26	1014	26	1040
354	2025	ALT3	WB	MD	Ramp	ON	4th St On-Ramp	2731498	0.26	5706	382	6087	15	15	1469	98	1568
355	2025	ALT3	WB	MD	Ramp	OFF	7th St Off-Ramp	94628	0.20	2673	92	2765	20	20	542	19	561
356	2025	ALT3	WB	MD	Ramp	OFF	Euclid Ave Loop On-Ramp	1658015	0.24	2066	75	2141	17	17	492	18	510
357	2025	ALT3	WB	MD	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	3180	91	3272	14	14	1202	34	1236
358	2025	ALT3	WB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3623	174	3797	15	15	504	24	528
359	2025	ALT3	WB	MD	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	3317	103	3420	14	14	674	21	695
360	2025	ALT3	WB	MD	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	3872	109	3981	14	14	517	15	531
361	2025	ALT3	WB	MD	Ramp	ON	Central Ave On-Ramp	2668754	0.12	3719	142	3861	12	12	450	17	467
362	2025	ALT3	WB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2129	134	2263	23	23	482	30	512
363	2025	ALT3	WB	MD	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2700	63	2764	15	15	892	21	913

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
364	2025	ALT3	WB	MD	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2025	ALT3	WB	MD	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2025	ALT3	WB	MD	HOT		Ford St On-Ramp to Cypress Av	2731628	0.40	3592		3592	61	50	1610		1610
367	2025	ALT3	WB	MD	HOT		Cypress Ave Off-Ramp to Unive	2731628	0.78	3592		3592	61	50	1610		1610
368	2025	ALT3	WB	MD	HOT		University St On-Ramp to 6th S	2731628	0.50	3592		3592	61	50	1610		1610
369	2025	ALT3	WB	MD	HOT		6th St Off-Ramp to Orange St L	2731628	0.75	3592		3592	61	50	1610		1610
370	2025	ALT3	WB	MD	HOT		Orange St Loop On-Ramp to Or	2731626	0.38	3600		3600	61	50	1213		1213
371	2025	ALT3	WB	MD	HOT		Orange St On-Ramp to SR-210	2731626	0.36	3600		3600	61	50	1213		1213
372	2025	ALT3	WB	MD	HOT		SR-210 Off-Ramp to Tennessee	2731626	0.37	3600		3600	61	50	1213		1213
373	2025	ALT3	WB	MD	HOT		Tennessee St Off-Ramp to Alab	2731626	0.17	3600		3600	61	50	1213		1213
374	2025	ALT3	WB	MD	HOT		Alabama St Off-Ramp to SR-21	2731626	0.27	3600		3600	61	50	1213		1213
375	2025	ALT3	WB	MD	HOT		SR-210 SB On-Ramp to Alabam	2731626	0.17	3600		3600	61	50	1213		1213
376	2025	ALT3	WB	MD	HOT		Alabama St On-Ramp to Califor	2731626	0.78	3600		3600	61	50	1213		1213
377	2025	ALT3	WB	MD	HOT		California St Off-Ramp to Califc	2731613	0.26	6562		6562	61	50	5480		5480
378	2025	ALT3	WB	MD	HOT		California St On-Ramp to Mour	2731613	0.12	6562		6562	61	50	5480		5480
379	2025	ALT3	WB	MD	HOT		Mountain View Ave Off-Ramp t	2779137	0.86	6641		6641	61	50	3274		3274
380	2025	ALT3	WB	MD	HOT		Mountain View Ave On-Ramp t	2779137	0.19	6641		6641	61	50	3274		3274
381	2025	ALT3	WB	MD	HOT		Tippecanoe Ave Off-Ramp to T	2779137	0.22	6641		6641	61	50	3274		3274
382	2025	ALT3	WB	MD	HOT		Tippecanoe Ave On-Ramp to H	2779137	0.21	6641		6641	61	50	3274		3274
383	2025	ALT3	WB	MD	HOT		Hospitality Ln/ Carnegie Dr Off	2779137	0.76	6641		6641	61	50	3274		3274
384	2025	ALT3	WB	MD	HOT		Hospitality Ln/ Carnegie Dr On-	2779137	0.11	6641		6641	61	50	3274		3274
385	2025	ALT3	WB	MD	HOT		I-215 NB Off-Ramp to Sunwest	2779137	0.48	6641		6641	61	50	3274		3274
386	2025	ALT3	WB	MD	HOT		Sunwest Ln On-Ramp to I-215 I	2779137	0.28	6641		6641	61	50	3274		3274
387	2025	ALT3	WB	MD	HOT		I-215 NB On-Ramp to I-215 SB	2779137	0.70	6641		6641	61	50	3274		3274
388	2025	ALT3	WB	MD	HOT		I-215 SB On-Ramp to Sperry Dr	2779137	0.21	6641		6641	61	50	3274		3274
389	2025	ALT3	WB	MD	HOT		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.18	6641		6641	61	50	3274		3274
390	2025	ALT3	WB	MD	HOT		Mt Vernon Ave On-Ramp to 9t	2779131	0.19	6695		6695	61	50	3913		3913
391	2025	ALT3	WB	MD	HOT		9th St Off-Ramp to La Cadena I	2779131	0.73	6695		6695	61	50	3913		3913
392	2025	ALT3	WB	MD	HOT		La Cadena Dr On-Ramp to Ranc	2779131	0.05	6695		6695	61	50	3913		3913
393	2025	ALT3	WB	MD	HOT		Rancho Ave Off-Ramp to Ranch	2779131	0.62	6695		6695	61	50	3913		3913
394	2025	ALT3	WB	MD	HOT		Rancho Ave On-Ramp to Peppe	2779131	0.09	6695		6695	61	50	3913		3913
395	2025	ALT3	WB	MD	HOT		Pepper Ave Off-Ramp to Peppe	2779131	0.58	6695		6695	61	50	3913		3913
396	2025	ALT3	WB	MD	HOT		Pepper Ave On-Ramp to Rivers	2779131	0.42	6695		6695	61	50	3913		3913
397	2025	ALT3	WB	MD	HOT		Riverside Ave Off-Ramp to Rive	2779131	0.59	6695		6695	61	50	3913		3913
398	2025	ALT3	WB	MD	HOT		Riverside Ave On-Ramp to Ced	2779131	0.17	6695		6695	61	50	3913		3913
399	2025	ALT3	WB	MD	HOT		Cedar Ave Off-Ramp to Cedar A	2779131	0.59	6695		6695	61	50	3913		3913
400	2025	ALT3	WB	MD	HOT		Cedar Ave On-Ramp to Alder A	2779131	0.85	6695		6695	61	50	3913		3913
401	2025	ALT3	WB	MD	HOT		Alder Ave Off-Ramp to Alder A	2731555	0.73	6298		6298	61	50	2054		2054
402	2025	ALT3	WB	MD	HOT		Alder Ave On-Ramp to Alder Av	2731555	0.52	6298		6298	61	50	2054		2054
403	2025	ALT3	WB	MD	HOT		Sierra Ave Off-Ramp to Sierra A	2731555	0.38	6298		6298	61	50	2054		2054
404	2025	ALT3	WB	MD	HOT		Sierra Ave On-Ramp to Citrus A	2731555	0.36	6298		6298	61	50	2054		2054
405	2025	ALT3	WB	MD	HOT		Citrus Ave Off-Ramp to Citrus A	2731555	0.69	6298		6298	61	50	2054		2054
406	2025	ALT3	WB	MD	HOT		Citrus Ave On-Ramp to Beach C	2731555	0.39	6298		6298	61	50	2054		2054
407	2025	ALT3	WB	MD	HOT		Beach Ave Off-Ramp to Beach	2731555	0.54	6298		6298	61	50	2054		2054
408	2025	ALT3	WB	MD	HOT		Beach Ave On-Ramp to Cherry	2731555	0.42	6298		6298	61	50	2054		2054
409	2025	ALT3	WB	MD	HOT		Cherry Off-Ramp to Cherry On-	2731555	0.63	6298		6298	61	50	2054		2054
410	2025	ALT3	WB	MD	HOT		Cherry On-Ramp to Etiwanda A	2779119	0.39	9053		9053	59	50	5210		5210
411	2025	ALT3	WB	MD	HOT		Etiwanda Ave Off-Ramp to Etiv	2779119	0.55	9053		9053	59	50	5210		5210
412	2025	ALT3	WB	MD	HOT		Etiwanda Ave Loop On-Ramp t	2779119	1.27	9053		9053	59	50	5210		5210

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
413	2025	ALT3	WB	MD	HOT		Etiwanda Ave On-Ramp to I-15	2779119	0.68	9053		9053	59	50	5210		5210
414	2025	ALT3	WB	MD	HOT		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.26	9053		9053	59	50	5210		5210
415	2025	ALT3	WB	MD	HOT		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	9053		9053	59	50	5210		5210
416	2025	ALT3	WB	MD	HOT		I-15 NB On-Ramp to Milliken A	2779119	0.57	9053		9053	59	50	5210		5210
417	2025	ALT3	WB	MD	HOT		Milliken Ave Off-Ramp to Millik	2779119	0.13	9053		9053	59	50	5210		5210
418	2025	ALT3	WB	MD	HOT		Milliken Ave On-Ramp to Have	2779119	0.02	9053		9053	59	50	5210		5210
419	2025	ALT3	WB	MD	HOT		Haven Ave Off-Ramp to Haven	2779119	0.58	9053		9053	59	50	5210		5210
420	2025	ALT3	WB	MD	HOT		Haven Ave Loop On-Ramp to H	2779113	0.25	14141		14141	58	50	7421		7421
421	2025	ALT3	WB	MD	HOT		Haven Ave On-Ramp to Archiba	2779113	0.41	14141		14141	58	50	7421		7421
422	2025	ALT3	WB	MD	HOT		Archibald Ave Off-Ramp to Hol	2779113	0.29	14141		14141	58	50	7421		7421
423	2025	ALT3	WB	MD	HOT		Holt Blvd Off-Ramp to Archibal	2779113	0.27	14141		14141	58	50	7421		7421
424	2025	ALT3	WB	MD	HOT		Archibald Ave On-Ramp to Vine	2779113	0.32	14141		14141	58	50	7421		7421
425	2025	ALT3	WB	MD	HOT		Vineyard Ave Off-Ramp to Vine	2779113	0.63	14141		14141	58	50	7421		7421
426	2025	ALT3	WB	MD	HOT		Vineyard Ave Loop On-Ramp to	2779113	0.15	14141		14141	58	50	7421		7421
427	2025	ALT3	WB	MD	HOT		Vineyard Ave On-Ramp to 4th S	2779113	0.36	14141		14141	58	50	7421		7421
428	2025	ALT3	WB	MD	HOT		4th St Off-Ramp to 4th St On-R	2779113	0.19	14141		14141	58	50	7421		7421
429	2025	ALT3	WB	MD	HOT		4th St On-Ramp to 7th St Off-R	2779113	0.36	14141		14141	58	50	7421		7421
430	2025	ALT3	WB	MD	HOT		7th St Off-Ramp to Euclid Ave I	2779107	0.39	14601		14601	54	50	5810		5810
431	2025	ALT3	WB	MD	HOT		Euclid Ave Loop On-Ramp to Eu	2779107	0.26	14601		14601	54	50	5810		5810
432	2025	ALT3	WB	MD	HOT		Euclid Ave On-Ramp to Mounta	2779107	0.40	14601		14601	54	50	5810		5810
433	2025	ALT3	WB	MD	HOT		Mountain Ave Off-Ramp to Mo	2760177	0.36	15061		15061	53	50	3152		3152
434	2025	ALT3	WB	MD	HOT		Mountain Ave On-Ramp to Cen	2760177	0.42	15061		15061	53	50	3152		3152
435	2025	ALT3	WB	MD	HOT		Central Ave Off-Ramp to Centr	2760177	0.33	15061		15061	53	50	3152		3152
436	2025	ALT3	WB	MD	HOT		Central Ave On-Ramp to Monte	2760177	0.27	15061		15061	53	50	3152		3152
437	2025	ALT3	WB	MD	HOT		Monte Vista Ave Off-Ramp to M	2760177	0.53	15061		15061	53	50	3152		3152
216	2025	ALT3	WB	PM	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	20996	2099	23095	60	50	8444	844	9288
217	2025	ALT3	WB	PM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	19801	2086	21887	61	50	15469	1629	17099
218	2025	ALT3	WB	PM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	19739	2130	21869	61	50	9836	1061	10898
219	2025	ALT3	WB	PM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	19109	2123	21232	59	50	14314	1590	15904
220	2025	ALT3	WB	PM	Mainline		University St On-Ramp to 6th S	23726	0.38	22006	2183	24188	58	50	8349	828	9177
221	2025	ALT3	WB	PM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	20617	2153	22770	59	50	7415	774	8189
222	2025	ALT3	WB	PM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	23667	2188	25855	60	50	8866	820	9685
223	2025	ALT3	WB	PM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	25668	2253	27921	59	50	4426	389	4815
224	2025	ALT3	WB	PM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	19090	1463	20553	60	50	5088	390	5478
225	2025	ALT3	WB	PM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	18561	1455	20015	60	50	3239	254	3493
226	2025	ALT3	WB	PM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	18145	1445	19590	62	50	14205	1131	15337
227	2025	ALT3	WB	PM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	21843	1529	23373	62	50	5702	399	6101
228	2025	ALT3	WB	PM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	27753	1687	29440	62	50	3376	205	3582
229	2025	ALT3	WB	PM	Mainline		California St Off-Ramp to Califo	24044	0.86	23945	1667	25611	60	50	20639	1437	22076
230	2025	ALT3	WB	PM	Mainline		California St On-Ramp to Mour	24077	0.19	28221	1768	29990	60	50	5431	340	5771
231	2025	ALT3	WB	PM	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	26288	1725	28013	59	50	5849	384	6233
232	2025	ALT3	WB	PM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	29631	1843	31474	60	50	6125	381	6506
233	2025	ALT3	WB	PM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	28605	1829	30434	50	50	21670	1385	23055
234	2025	ALT3	WB	PM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	31873	1864	33737	53	50	3554	208	3762
235	2025	ALT3	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	30242	1820	32062	48	48	14390	866	15256
236	2025	ALT3	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	33303	1918	35221	52	50	9384	540	9925
237	2025	ALT3	WB	PM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	18724	1296	20020	59	50	13155	910	14065
238	2025	ALT3	WB	PM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	21056	1340	22397	58	50	4406	280	4687
239	2025	ALT3	WB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	21813	1359	23172	57	50	3991	249	4239

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
240	2025	ALT3	WB	PM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	28045	1497	29542	57	50	5195	277	5473
241	2025	ALT3	WB	PM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	26161	1477	27638	55	50	19003	1073	20076
242	2025	ALT3	WB	PM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	28862	1543	30405	58	50	1337	71	1408
243	2025	ALT3	WB	PM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	26996	1525	28521	55	50	16724	945	17668
244	2025	ALT3	WB	PM	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	28330	1561	29891	53	50	2496	138	2633
245	2025	ALT3	WB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	26557	1540	28098	55	50	15514	900	16414
246	2025	ALT3	WB	PM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	28449	1584	30033	53	50	11853	660	12513
247	2025	ALT3	WB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	26204	1557	27761	55	50	15582	926	16509
248	2025	ALT3	WB	PM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	27568	1590	29158	58	50	4693	271	4964
249	2025	ALT3	WB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	24741	1539	26280	60	50	14602	909	15510
250	2025	ALT3	WB	PM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	27992	1641	29633	58	50	23867	1399	25266
251	2025	ALT3	WB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	23794	1562	25356	57	50	17287	1135	18422
252	2025	ALT3	WB	PM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	26552	1661	28213	59	50	13911	870	14781
253	2025	ALT3	WB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	26552	1661	28213	59	50	9962	623	10585
254	2025	ALT3	WB	PM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	27062	1661	28722	58	50	9788	601	10389
255	2025	ALT3	WB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	23753	1625	25378	57	50	16388	1121	17509
256	2025	ALT3	WB	PM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	26581	1705	28286	59	50	10359	664	11023
257	2025	ALT3	WB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	23843	1656	25499	57	50	12852	893	13744
258	2025	ALT3	WB	PM	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	27103	1761	28864	61	50	11335	737	12071
259	2025	ALT3	WB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	25436	1713	27148	59	50	16039	1080	17119
260	2025	ALT3	WB	PM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	27822	1819	29641	61	50	10974	717	11691
261	2025	ALT3	WB	PM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	24555	1700	26254	60	50	13516	935	14451
262	2025	ALT3	WB	PM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	26863	1941	28804	61	50	34061	2462	36523
263	2025	ALT3	WB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	25303	1848	27151	59	50	17182	1255	18437
264	2025	ALT3	WB	PM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	28500	2052	30552	50	50	7418	534	7953
265	2025	ALT3	WB	PM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	29900	2163	32064	55	50	3979	288	4267
266	2025	ALT3	WB	PM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	23582	1946	25528	56	50	13378	1104	14482
267	2025	ALT3	WB	PM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	31033	2251	33284	54	50	4126	299	4426
268	2025	ALT3	WB	PM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	35316	2475	37791	54	50	729	51	780
269	2025	ALT3	WB	PM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	33499	2358	35857	50	50	19442	1368	20810
270	2025	ALT3	WB	PM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	36299	2495	38794	45	45	9061	623	9684
271	2025	ALT3	WB	PM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	34263	2382	36645	35	35	14091	980	15070
272	2025	ALT3	WB	PM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	31745	2521	34267	42	42	9165	728	9893
273	2025	ALT3	WB	PM	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	33757	2589	36346	50	50	9227	708	9935
274	2025	ALT3	WB	PM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	32393	2556	34949	52	50	10511	829	11340
275	2025	ALT3	WB	PM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	28021	2337	30358	57	50	17531	1462	18993
276	2025	ALT3	WB	PM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	32145	2431	34577	58	50	4918	372	5290
277	2025	ALT3	WB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	29215	2386	31602	55	50	10564	863	11426
278	2025	ALT3	WB	PM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	31116	2510	33626	52	50	5922	478	6399
279	2025	ALT3	WB	PM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	32394	2555	34949	43	43	11788	930	12718
280	2025	ALT3	WB	PM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	28379	2500	30879	51	50	11026	971	11997
281	2025	ALT3	WB	PM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	32655	2669	35324	42	42	8460	691	9151
282	2025	ALT3	WB	PM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	29547	2626	32173	49	49	11772	1046	12818
283	2025	ALT3	WB	PM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	31279	2663	33941	46	46	11232	956	12188
284	2025	ALT3	WB	PM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	33716	2702	36418	38	38	14259	1143	15402
285	2025	ALT3	WB	PM	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	30640	2498	33138	47	47	10001	815	10817
286	2025	ALT3	WB	PM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	33151	2540	35691	41	41	9097	697	9794
287	2025	ALT3	WB	PM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	30185	2409	32595	49	49	15891	1268	17160
288	2025	ALT3	WB	PM	Mainline		Central Ave On-Ramp to Mont	23492	0.05	32899	2475	35374	53	50	1660	125	1785

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
289	2025	ALT3	WB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	30341	2391	32732	48	48	16990	1339	18329
290	2025	ALT3	WB	PM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1195	13	1208	34	34	643	7	650
291	2025	ALT3	WB	PM	Ramp	ON	Ford St On-Ramp	94684	0.23	2606	44	2651	26	26	588	10	598
292	2025	ALT3	WB	PM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	630	7	637	33	33	175	2	177
293	2025	ALT3	WB	PM	Ramp	ON	University St On-Ramp	94674	0.21	2896	60	2956	10	10	612	13	625
294	2025	ALT3	WB	PM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1389	29	1418	23	23	368	8	375
295	2025	ALT3	WB	PM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3054	35	3088	9	9	589	7	595
296	2025	ALT3	WB	PM	Ramp	ON	Orange St On-Ramp	2676749	0.16	2000	65	2066	15	15	314	10	324
297	2025	ALT3	WB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	6578	791	7368	26	26	5687	684	6370
298	2025	ALT3	WB	PM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	530	8	538	28	28	36	1	36
299	2025	ALT3	WB	PM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	415	10	425	33	33	150	4	154
300	2025	ALT3	WB	PM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	3698	84	3783	29	29	3689	84	3773
301	2025	ALT3	WB	PM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	5909	158	6068	13	13	706	19	725
302	2025	ALT3	WB	PM	Ramp	OFF	California St Off-Ramp	94793	0.13	897	21	918	31	31	116	3	119
303	2025	ALT3	WB	PM	Ramp	ON	California St On-Ramp	2676730	0.11	4277	102	4379	21	21	490	12	502
304	2025	ALT3	WB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	1933	43	1977	25	25	225	5	230
305	2025	ALT3	WB	PM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	4721	118	4839	19	19	644	16	660
306	2025	ALT3	WB	PM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1026	15	1041	24	24	223	3	226
307	2025	ALT3	WB	PM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3268	35	3303	6	6	404	4	408
308	2025	ALT3	WB	PM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1631	44	1675	19	19	398	11	409
309	2025	ALT3	WB	PM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	3061	98	3159	7	7	403	13	416
310	2025	ALT3	WB	PM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	14580	622	15201	17	17	2559	109	2668
311	2025	ALT3	WB	PM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2333	44	2377	12	12	770	15	784
312	2025	ALT3	WB	PM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	757	19	776	24	24	402	10	412
313	2025	ALT3	WB	PM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	6232	138	6370	30	30	2671	59	2730
314	2025	ALT3	WB	PM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1884	20	1904	20	20	455	5	459
315	2025	ALT3	WB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2454	65	2520	18	18	645	17	662
316	2025	ALT3	WB	PM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1866	18	1884	20	20	398	4	402
317	2025	ALT3	WB	PM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1335	36	1371	17	17	418	11	429
318	2025	ALT3	WB	PM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1773	21	1794	21	21	475	5	480
319	2025	ALT3	WB	PM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1892	44	1935	19	19	603	14	617
320	2025	ALT3	WB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2245	27	2272	17	17	403	5	407
321	2025	ALT3	WB	PM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1365	32	1397	17	17	463	11	474
322	2025	ALT3	WB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2827	50	2877	11	11	302	5	307
323	2025	ALT3	WB	PM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	3251	101	3353	28	28	1015	32	1047
324	2025	ALT3	WB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	4199	78	4277	23	23	549	10	559
325	2025	ALT3	WB	PM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2758	98	2857	18	18	1135	40	1175
326	2025	ALT3	WB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2025	ALT3	WB	PM	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2025	ALT3	WB	PM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3308	36	3344	25	25	384	4	388
329	2025	ALT3	WB	PM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2828	80	2908	18	18	692	20	712
330	2025	ALT3	WB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2739	49	2788	26	26	296	5	301
331	2025	ALT3	WB	PM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3260	105	3365	28	28	975	31	1006
332	2025	ALT3	WB	PM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1667	48	1716	33	33	488	14	502
333	2025	ALT3	WB	PM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2387	106	2493	29	29	824	37	861
334	2025	ALT3	WB	PM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3268	119	3387	31	31	423	15	438
335	2025	ALT3	WB	PM	Ramp	ON	Cherry On-Ramp	95966	0.28	3983	242	4225	27	27	1114	68	1182
336	2025	ALT3	WB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1560	93	1654	27	27	790	47	838
337	2025	ALT3	WB	PM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	3197	204	3401	21	21	615	39	655

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
338	2025	ALT3	WB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	1400	111	1511	28	28	513	41	553
339	2025	ALT3	WB	PM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6318	217	6536	42	42	1780	61	1841
340	2025	ALT3	WB	PM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	7452	305	7756	28	28	4689	192	4881
341	2025	ALT3	WB	PM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4282	224	4507	21	21	4293	225	4518
342	2025	ALT3	WB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1817	118	1934	27	27	366	24	389
343	2025	ALT3	WB	PM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2800	137	2937	8	8	495	24	519
344	2025	ALT3	WB	PM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2036	113	2149	26	26	356	20	376
345	2025	ALT3	WB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2416	139	2555	11	11	231	13	244
346	2025	ALT3	WB	PM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	2012	67	2079	13	13	390	13	403
347	2025	ALT3	WB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1364	32	1396	21	21	248	6	253
348	2025	ALT3	WB	PM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4372	219	4591	27	27	2520	126	2646
349	2025	ALT3	WB	PM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4124	94	4219	21	21	755	17	773
350	2025	ALT3	WB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2930	45	2975	31	31	942	14	957
351	2025	ALT3	WB	PM	Ramp	OFF	Vineyard Ave Loop On-Ramp	1658018	0.16	1900	123	2024	15	15	303	20	322
352	2025	ALT3	WB	PM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1278	46	1324	19	19	260	9	269
353	2025	ALT3	WB	PM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	4015	55	4071	23	23	1016	14	1030
354	2025	ALT3	WB	PM	Ramp	ON	4th St On-Ramp	2731498	0.26	4277	169	4446	14	14	1101	44	1145
355	2025	ALT3	WB	PM	Ramp	OFF	7th St Off-Ramp	94628	0.20	2578	43	2621	14	14	523	9	532
356	2025	ALT3	WB	PM	Ramp	OFF	Euclid Ave Loop On-Ramp	1658015	0.24	1732	37	1768	16	16	413	9	421
357	2025	ALT3	WB	PM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2437	40	2477	13	13	921	15	936
358	2025	ALT3	WB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3076	204	3280	7	7	428	28	456
359	2025	ALT3	WB	PM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2318	42	2360	13	13	471	9	479
360	2025	ALT3	WB	PM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2966	131	3097	9	9	396	18	413
361	2025	ALT3	WB	PM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2714	66	2779	11	11	328	8	336
362	2025	ALT3	WB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2558	84	2642	14	14	579	19	598
363	2025	ALT3	WB	PM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2125	26	2151	14	14	702	9	710
364	2025	ALT3	WB	PM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2025	ALT3	WB	PM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2025	ALT3	WB	PM	HOT		Ford St On-Ramp to Cypress Av	2731628	0.40	2669		2669	60	50	1196		1196
367	2025	ALT3	WB	PM	HOT		Cypress Ave Off-Ramp to Unive	2731628	0.78	2669		2669	60	50	1196		1196
368	2025	ALT3	WB	PM	HOT		University St On-Ramp to 6th S	2731628	0.50	2669		2669	60	50	1196		1196
369	2025	ALT3	WB	PM	HOT		6th St Off-Ramp to Orange St L	2731628	0.75	2669		2669	60	50	1196		1196
370	2025	ALT3	WB	PM	HOT		Orange St Loop On-Ramp to Or	2731626	0.38	2672		2672	60	50	900		900
371	2025	ALT3	WB	PM	HOT		Orange St On-Ramp to SR-210	2731626	0.36	2672		2672	60	50	900		900
372	2025	ALT3	WB	PM	HOT		SR-210 Off-Ramp to Tennessee	2731626	0.37	2672		2672	60	50	900		900
373	2025	ALT3	WB	PM	HOT		Tennessee St Off-Ramp to Alab	2731626	0.17	2672		2672	60	50	900		900
374	2025	ALT3	WB	PM	HOT		Alabama St Off-Ramp to SR-21	2731626	0.27	2672		2672	60	50	900		900
375	2025	ALT3	WB	PM	HOT		SR-210 SB On-Ramp to Alabam	2731626	0.17	2672		2672	60	50	900		900
376	2025	ALT3	WB	PM	HOT		Alabama St On-Ramp to Califor	2731626	0.78	2672		2672	60	50	900		900
377	2025	ALT3	WB	PM	HOT		California St Off-Ramp to Califc	2731613	0.26	5583		5583	60	50	4662		4662
378	2025	ALT3	WB	PM	HOT		California St On-Ramp to Mour	2731613	0.12	5583		5583	60	50	4662		4662
379	2025	ALT3	WB	PM	HOT		Mountain View Ave Off-Ramp t	2779137	0.86	6961		6961	58	50	3432		3432
380	2025	ALT3	WB	PM	HOT		Mountain View Ave On-Ramp t	2779137	0.19	6961		6961	58	50	3432		3432
381	2025	ALT3	WB	PM	HOT		Tippecanoe Ave Off-Ramp to T	2779137	0.22	6961		6961	58	50	3432		3432
382	2025	ALT3	WB	PM	HOT		Tippecanoe Ave On-Ramp to H	2779137	0.21	6961		6961	58	50	3432		3432
383	2025	ALT3	WB	PM	HOT		Hospitality Ln/ Carnegie Dr Off	2779137	0.76	6961		6961	58	50	3432		3432
384	2025	ALT3	WB	PM	HOT		Hospitality Ln/ Carnegie Dr On-	2779137	0.11	6961		6961	58	50	3432		3432
385	2025	ALT3	WB	PM	HOT		I-215 NB Off-Ramp to Sunwest	2779137	0.48	6961		6961	58	50	3432		3432
386	2025	ALT3	WB	PM	HOT		Sunwest Ln On-Ramp to I-215 I	2779137	0.28	6961		6961	58	50	3432		3432

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
387	2025	ALT3	WB	PM	HOT		I-215 NB On-Ramp to I-215 SB	2779137	0.70	6961		6961	58	50	3432		3432
388	2025	ALT3	WB	PM	HOT		I-215 SB On-Ramp to Sperry Dr	2779137	0.21	6961		6961	58	50	3432		3432
389	2025	ALT3	WB	PM	HOT		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.18	6961		6961	58	50	3432		3432
390	2025	ALT3	WB	PM	HOT		Mt Vernon Ave On-Ramp to 9t	2779131	0.19	6714		6714	58	50	3925		3925
391	2025	ALT3	WB	PM	HOT		9th St Off-Ramp to La Cadena I	2779131	0.73	6714		6714	58	50	3925		3925
392	2025	ALT3	WB	PM	HOT		La Cadena Dr On-Ramp to Ran	2779131	0.05	6714		6714	58	50	3925		3925
393	2025	ALT3	WB	PM	HOT		Rancho Ave Off-Ramp to Ranch	2779131	0.62	6714		6714	58	50	3925		3925
394	2025	ALT3	WB	PM	HOT		Rancho Ave On-Ramp to Peppe	2779131	0.09	6714		6714	58	50	3925		3925
395	2025	ALT3	WB	PM	HOT		Pepper Ave Off-Ramp to Peppe	2779131	0.58	6714		6714	58	50	3925		3925
396	2025	ALT3	WB	PM	HOT		Pepper Ave On-Ramp to Rivers	2779131	0.42	6714		6714	58	50	3925		3925
397	2025	ALT3	WB	PM	HOT		Riverside Ave Off-Ramp to Rive	2779131	0.59	6714		6714	58	50	3925		3925
398	2025	ALT3	WB	PM	HOT		Riverside Ave On-Ramp to Ced	2779131	0.17	6714		6714	58	50	3925		3925
399	2025	ALT3	WB	PM	HOT		Cedar Ave Off-Ramp to Cedar A	2779131	0.59	6714		6714	58	50	3925		3925
400	2025	ALT3	WB	PM	HOT		Cedar Ave On-Ramp to Alder A	2779131	0.85	6714		6714	58	50	3925		3925
401	2025	ALT3	WB	PM	HOT		Alder Ave Off-Ramp to Alder A	2731555	0.73	6205		6205	59	50	2024		2024
402	2025	ALT3	WB	PM	HOT		Alder Ave On-Ramp to Alder Av	2731555	0.52	6205		6205	59	50	2024		2024
403	2025	ALT3	WB	PM	HOT		Sierra Ave Off-Ramp to Sierra A	2731555	0.38	6205		6205	59	50	2024		2024
404	2025	ALT3	WB	PM	HOT		Sierra Ave On-Ramp to Citrus A	2731555	0.36	6205		6205	59	50	2024		2024
405	2025	ALT3	WB	PM	HOT		Citrus Ave Off-Ramp to Citrus A	2731555	0.69	6205		6205	59	50	2024		2024
406	2025	ALT3	WB	PM	HOT		Citrus Ave On-Ramp to Beach C	2731555	0.39	6205		6205	59	50	2024		2024
407	2025	ALT3	WB	PM	HOT		Beach Ave Off-Ramp to Beach	2731555	0.54	6205		6205	59	50	2024		2024
408	2025	ALT3	WB	PM	HOT		Beach Ave On-Ramp to Cherry	2731555	0.42	6205		6205	59	50	2024		2024
409	2025	ALT3	WB	PM	HOT		Cherry Off-Ramp to Cherry On-	2731555	0.63	6205		6205	59	50	2024		2024
410	2025	ALT3	WB	PM	HOT		Cherry On-Ramp to Etiwanda A	2779119	0.39	7880		7880	56	50	4535		4535
411	2025	ALT3	WB	PM	HOT		Etiwanda Ave Off-Ramp to Etiv	2779119	0.55	7880		7880	56	50	4535		4535
412	2025	ALT3	WB	PM	HOT		Etiwanda Ave Loop On-Ramp t	2779119	1.27	7880		7880	56	50	4535		4535
413	2025	ALT3	WB	PM	HOT		Etiwanda Ave On-Ramp to I-15	2779119	0.68	7880		7880	56	50	4535		4535
414	2025	ALT3	WB	PM	HOT		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.26	7880		7880	56	50	4535		4535
415	2025	ALT3	WB	PM	HOT		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	7880		7880	56	50	4535		4535
416	2025	ALT3	WB	PM	HOT		I-15 NB On-Ramp to Milliken A	2779119	0.57	7880		7880	56	50	4535		4535
417	2025	ALT3	WB	PM	HOT		Milliken Ave Off-Ramp to Millik	2779119	0.13	7880		7880	56	50	4535		4535
418	2025	ALT3	WB	PM	HOT		Milliken Ave On-Ramp to Have	2779119	0.02	7880		7880	56	50	4535		4535
419	2025	ALT3	WB	PM	HOT		Haven Ave Off-Ramp to Haven	2779119	0.58	7880		7880	56	50	4535		4535
420	2025	ALT3	WB	PM	HOT		Haven Ave Loop On-Ramp to H	2779113	0.25	12814		12814	52	50	6724		6724
421	2025	ALT3	WB	PM	HOT		Haven Ave On-Ramp to Archiba	2779113	0.41	12814		12814	52	50	6724		6724
422	2025	ALT3	WB	PM	HOT		Archibald Ave Off-Ramp to Hol	2779113	0.29	12814		12814	52	50	6724		6724
423	2025	ALT3	WB	PM	HOT		Holt Blvd Off-Ramp to Archibal	2779113	0.27	12814		12814	52	50	6724		6724
424	2025	ALT3	WB	PM	HOT		Archibald Ave On-Ramp to Vine	2779113	0.32	12814		12814	52	50	6724		6724
425	2025	ALT3	WB	PM	HOT		Vineyard Ave Off-Ramp to Vine	2779113	0.63	12814		12814	52	50	6724		6724
426	2025	ALT3	WB	PM	HOT		Vineyard Ave Loop On-Ramp to	2779113	0.15	12814		12814	52	50	6724		6724
427	2025	ALT3	WB	PM	HOT		Vineyard Ave On-Ramp to 4th S	2779113	0.36	12814		12814	52	50	6724		6724
428	2025	ALT3	WB	PM	HOT		4th St Off-Ramp to 4th St On-R	2779113	0.19	12814		12814	52	50	6724		6724
429	2025	ALT3	WB	PM	HOT		4th St On-Ramp to 7th St Off-R	2779113	0.36	12814		12814	52	50	6724		6724
430	2025	ALT3	WB	PM	HOT		7th St Off-Ramp to Euclid Ave I	2779107	0.39	13345		13345	43	43	5310		5310
431	2025	ALT3	WB	PM	HOT		Euclid Ave Loop On-Ramp to Eu	2779107	0.26	13345		13345	43	43	5310		5310
432	2025	ALT3	WB	PM	HOT		Euclid Ave On-Ramp to Mounta	2779107	0.40	13345		13345	43	43	5310		5310
433	2025	ALT3	WB	PM	HOT		Mountain Ave Off-Ramp to Mc	2760177	0.36	13152		13152	44	44	2753		2753
434	2025	ALT3	WB	PM	HOT		Mountain Ave On-Ramp to Cer	2760177	0.42	13152		13152	44	44	2753		2753
435	2025	ALT3	WB	PM	HOT		Central Ave Off-Ramp to Centr	2760177	0.33	13152		13152	44	44	2753		2753

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
436	2025	ALT3	WB	PM	HOT		Central Ave On-Ramp to Mont	2760177	0.27	13152		13152	44	44	2753		2753
437	2025	ALT3	WB	PM	HOT		Monte Vista Ave Off-Ramp to M	2760177	0.53	13152		13152	44	44	2753		2753
216	2025	ALT3	WB	NT	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	13778	3543	17321	64	50	5541	1425	6966
217	2025	ALT3	WB	NT	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	13024	3530	16554	64	50	10175	2758	12932
218	2025	ALT3	WB	NT	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	12756	3572	16328	64	50	6357	1780	8137
219	2025	ALT3	WB	NT	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	12397	3565	15962	64	50	9286	2671	11956
220	2025	ALT3	WB	NT	Mainline		University St On-Ramp to 6th S	23726	0.38	15032	3649	18681	64	50	5703	1384	7088
221	2025	ALT3	WB	NT	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	13956	3610	17566	64	50	5019	1298	6317
222	2025	ALT3	WB	NT	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	16072	3680	19752	64	50	6020	1378	7399
223	2025	ALT3	WB	NT	Mainline		Orange St On-Ramp to SR-210	24215	0.17	16665	3724	20388	64	50	2874	642	3516
224	2025	ALT3	WB	NT	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	13894	3546	17440	64	50	3703	945	4648
225	2025	ALT3	WB	NT	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	13485	3535	17020	64	50	2353	617	2970
226	2025	ALT3	WB	NT	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	13117	3521	16638	64	50	10269	2756	13025
227	2025	ALT3	WB	NT	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	14818	3575	18393	64	50	3868	933	4802
228	2025	ALT3	WB	NT	Mainline		Alabama St On-Ramp to Califor	24057	0.12	19509	3899	23408	64	50	2374	474	2848
229	2025	ALT3	WB	NT	Mainline		California St Off-Ramp to Califo	24044	0.86	17441	3877	21319	64	50	15034	3342	18376
230	2025	ALT3	WB	NT	Mainline		California St On-Ramp to Mour	24077	0.19	19237	4023	23261	64	50	3702	774	4476
231	2025	ALT3	WB	NT	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	17681	3962	21643	64	50	3934	882	4816
232	2025	ALT3	WB	NT	Mainline		Mountain View Ave On-Ramp t	23990	0.21	20790	4115	24905	64	50	4298	851	5148
233	2025	ALT3	WB	NT	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	20009	4099	24108	63	50	15158	3105	18263
234	2025	ALT3	WB	NT	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	22581	4227	26808	63	50	2518	471	2990
235	2025	ALT3	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	21208	4152	25361	63	50	10092	1976	12068
236	2025	ALT3	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	22583	4293	26876	63	50	6363	1210	7573
237	2025	ALT3	WB	NT	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	12909	3262	16171	64	50	9069	2292	11361
238	2025	ALT3	WB	NT	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	14171	3340	17512	64	50	2966	699	3664
239	2025	ALT3	WB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	14385	3355	17740	64	50	2632	614	3245
240	2025	ALT3	WB	NT	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	18552	3603	22155	64	50	3437	668	4104
241	2025	ALT3	WB	NT	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	17677	3581	21258	64	50	12840	2602	15442
242	2025	ALT3	WB	NT	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	17925	3663	21588	64	50	830	170	1000
243	2025	ALT3	WB	NT	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	16333	3627	19960	64	50	10118	2247	12365
244	2025	ALT3	WB	NT	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	17295	3706	21001	64	50	1524	326	1850
245	2025	ALT3	WB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	16740	3696	20435	64	50	9779	2159	11938
246	2025	ALT3	WB	NT	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	17763	3761	21524	64	50	7401	1567	8968
247	2025	ALT3	WB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	16195	3718	19913	64	50	9631	2211	11842
248	2025	ALT3	WB	NT	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	17468	3777	21245	64	50	2974	643	3617
249	2025	ALT3	WB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	15386	3676	19061	64	50	9080	2169	11250
250	2025	ALT3	WB	NT	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	17470	3873	21343	64	50	14896	3302	18198
251	2025	ALT3	WB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	15279	3794	19074	64	50	11101	2757	13858
252	2025	ALT3	WB	NT	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	17160	3974	21134	64	50	8990	2082	11072
253	2025	ALT3	WB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	17160	3974	21134	64	50	6438	1491	7930
254	2025	ALT3	WB	NT	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	17240	3974	21214	64	50	6236	1437	7673
255	2025	ALT3	WB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	14976	3922	18898	64	50	10332	2706	13038
256	2025	ALT3	WB	NT	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	16960	4021	20981	64	50	6609	1567	8176
257	2025	ALT3	WB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	15578	3957	19536	64	50	8397	2133	10530
258	2025	ALT3	WB	NT	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	17740	4147	21887	64	50	7419	1734	9153
259	2025	ALT3	WB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	16932	4082	21014	64	50	10677	2574	13251
260	2025	ALT3	WB	NT	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	18458	4235	22693	64	50	7280	1670	8951
261	2025	ALT3	WB	NT	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	16560	4070	20630	64	50	9115	2240	11355
262	2025	ALT3	WB	NT	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	18568	4481	23050	64	50	23544	5682	29226

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
263	2025	ALT3	WB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	17375	4348	21723	64	50	11799	2953	14751
264	2025	ALT3	WB	NT	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	18622	4719	23340	63	50	4847	1228	6075
265	2025	ALT3	WB	NT	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	18973	4847	23820	64	50	2525	645	3170
266	2025	ALT3	WB	NT	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	14666	4451	19117	63	50	8320	2525	10845
267	2025	ALT3	WB	NT	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	20489	5956	26444	63	50	2724	792	3516
268	2025	ALT3	WB	NT	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	25414	6743	32157	63	50	525	139	664
269	2025	ALT3	WB	NT	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	24224	6589	30814	63	50	14059	3824	17884
270	2025	ALT3	WB	NT	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	26471	6952	33424	63	50	6608	1736	8344
271	2025	ALT3	WB	NT	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	24968	6780	31749	62	50	10268	2788	13057
272	2025	ALT3	WB	NT	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	23692	7036	30729	62	50	6840	2031	8872
273	2025	ALT3	WB	NT	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	25124	7192	32316	63	50	6867	1966	8833
274	2025	ALT3	WB	NT	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	23802	7099	30901	63	50	7723	2304	10027
275	2025	ALT3	WB	NT	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	20366	6714	27080	64	50	12742	4200	16942
276	2025	ALT3	WB	NT	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	22797	6882	29679	64	50	3488	1053	4541
277	2025	ALT3	WB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	20792	6810	27602	64	50	7518	2462	9980
278	2025	ALT3	WB	NT	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	21930	7063	28993	64	50	4173	1344	5518
279	2025	ALT3	WB	NT	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	22998	7152	30149	63	50	8368	2602	10971
280	2025	ALT3	WB	NT	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	20460	7070	27530	63	50	7949	2747	10696
281	2025	ALT3	WB	NT	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	24121	7444	31565	62	50	6249	1928	8177
282	2025	ALT3	WB	NT	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	22729	7366	30096	63	50	9055	2935	11990
283	2025	ALT3	WB	NT	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	24065	7464	31529	62	50	8642	2680	11322
284	2025	ALT3	WB	NT	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	26128	7551	33679	62	50	11050	3194	14244
285	2025	ALT3	WB	NT	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	23306	7409	30714	63	50	7607	2418	10026
286	2025	ALT3	WB	NT	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	23807	7540	31346	62	50	6533	2069	8602
287	2025	ALT3	WB	NT	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	21579	7424	29003	63	50	11360	3908	15269
288	2025	ALT3	WB	NT	Mainline		Central Ave On-Ramp to Monte	23492	0.05	24004	7573	31577	63	50	1211	382	1593
289	2025	ALT3	WB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	22890	7490	30380	63	50	12818	4194	17012
290	2025	ALT3	WB	NT	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	754	13	767	35	35	405	7	413
291	2025	ALT3	WB	NT	Ramp	ON	Ford St On-Ramp	94684	0.23	1540	42	1583	29	29	348	10	357
292	2025	ALT3	WB	NT	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	359	7	367	35	35	100	2	102
293	2025	ALT3	WB	NT	Ramp	ON	University St On-Ramp	94674	0.21	2636	84	2719	18	18	557	18	575
294	2025	ALT3	WB	NT	Ramp	OFF	6th St Off-Ramp	94690	0.26	1076	39	1115	28	28	285	10	295
295	2025	ALT3	WB	NT	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2177	70	2247	18	18	420	13	433
296	2025	ALT3	WB	NT	Ramp	ON	Orange St On-Ramp	2676749	0.16	593	44	636	20	20	93	7	100
297	2025	ALT3	WB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	2771	177	2948	30	30	2395	153	2549
298	2025	ALT3	WB	NT	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	409	11	420	29	29	28	1	28
299	2025	ALT3	WB	NT	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	368	14	383	34	34	133	5	138
300	2025	ALT3	WB	NT	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	1701	55	1756	30	30	1697	55	1751
301	2025	ALT3	WB	NT	Ramp	ON	Alabama St On-Ramp	2676731	0.12	4691	323	5015	27	27	560	39	599
302	2025	ALT3	WB	NT	Ramp	OFF	California St Off-Ramp	94793	0.13	569	21	590	34	34	73	3	76
303	2025	ALT3	WB	NT	Ramp	ON	California St On-Ramp	2676730	0.11	1796	146	1942	29	29	206	17	222
304	2025	ALT3	WB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	1556	61	1618	33	33	181	7	189
305	2025	ALT3	WB	NT	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2159	153	2313	29	29	295	21	316
306	2025	ALT3	WB	NT	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	781	17	797	28	28	170	4	173
307	2025	ALT3	WB	NT	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	2572	129	2701	17	17	318	16	334
308	2025	ALT3	WB	NT	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1373	75	1448	27	27	335	18	353
309	2025	ALT3	WB	NT	Ramp	ON	Hospitality Ln/ Carnegie Dr On-	2676734	0.13	1374	141	1515	18	18	181	19	199
310	2025	ALT3	WB	NT	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	9674	1031	10705	45	45	1698	181	1879
311	2025	ALT3	WB	NT	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1263	78	1341	19	19	417	26	442

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
312	2025	ALT3	WB	NT	Ramp	ON	I-215 NB On-Ramp	24504	0.53	214	15	229	25	25	114	8	121
313	2025	ALT3	WB	NT	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4166	248	4415	34	34	1786	106	1892
314	2025	ALT3	WB	NT	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	875	22	897	29	29	211	5	216
315	2025	ALT3	WB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1432	81	1513	20	20	376	21	398
316	2025	ALT3	WB	NT	Ramp	OFF	9th St Off-Ramp	94928	0.21	1592	36	1628	27	27	340	8	347
317	2025	ALT3	WB	NT	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	962	79	1041	19	19	301	25	326
318	2025	ALT3	WB	NT	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	555	10	565	29	29	149	3	151
319	2025	ALT3	WB	NT	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1024	65	1089	20	20	326	21	347
320	2025	ALT3	WB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1568	43	1611	27	27	281	8	289
321	2025	ALT3	WB	NT	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1273	59	1332	19	19	432	20	452
322	2025	ALT3	WB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2083	101	2184	26	26	222	11	233
323	2025	ALT3	WB	NT	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2085	197	2282	30	30	651	61	712
324	2025	ALT3	WB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	2191	78	2269	29	29	287	10	297
325	2025	ALT3	WB	NT	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	1881	180	2061	20	20	774	74	848
326	2025	ALT3	WB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)							50			
327	2025	ALT3	WB	NT	Ramp	ON	Alder Ave On-Ramp (Future)							50			
328	2025	ALT3	WB	NT	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2264	52	2316	29	29	263	6	269
329	2025	ALT3	WB	NT	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1985	99	2083	20	20	486	24	510
330	2025	ALT3	WB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1382	63	1445	29	29	149	7	156
331	2025	ALT3	WB	NT	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	2162	189	2351	30	30	646	57	703
332	2025	ALT3	WB	NT	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	808	65	873	35	35	236	19	255
333	2025	ALT3	WB	NT	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1526	153	1679	30	30	527	53	580
334	2025	ALT3	WB	NT	Ramp	OFF	Cherry Off-Ramp	94837	0.13	1898	165	2064	34	34	246	21	267
335	2025	ALT3	WB	NT	Ramp	ON	Cherry On-Ramp	95966	0.28	2403	412	2815	29	29	672	115	788
336	2025	ALT3	WB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1193	134	1327	33	33	604	68	672
337	2025	ALT3	WB	NT	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1247	371	1618	33	33	240	71	311
338	2025	ALT3	WB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	351	128	480	30	30	129	47	176
339	2025	ALT3	WB	NT	Ramp	OFF	I-15 Off-Ramp	24554	0.28	4307	396	4703	48	48	1213	112	1325
340	2025	ALT3	WB	NT	Ramp	ON	I-15 SB On-Ramp	23554	0.63	5823	1505	7328	33	33	3664	947	4611
341	2025	ALT3	WB	NT	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4926	787	5712	29	29	4938	789	5727
342	2025	ALT3	WB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1190	153	1343	29	29	239	31	270
343	2025	ALT3	WB	NT	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2247	363	2610	17	17	397	64	461
344	2025	ALT3	WB	NT	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	1503	172	1675	29	29	263	30	293
345	2025	ALT3	WB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	957	256	1213	19	19	91	24	116
346	2025	ALT3	WB	NT	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1431	156	1587	18	18	278	30	308
347	2025	ALT3	WB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1322	93	1415	27	27	240	17	257
348	2025	ALT3	WB	NT	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	3436	385	3821	33	33	1980	222	2202
349	2025	ALT3	WB	NT	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	2431	168	2599	29	29	445	31	476
350	2025	ALT3	WB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2005	72	2077	34	34	645	23	668
351	2025	ALT3	WB	NT	Ramp	OFF	Vineyard Ave Loop On-Ramp	1658018	0.16	1138	253	1391	19	19	181	40	221
352	2025	ALT3	WB	NT	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1067	89	1156	20	20	217	18	235
353	2025	ALT3	WB	NT	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	2538	82	2619	29	29	642	21	663
354	2025	ALT3	WB	NT	Ramp	ON	4th St On-Ramp	2731498	0.26	3661	374	4035	19	19	943	96	1039
355	2025	ALT3	WB	NT	Ramp	OFF	7th St Off-Ramp	94628	0.20	1752	77	1830	27	27	355	16	371
356	2025	ALT3	WB	NT	Ramp	OFF	Euclid Ave Loop On-Ramp	1658015	0.24	1336	97	1433	19	19	318	23	342
357	2025	ALT3	WB	NT	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2063	87	2150	18	18	780	33	813
358	2025	ALT3	WB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2822	142	2965	24	24	393	20	413
359	2025	ALT3	WB	NT	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2558	131	2688	18	18	520	27	546
360	2025	ALT3	WB	NT	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2228	116	2344	26	26	297	15	313

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
361	2025	ALT3	WB	NT	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2425	149	2575	18	18	293	18	312
362	2025	ALT3	WB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1114	83	1197	28	28	252	19	271
363	2025	ALT3	WB	NT	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1839	85	1924	19	19	607	28	636
364	2025	ALT3	WB	NT	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2025	ALT3	WB	NT	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2025	ALT3	WB	NT	HOT		Ford St On-Ramp to Cypress Av	2731628	0.40	1808		1808	64	50	727		727
367	2025	ALT3	WB	NT	HOT		Cypress Ave Off-Ramp to Unive	2731628	0.78	1808		1808	64	50	1413		1413
368	2025	ALT3	WB	NT	HOT		University St On-Ramp to 6th S	2731628	0.50	1808		1808	64	50	901		901
369	2025	ALT3	WB	NT	HOT		6th St Off-Ramp to Orange St L	2731628	0.75	1808		1808	64	50	1354		1354
370	2025	ALT3	WB	NT	HOT		Orange St Loop On-Ramp to Or	2731626	0.38	1869		1869	64	50	709		709
371	2025	ALT3	WB	NT	HOT		Orange St On-Ramp to SR-210	2731626	0.36	1869		1869	64	50	672		672
372	2025	ALT3	WB	NT	HOT		SR-210 Off-Ramp to Tennessee	2731626	0.37	1869		1869	64	50	700		700
373	2025	ALT3	WB	NT	HOT		Tennessee St Off-Ramp to Alab	2731626	0.17	1869		1869	64	50	322		322
374	2025	ALT3	WB	NT	HOT		Alabama St Off-Ramp to SR-21	2731626	0.27	1869		1869	64	50	498		498
375	2025	ALT3	WB	NT	HOT		SR-210 SB On-Ramp to Alabam	2731626	0.17	1869		1869	64	50	326		326
376	2025	ALT3	WB	NT	HOT		Alabama St On-Ramp to Califor	2731626	0.78	1869		1869	64	50	1463		1463
377	2025	ALT3	WB	NT	HOT		California St Off-Ramp to Califo	2731613	0.26	3368		3368	64	50	879		879
378	2025	ALT3	WB	NT	HOT		California St On-Ramp to Mour	2731613	0.12	3368		3368	64	50	410		410
379	2025	ALT3	WB	NT	HOT		Mountain View Ave Off-Ramp t	2779137	0.86	2418		2418	64	50	2085		2085
380	2025	ALT3	WB	NT	HOT		Mountain View Ave On-Ramp t	2779137	0.19	2418		2418	64	50	465		465
381	2025	ALT3	WB	NT	HOT		Tippecanoe Ave Off-Ramp to T	2779137	0.22	2418		2418	64	50	538		538
382	2025	ALT3	WB	NT	HOT		Tippecanoe Ave On-Ramp to H	2779137	0.21	2418		2418	64	50	500		500
383	2025	ALT3	WB	NT	HOT		Hospitality Ln/ Carnegie Dr Off	2779137	0.76	2418		2418	64	50	1832		1832
384	2025	ALT3	WB	NT	HOT		Hospitality Ln/ Carnegie Dr On-	2779137	0.11	2418		2418	64	50	270		270
385	2025	ALT3	WB	NT	HOT		I-215 NB Off-Ramp to Sunwest	2779137	0.48	2418		2418	64	50	1151		1151
386	2025	ALT3	WB	NT	HOT		Sunwest Ln On-Ramp to I-215 I	2779137	0.28	2418		2418	64	50	681		681
387	2025	ALT3	WB	NT	HOT		I-215 NB On-Ramp to I-215 SB	2779137	0.70	2418		2418	64	50	1699		1699
388	2025	ALT3	WB	NT	HOT		I-215 SB On-Ramp to Sperry Dr	2779137	0.21	2418		2418	64	50	506		506
389	2025	ALT3	WB	NT	HOT		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.18	2418		2418	64	50	442		442
390	2025	ALT3	WB	NT	HOT		Mt Vernon Ave On-Ramp to 9t	2779131	0.19	3602		3602	64	50	667		667
391	2025	ALT3	WB	NT	HOT		9th St Off-Ramp to La Cadena I	2779131	0.73	3602		3602	64	50	2617		2617
392	2025	ALT3	WB	NT	HOT		La Cadena Dr On-Ramp to Ran	2779131	0.05	3602		3602	64	50	167		167
393	2025	ALT3	WB	NT	HOT		Rancho Ave Off-Ramp to Ranch	2779131	0.62	3602		3602	64	50	2232		2232
394	2025	ALT3	WB	NT	HOT		Rancho Ave On-Ramp to Peppe	2779131	0.09	3602		3602	64	50	317		317
395	2025	ALT3	WB	NT	HOT		Pepper Ave Off-Ramp to Peppe	2779131	0.58	3602		3602	64	50	2104		2104
396	2025	ALT3	WB	NT	HOT		Pepper Ave On-Ramp to Rivers	2779131	0.42	3602		3602	64	50	1501		1501
397	2025	ALT3	WB	NT	HOT		Riverside Ave Off-Ramp to Rive	2779131	0.59	3602		3602	64	50	2142		2142
398	2025	ALT3	WB	NT	HOT		Riverside Ave On-Ramp to Ced	2779131	0.17	3602		3602	64	50	613		613
399	2025	ALT3	WB	NT	HOT		Cedar Ave Off-Ramp to Cedar A	2779131	0.59	3602		3602	64	50	2126		2126
400	2025	ALT3	WB	NT	HOT		Cedar Ave On-Ramp to Alder A	2779131	0.85	3602		3602	64	50	3071		3071
401	2025	ALT3	WB	NT	HOT		Alder Ave Off-Ramp to Alder A	2731555	0.73	3522		3522	64	50	2559		2559
402	2025	ALT3	WB	NT	HOT		Alder Ave On-Ramp to Alder Av	2731555	0.52	3522		3522	64	50	1845		1845
403	2025	ALT3	WB	NT	HOT		Sierra Ave Off-Ramp to Sierra A	2731555	0.38	3522		3522	64	50	1322		1322
404	2025	ALT3	WB	NT	HOT		Sierra Ave On-Ramp to Citrus A	2731555	0.36	3522		3522	64	50	1274		1274
405	2025	ALT3	WB	NT	HOT		Citrus Ave Off-Ramp to Citrus A	2731555	0.69	3522		3522	64	50	2430		2430
406	2025	ALT3	WB	NT	HOT		Citrus Ave On-Ramp to Beach C	2731555	0.39	3522		3522	64	50	1373		1373
407	2025	ALT3	WB	NT	HOT		Beach Ave Off-Ramp to Beach	2731555	0.54	3522		3522	64	50	1899		1899
408	2025	ALT3	WB	NT	HOT		Beach Ave On-Ramp to Cherry	2731555	0.42	3522		3522	64	50	1473		1473
409	2025	ALT3	WB	NT	HOT		Cherry Off-Ramp to Cherry On-	2731555	0.63	3522		3522	64	50	2221		2221

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
410	2025	ALT3	WB	NT	HOT		Cherry On-Ramp to Etiwanda A	2779119	0.39	3917		3917	64	50	1545		1545
411	2025	ALT3	WB	NT	HOT		Etiwanda Ave Off-Ramp to Etiv	2779119	0.55	3917		3917	64	50	2156		2156
412	2025	ALT3	WB	NT	HOT		Etiwanda Ave Loop On-Ramp t	2779119	1.27	3917		3917	64	50	4967		4967
413	2025	ALT3	WB	NT	HOT		Etiwanda Ave On-Ramp to I-15	2779119	0.68	3917		3917	64	50	2660		2660
414	2025	ALT3	WB	NT	HOT		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.26	3917		3917	64	50	1020		1020
415	2025	ALT3	WB	NT	HOT		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	3917		3917	64	50	521		521
416	2025	ALT3	WB	NT	HOT		I-15 NB On-Ramp to Milliken A	2779119	0.57	3917		3917	64	50	2222		2222
417	2025	ALT3	WB	NT	HOT		Milliken Ave Off-Ramp to Millik	2779119	0.13	3917		3917	64	50	521		521
418	2025	ALT3	WB	NT	HOT		Milliken Ave On-Ramp to Have	2779119	0.02	3917		3917	64	50	81		81
419	2025	ALT3	WB	NT	HOT		Haven Ave Off-Ramp to Haven	2779119	0.58	3917		3917	64	50	2273		2273
420	2025	ALT3	WB	NT	HOT		Haven Ave Loop On-Ramp to H	2779113	0.25	6150		6150	64	50	1535		1535
421	2025	ALT3	WB	NT	HOT		Haven Ave On-Ramp to Archib	2779113	0.41	6150		6150	64	50	2529		2529
422	2025	ALT3	WB	NT	HOT		Archibald Ave Off-Ramp to Hol	2779113	0.29	6150		6150	64	50	1775		1775
423	2025	ALT3	WB	NT	HOT		Holt Blvd Off-Ramp to Archibal	2779113	0.27	6150		6150	64	50	1681		1681
424	2025	ALT3	WB	NT	HOT		Archibald Ave On-Ramp to Vine	2779113	0.32	6150		6150	64	50	1996		1996
425	2025	ALT3	WB	NT	HOT		Vineyard Ave Off-Ramp to Vine	2779113	0.63	6150		6150	64	50	3848		3848
426	2025	ALT3	WB	NT	HOT		Vineyard Ave Loop On-Ramp to	2779113	0.15	6150		6150	64	50	941		941
427	2025	ALT3	WB	NT	HOT		Vineyard Ave On-Ramp to 4th S	2779113	0.36	6150		6150	64	50	2224		2224
428	2025	ALT3	WB	NT	HOT		4th St Off-Ramp to 4th St On-R	2779113	0.19	6150		6150	64	50	1170		1170
429	2025	ALT3	WB	NT	HOT		4th St On-Ramp to 7th St Off-R	2779113	0.36	6150		6150	64	50	2238		2238
430	2025	ALT3	WB	NT	HOT		7th St Off-Ramp to Euclid Ave L	2779107	0.39	5790		5790	64	50	2249		2249
431	2025	ALT3	WB	NT	HOT		Euclid Ave Loop On-Ramp to Eu	2779107	0.26	5790		5790	64	50	1500		1500
432	2025	ALT3	WB	NT	HOT		Euclid Ave On-Ramp to Mounta	2779107	0.40	5790		5790	64	50	2307		2307
433	2025	ALT3	WB	NT	HOT		Mountain Ave Off-Ramp to Mo	2760177	0.36	7846		7846	63	50	2818		2818
434	2025	ALT3	WB	NT	HOT		Mountain Ave On-Ramp to Cer	2760177	0.42	7846		7846	63	50	3318		3318
435	2025	ALT3	WB	NT	HOT		Central Ave Off-Ramp to Centr	2760177	0.33	7846		7846	63	50	2561		2561
436	2025	ALT3	WB	NT	HOT		Central Ave On-Ramp to Monte	2760177	0.27	7846		7846	63	50	2153		2153
437	2025	ALT3	WB	NT	HOT		Monte Vista Ave Off-Ramp to M	2760177	0.53	7846		7846	63	50	4131		4131
1	2035	ALT1	EB	AM	Mainline		LA County Line to Monte Vista	25707	0.26	20954	1651	22605	52	50	5369	423	5792
2	2035	ALT1	EB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	19361	1607	20968	55	50	13096	1087	14183
3	2035	ALT1	EB	AM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	21003	1659	22662	57	50	613	48	661
4	2035	ALT1	EB	AM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	19137	1607	20744	55	50	10946	919	11865
5	2035	ALT1	EB	AM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	20945	1660	22605	58	50	4356	345	4701
6	2035	ALT1	EB	AM	Mainline		Mountain Ave Off-Ramp to Mo	2778899	0.34	18992	1616	20608	56	50	6512	554	7066
7	2035	ALT1	EB	AM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	21341	1677	23018	52	50	10201	802	11003
8	2035	ALT1	EB	AM	Mainline		Euclid Ave Off-Ramp to Euclid A	23438	0.65	19136	1621	20757	55	50	12349	1046	13395
9	2035	ALT1	EB	AM	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	21116	1661	22777	52	50	10809	850	11659
10	2035	ALT1	EB	AM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	18470	1561	20031	56	50	3177	269	3446
11	2035	ALT1	EB	AM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	21798	1614	23412	51	50	7173	531	7704
12	2035	ALT1	EB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	20079	1494	21573	54	50	4909	365	5274
13	2035	ALT1	EB	AM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	23076	1550	24626	59	50	4439	298	4737
14	2035	ALT1	EB	AM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	20256	1331	21587	58	50	6856	451	7307
15	2035	ALT1	EB	AM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	23174	1527	24701	54	50	9040	596	9636
16	2035	ALT1	EB	AM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	23176	1559	24735	54	50	5173	348	5521
17	2035	ALT1	EB	AM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	20352	1418	21770	52	50	8466	590	9056
18	2035	ALT1	EB	AM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	25424	1448	26872	51	50	7938	452	8390
19	2035	ALT1	EB	AM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	25813	1511	27324	56	50	5785	339	6124
20	2035	ALT1	EB	AM	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	22285	1332	23617	55	50	11818	706	12524
21	2035	ALT1	EB	AM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	23225	1426	24651	58	50	1234	76	1310

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
22	2035	ALT1	EB	AM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	19540	1114	20654	58	50	4852	277	5129
23	2035	ALT1	EB	AM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	16154	960	17114	58	50	4955	294	5249
24	2035	ALT1	EB	AM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	20663	1171	21834	59	50	4477	254	4731
25	2035	ALT1	EB	AM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	20837	1177	22014	57	50	2933	166	3099
26	2035	ALT1	EB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	19476	1038	20514	59	50	24920	1328	26248
27	2035	ALT1	EB	AM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	19916	1097	21013	61	50	18412	1014	19426
28	2035	ALT1	EB	AM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	17107	904	18011	61	50	10421	551	10972
29	2035	ALT1	EB	AM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	19945	1010	20955	61	50	7110	360	7470
30	2035	ALT1	EB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	19111	946	20057	62	50	12103	599	12702
31	2035	ALT1	EB	AM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	20571	984	21555	61	50	9218	441	9659
32	2035	ALT1	EB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	19337	942	20279	59	50	10360	505	10865
33	2035	ALT1	EB	AM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	21221	976	22197	58	50	9943	457	10400
34	2035	ALT1	EB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	18908	911	19819	57	50	12053	581	12634
35	2035	ALT1	EB	AM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	21345	940	22285	58	50	6602	291	6893
36	2035	ALT1	EB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	21345	940	22285	58	50	7910	348	8258
37	2035	ALT1	EB	AM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	21345	940	22285	58	50	10654	469	11123
38	2035	ALT1	EB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	19495	803	20298	56	50	16547	682	17229
39	2035	ALT1	EB	AM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	21021	834	21855	58	50	16721	663	17384
40	2035	ALT1	EB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	18577	765	19342	60	50	10717	441	11158
41	2035	ALT1	EB	AM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	20637	820	21457	59	50	4118	164	4282
42	2035	ALT1	EB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	19701	793	20494	56	50	12997	523	13520
43	2035	ALT1	EB	AM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	20777	810	21587	59	50	5414	211	5625
44	2035	ALT1	EB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	20777	810	21587	59	50	8561	334	8895
45	2035	ALT1	EB	AM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	19956	789	20745	59	50	3584	142	3726
46	2035	ALT1	EB	AM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	18906	752	19658	57	50	10009	398	10407
47	2035	ALT1	EB	AM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	19544	764	20308	59	50	549	21	570
48	2035	ALT1	EB	AM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	18431	739	19170	60	50	11164	448	11612
49	2035	ALT1	EB	AM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	19089	752	19841	59	50	924	36	960
50	2035	ALT1	EB	AM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	15625	632	16257	59	50	14717	595	15312
51	2035	ALT1	EB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	22257	928	23185	56	50	2440	102	2542
52	2035	ALT1	EB	AM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	27736	1157	28893	54	50	3591	150	3741
53	2035	ALT1	EB	AM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	25084	1130	26214	52	50	2727	123	2850
54	2035	ALT1	EB	AM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	23078	1067	24145	48	48	14574	674	15248
55	2035	ALT1	EB	AM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	23764	1096	24860	54	50	6714	310	7024
56	2035	ALT1	EB	AM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	21426	1052	22478	51	50	8658	425	9083
57	2035	ALT1	EB	AM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	21679	1057	22736	60	50	4510	220	4730
58	2035	ALT1	EB	AM	Mainline		Mountain View Ave Off-Ramp	23991	0.79	19081	981	20062	59	50	15082	775	15857
59	2035	ALT1	EB	AM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	20121	1020	21141	61	50	3693	187	3880
60	2035	ALT1	EB	AM	Mainline		California St Off-Ramp to Califc	24075	0.84	17712	962	18674	60	50	14905	810	15715
61	2035	ALT1	EB	AM	Mainline		California St On-Ramp to Alaba	24046	0.18	18125	979	19104	62	50	3186	172	3358
62	2035	ALT1	EB	AM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	15845	937	16782	63	50	6204	367	6571
63	2035	ALT1	EB	AM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	13465	856	14321	62	50	2378	151	2529
64	2035	ALT1	EB	AM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	11156	776	11932	62	50	7176	499	7675
65	2035	ALT1	EB	AM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	11578	792	12370	62	50	2297	157	2454
66	2035	ALT1	EB	AM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	16205	1483	17688	61	50	820	75	895
67	2035	ALT1	EB	AM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	13562	1431	14993	60	50	5842	616	6458
68	2035	ALT1	EB	AM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	14236	1450	15686	62	50	4231	431	4662
69	2035	ALT1	EB	AM	Mainline		University St Off-Ramp to Cypr	23724	0.80	12154	1401	13555	61	50	9669	1115	10784
70	2035	ALT1	EB	AM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	12499	1408	13907	63	50	5722	645	6367

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Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
71	2035	ALT1	EB	AM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	8436	1381	9817	63	50	5484	898	6382
72	2035	ALT1	EB	AM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	9286	1394	10680	64	50	5478	822	6300
73	2035	ALT1	EB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1592	44	1636	18	18	301	8	309
74	2035	ALT1	EB	AM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1641	52	1693	14	14	212	7	219
75	2035	ALT1	EB	AM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	1866	52	1918	15	15	243	7	250
76	2035	ALT1	EB	AM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	1808	53	1861	13	13	339	10	349
77	2035	ALT1	EB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	1708	44	1752	17	17	276	7	283
78	2035	ALT1	EB	AM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2349	61	2410	8	8	274	7	281
79	2035	ALT1	EB	AM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	2205	56	2261	10	10	323	8	331
80	2035	ALT1	EB	AM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1980	40	2020	11	11	693	14	707
81	2035	ALT1	EB	AM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	2377	100	2477	25	25	755	32	787
82	2035	ALT1	EB	AM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3327	53	3380	14	14	783	12	795
83	2035	ALT1	EB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1718	121	1839	27	27	175	12	187
84	2035	ALT1	EB	AM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	3252	56	3308	27	27	407	7	414
85	2035	ALT1	EB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	2820	219	3039	29	29	820	64	884
86	2035	ALT1	EB	AM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	2918	196	3114	21	21	665	45	710
87	2035	ALT1	EB	AM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	746	32	778	17	17	173	7	180
88	2035	ALT1	EB	AM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2824	141	2965	21	21	401	20	421
89	2035	ALT1	EB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	755	30	785	17	17	92	4	96
90	2035	ALT1	EB	AM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	389	63	452	18	18	109	18	127
91	2035	ALT1	EB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3527	180	3707	17	17	623	32	655
92	2035	ALT1	EB	AM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	941	94	1035	16	16	182	18	200
93	2035	ALT1	EB	AM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	3685	312	3997	31	31	4091	346	4437
94	2035	ALT1	EB	AM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3386	154	3540	20	20	1953	89	2042
95	2035	ALT1	EB	AM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	4509	211	4720	10	10	503	24	527
96	2035	ALT1	EB	AM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	174	6	180	35	35	208	7	215
97	2035	ALT1	EB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1362	139	1501	27	27	267	27	294
98	2035	ALT1	EB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	441	59	500	29	29	158	21	179
99	2035	ALT1	EB	AM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	2810	193	3003	29	29	573	39	612
100	2035	ALT1	EB	AM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2837	107	2944	27	27	874	33	907
101	2035	ALT1	EB	AM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	832	65	897	34	34	287	22	309
102	2035	ALT1	EB	AM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1459	39	1498	29	29	431	12	443
103	2035	ALT1	EB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1235	42	1277	33	33	165	6	171
104	2035	ALT1	EB	AM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1884	34	1918	18	18	505	9	514
105	2035	ALT1	EB	AM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2312	65	2377	25	25	271	8	279
106	2035	ALT1	EB	AM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2435	30	2465	7	7	71	1	72
107	2035	ALT1	EB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	1043	58	1101	23	23	373	21	394
108	2035	ALT1	EB	AM	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1474	19	1493	15	15	506	7	513
109	2035	ALT1	EB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2281	99	2380	25	25	417	18	435
110	2035	ALT1	EB	AM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1527	31	1558	19	19	628	13	641
111	2035	ALT1	EB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	2444	69	2513	31	31	307	9	316
112	2035	ALT1	EB	AM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	2061	54	2115	18	18	622	16	638
113	2035	ALT1	EB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	937	27	964	24	24	286	8	294
114	2035	ALT1	EB	AM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1076	17	1093	17	17	394	6	400
115	2035	ALT1	EB	AM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2035	ALT1	EB	AM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	541	7	548	19	19	172	2	174
117	2035	ALT1	EB	AM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1050	37	1087	23	23	260	9	269
118	2035	ALT1	EB	AM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	638	12	650	20	20	180	3	183
119	2035	ALT1	EB	AM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1113	25	1138	23	23	468	11	479

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
120	2035	ALT1	EB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	658	13	671	20	20	171	3	174
121	2035	ALT1	EB	AM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	3463	121	3584	34	34	815	28	843
122	2035	ALT1	EB	AM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	6631	296	6927	25	25	5763	257	6020
123	2035	ALT1	EB	AM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	5479	229	5708	28	28	4154	174	4328
124	2035	ALT1	EB	AM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2652	26	2678	3	3	241	2	243
125	2035	ALT1	EB	AM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	2006	64	2070	9	9	499	16	515
126	2035	ALT1	EB	AM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	686	29	715	18	18	95	4	99
127	2035	ALT1	EB	AM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2338	44	2382	6	6	589	11	600
128	2035	ALT1	EB	AM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	253	5	258	19	19	26	1	27
129	2035	ALT1	EB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2598	76	2674	8	8	763	22	785
130	2035	ALT1	EB	AM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	1041	38	1079	29	29	237	9	246
131	2035	ALT1	EB	AM	Ramp	OFF	California St Off-Ramp	94801	0.46	2409	58	2467	11	11	1097	26	1123
132	2035	ALT1	EB	AM	Ramp	ON	California St On-Ramp	95942	0.39	413	17	430	29	29	160	7	167
133	2035	ALT1	EB	AM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2280	42	2322	14	14	989	18	1007
134	2035	ALT1	EB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2379	82	2461	29	29	1968	68	2036
135	2035	ALT1	EB	AM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2310	79	2389	13	13	793	27	820
136	2035	ALT1	EB	AM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	422	16	438	19	19	45	2	47
137	2035	ALT1	EB	AM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	4627	691	5318	26	26	4911	733	5644
138	2035	ALT1	EB	AM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2642	52	2694	4	4	235	5	240
139	2035	ALT1	EB	AM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	673	19	692	18	18	199	6	205
140	2035	ALT1	EB	AM	Ramp	OFF	University St Off-Ramp	94695	0.28	2083	48	2131	12	12	582	13	595
141	2035	ALT1	EB	AM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	345	7	352	29	29	104	2	106
142	2035	ALT1	EB	AM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1355	27	1382	26	26	372	7	379
143	2035	ALT1	EB	AM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	850	13	863	29	29	320	5	325
144	2035	ALT1	EB	AM	HOV		LA County Line to Monte Vista	2779145	0.26	2803		2803	52	50	718		718
145	2035	ALT1	EB	AM	HOV		Monte Vista Ave Off-Ramp to M	2779145	0.68	2803		2803	52	50	1896		1896
146	2035	ALT1	EB	AM	HOV		Monte Vista Ave/Palo Verde St	2779145	0.03	2803		2803	52	50	82		82
147	2035	ALT1	EB	AM	HOV		Central Ave Off-Ramp to Centr	2779145	0.57	2803		2803	52	50	1603		1603
148	2035	ALT1	EB	AM	HOV		Central Ave On-Ramp to Moun	2779145	0.21	2803		2803	52	50	583		583
149	2035	ALT1	EB	AM	HOV		Mountain Ave Off-Ramp to Mc	2779147	0.34	3049		3049	51	50	1045		1045
150	2035	ALT1	EB	AM	HOV		Mountain Ave On-Ramp to Euc	2779147	0.48	3049		3049	51	50	1457		1457
151	2035	ALT1	EB	AM	HOV		Euclid Ave Off-Ramp to Euclid /	2779147	0.65	3049		3049	51	50	1968		1968
152	2035	ALT1	EB	AM	HOV		Euclid Ave On-Ramp to San Ber	2779147	0.51	3049		3049	51	50	1561		1561
153	2035	ALT1	EB	AM	HOV		San Bernardino Ave/4th St Off-	2779157	0.17	3571		3571	53	50	614		614
154	2035	ALT1	EB	AM	HOV		San Bernardino Ave/4th St On-	2779157	0.33	3571		3571	53	50	1175		1175
155	2035	ALT1	EB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2779157	0.24	3571		3571	53	50	873		873
156	2035	ALT1	EB	AM	HOV		Vineyard Ave On-Ramp to Arch	2779157	0.19	3571		3571	53	50	687		687
157	2035	ALT1	EB	AM	HOV		Archibald Ave Off-Ramp to Hol	2779157	0.34	3571		3571	53	50	1209		1209
158	2035	ALT1	EB	AM	HOV		Holt Blvd On-Ramp to Archibal	2779157	0.39	3571		3571	53	50	1393		1393
159	2035	ALT1	EB	AM	HOV		Archibald Ave On-Ramp to Hav	2779161	0.22	4316		4316	40	40	963		963
160	2035	ALT1	EB	AM	HOV		Haven Ave Off-Ramp to Haven	2779161	0.42	4316		4316	40	40	1795		1795
161	2035	ALT1	EB	AM	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2035	ALT1	EB	AM	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2035	ALT1	EB	AM	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2035	ALT1	EB	AM	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2035	ALT1	EB	AM	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2035	ALT1	EB	AM	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2035	ALT1	EB	AM	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2035	ALT1	EB	AM	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
169	2035	ALT1	EB	AM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2035	ALT1	EB	AM	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2035	ALT1	EB	AM	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2035	ALT1	EB	AM	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citr							50			
173	2035	ALT1	EB	AM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2035	ALT1	EB	AM	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2035	ALT1	EB	AM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2035	ALT1	EB	AM	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2035	ALT1	EB	AM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2035	ALT1	EB	AM	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2035	ALT1	EB	AM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2035	ALT1	EB	AM	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2035	ALT1	EB	AM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2035	ALT1	EB	AM	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2035	ALT1	EB	AM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2035	ALT1	EB	AM	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2035	ALT1	EB	AM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2035	ALT1	EB	AM	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2035	ALT1	EB	AM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2035	ALT1	EB	AM	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2035	ALT1	EB	AM	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9tl							50			
190	2035	ALT1	EB	AM	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2035	ALT1	EB	AM	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2035	ALT1	EB	AM	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2035	ALT1	EB	AM	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2035	ALT1	EB	AM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2035	ALT1	EB	AM	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2035	ALT1	EB	AM	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Rar							50			
197	2035	ALT1	EB	AM	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2035	ALT1	EB	AM	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2035	ALT1	EB	AM	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2035	ALT1	EB	AM	HOV		Anderson St On-Ramp to Mountain View Ave Off-F							50			
201	2035	ALT1	EB	AM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2035	ALT1	EB	AM	HOV		Mountain View Ave On-Ramp to California St Off-F							50			
203	2035	ALT1	EB	AM	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2035	ALT1	EB	AM	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2035	ALT1	EB	AM	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2035	ALT1	EB	AM	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2035	ALT1	EB	AM	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2035	ALT1	EB	AM	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2035	ALT1	EB	AM	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2035	ALT1	EB	AM	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2035	ALT1	EB	AM	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2035	ALT1	EB	AM	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2035	ALT1	EB	AM	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2035	ALT1	EB	AM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2035	ALT1	EB	AM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2035	ALT1	EB	MD	Mainline		LA County Line to Monte Vista	25707	0.26	35644	4629	40273	56	50	9133	1186	10319
2	2035	ALT1	EB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	32760	4495	37255	57	50	22159	3040	25199

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
3	2035	ALT1	EB	MD	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	35142	4644	39786	59	50	1026	136	1162
4	2035	ALT1	EB	MD	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	31783	4494	36277	58	50	18179	2570	20749
5	2035	ALT1	EB	MD	Mainline		Central Ave On-Ramp to Moun	23488	0.21	35103	4607	39710	59	50	7301	958	8259
6	2035	ALT1	EB	MD	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	31550	4486	36036	58	50	10818	1538	12356
7	2035	ALT1	EB	MD	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	35531	4665	40196	56	50	16983	2230	19213
8	2035	ALT1	EB	MD	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	31357	4495	35852	58	50	20236	2901	23137
9	2035	ALT1	EB	MD	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	34384	4620	39004	56	50	17601	2365	19966
10	2035	ALT1	EB	MD	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	29105	4345	33450	59	50	5007	747	5754
11	2035	ALT1	EB	MD	Mainline		San Bernardino Ave/4th St On-	23534	0.33	33615	4501	38116	57	50	11061	1481	12542
12	2035	ALT1	EB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	30120	4183	34303	58	50	7364	1023	8387
13	2035	ALT1	EB	MD	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	34677	4351	39028	62	50	6671	837	7508
14	2035	ALT1	EB	MD	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	30829	3776	34605	61	50	10435	1278	11713
15	2035	ALT1	EB	MD	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	36991	4261	41252	58	50	14430	1662	16092
16	2035	ALT1	EB	MD	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	36473	4375	40848	58	50	8140	976	9116
17	2035	ALT1	EB	MD	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	32964	3993	36957	56	50	13712	1661	15373
18	2035	ALT1	EB	MD	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	44965	4082	49047	54	50	14039	1274	15313
19	2035	ALT1	EB	MD	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	46591	4239	50830	57	50	10441	950	11391
20	2035	ALT1	EB	MD	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	41069	3765	44834	56	50	21779	1997	23776
21	2035	ALT1	EB	MD	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	44207	3977	48184	58	50	2348	211	2559
22	2035	ALT1	EB	MD	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	36103	3005	39108	59	50	8965	746	9711
23	2035	ALT1	EB	MD	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	30382	2548	32930	58	50	9318	781	10099
24	2035	ALT1	EB	MD	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	38694	3091	41785	59	50	8383	670	9053
25	2035	ALT1	EB	MD	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	39635	3134	42769	57	50	5579	441	6020
26	2035	ALT1	EB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	37890	2754	40644	59	50	48482	3524	52006
27	2035	ALT1	EB	MD	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	39387	2912	42299	61	50	36413	2692	39105
28	2035	ALT1	EB	MD	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	33893	2411	36304	61	50	20647	1469	22116
29	2035	ALT1	EB	MD	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	38191	2684	40875	61	50	13614	957	14571
30	2035	ALT1	EB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	36224	2506	38730	62	50	22941	1587	24528
31	2035	ALT1	EB	MD	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	38021	2606	40627	61	50	17038	1168	18206
32	2035	ALT1	EB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	35456	2495	37951	60	50	18995	1337	20332
33	2035	ALT1	EB	MD	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	37843	2583	40426	59	50	17731	1210	18941
34	2035	ALT1	EB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	33150	2392	35542	58	50	21131	1525	22656
35	2035	ALT1	EB	MD	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	36734	2471	39205	60	50	11362	764	12126
36	2035	ALT1	EB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	36734	2471	39205	60	50	13613	916	14529
37	2035	ALT1	EB	MD	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	36734	2471	39205	60	50	18335	1233	19568
38	2035	ALT1	EB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	32030	2129	34159	59	50	27187	1807	28994
39	2035	ALT1	EB	MD	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	33964	2213	36177	61	50	27017	1760	28777
40	2035	ALT1	EB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	30513	2039	32552	62	50	17602	1176	18778
41	2035	ALT1	EB	MD	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	34061	2186	36247	61	50	6797	436	7233
42	2035	ALT1	EB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	32052	2121	34173	59	50	21145	1399	22544
43	2035	ALT1	EB	MD	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	34027	2169	36196	61	50	8866	565	9431
44	2035	ALT1	EB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	34027	2169	36196	61	50	14020	894	14914
45	2035	ALT1	EB	MD	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	32721	2113	34834	61	50	5876	379	6255
46	2035	ALT1	EB	MD	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	30806	2018	32824	59	50	16308	1068	17376
47	2035	ALT1	EB	MD	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	32223	2050	34273	61	50	904	58	962
48	2035	ALT1	EB	MD	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	30267	1986	32253	61	50	18334	1203	19537
49	2035	ALT1	EB	MD	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	31657	2024	33681	60	50	1532	98	1630
50	2035	ALT1	EB	MD	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	27174	1747	28921	60	50	25595	1646	27241
51	2035	ALT1	EB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	39486	2550	42036	58	50	4328	280	4608

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
52	2035	ALT1	EB	MD	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	50037	3251	53288	56	50	6479	421	6900
53	2035	ALT1	EB	MD	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	45454	3145	48599	55	50	4941	342	5283
54	2035	ALT1	EB	MD	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	42659	2991	45650	50	50	26939	1889	28828
55	2035	ALT1	EB	MD	Mainline		Waterman Ave On-Ramp to An	24356	0.28	44677	3073	47750	55	50	12622	868	13490
56	2035	ALT1	EB	MD	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	40811	2915	43726	52	50	16491	1178	17669
57	2035	ALT1	EB	MD	Mainline		Anderson St On-Ramp to Mour	24003	0.21	42406	2928	45334	60	50	8823	609	9432
58	2035	ALT1	EB	MD	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	38180	2704	40884	59	50	30179	2137	32316
59	2035	ALT1	EB	MD	Mainline		Mountain View Ave On-Ramp t	24040	0.18	41633	2808	44441	61	50	7642	515	8157
60	2035	ALT1	EB	MD	Mainline		California St Off-Ramp to Califc	24075	0.84	37983	2624	40607	59	50	31964	2208	34172
61	2035	ALT1	EB	MD	Mainline		California St On-Ramp to Alaba	24046	0.18	39799	2670	42469	61	50	6995	469	7464
62	2035	ALT1	EB	MD	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	35811	2543	38354	62	50	14022	996	15018
63	2035	ALT1	EB	MD	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	30824	2359	33183	61	50	5445	417	5862
64	2035	ALT1	EB	MD	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	26822	2132	28954	60	50	17253	1371	18624
65	2035	ALT1	EB	MD	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	28968	2174	31142	60	50	5748	431	6179
66	2035	ALT1	EB	MD	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	36946	3902	40848	59	50	1869	197	2066
67	2035	ALT1	EB	MD	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	32136	3747	35883	58	50	13843	1614	15457
68	2035	ALT1	EB	MD	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	33853	3797	37650	60	50	10062	1129	11191
69	2035	ALT1	EB	MD	Mainline		University St Off-Ramp to Cypr	23724	0.80	29821	3675	33496	59	50	23723	2923	26646
70	2035	ALT1	EB	MD	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	30718	3697	34415	62	50	14062	1692	15754
71	2035	ALT1	EB	MD	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	19964	3643	23607	63	50	12979	2368	15347
72	2035	ALT1	EB	MD	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	22764	3674	26438	64	50	13430	2167	15597
73	2035	ALT1	EB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2884	134	3018	19	19	545	25	570
74	2035	ALT1	EB	MD	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2382	149	2531	16	16	308	19	327
75	2035	ALT1	EB	MD	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3359	150	3509	16	16	437	19	456
76	2035	ALT1	EB	MD	Ramp	ON	Central Ave On-Ramp	2668755	0.19	3320	113	3433	14	14	622	21	643
77	2035	ALT1	EB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3153	120	3273	18	18	510	19	529
78	2035	ALT1	EB	MD	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	3981	179	4160	11	11	464	21	485
79	2035	ALT1	EB	MD	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	4174	170	4344	11	11	612	25	637
80	2035	ALT1	EB	MD	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	3027	125	3152	14	14	1059	44	1103
81	2035	ALT1	EB	MD	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	4328	275	4603	26	26	1374	87	1461
82	2035	ALT1	EB	MD	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	4509	156	4665	17	17	1061	37	1098
83	2035	ALT1	EB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	3495	318	3813	27	27	356	32	388
84	2035	ALT1	EB	MD	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	5142	168	5310	28	28	644	21	665
85	2035	ALT1	EB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	3848	575	4423	31	31	1119	167	1286
86	2035	ALT1	EB	MD	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	6162	485	6647	20	20	1405	111	1516
87	2035	ALT1	EB	MD	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1509	114	1623	17	17	350	26	376
88	2035	ALT1	EB	MD	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	3509	382	3891	25	25	498	54	552
89	2035	ALT1	EB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1493	89	1582	17	17	182	11	193
90	2035	ALT1	EB	MD	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1626	157	1783	17	17	455	44	499
91	2035	ALT1	EB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	5522	474	5996	21	21	975	84	1059
92	2035	ALT1	EB	MD	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3137	213	3350	12	12	607	41	648
93	2035	ALT1	EB	MD	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	8102	973	9075	30	30	8994	1080	10074
94	2035	ALT1	EB	MD	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	5722	456	6178	22	22	3300	263	3563
95	2035	ALT1	EB	MD	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	8313	542	8855	12	12	927	60	987
96	2035	ALT1	EB	MD	Ramp	ON	I-15 SB On-Ramp	23557	1.20	941	43	984	35	35	1126	51	1177
97	2035	ALT1	EB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1745	380	2125	28	28	343	75	418
98	2035	ALT1	EB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1498	157	1655	28	28	536	56	592
99	2035	ALT1	EB	MD	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	5494	501	5995	29	29	1120	102	1222
100	2035	ALT1	EB	MD	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	4297	274	4571	28	28	1324	84	1408

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
101	2035	ALT1	EB	MD	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	1967	178	2145	34	34	678	61	739
102	2035	ALT1	EB	MD	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1797	100	1897	29	29	530	30	560
103	2035	ALT1	EB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2565	111	2676	33	33	343	15	358
104	2035	ALT1	EB	MD	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2387	88	2475	19	19	640	24	664
105	2035	ALT1	EB	MD	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	4693	191	4884	25	25	550	22	572
106	2035	ALT1	EB	MD	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3584	79	3663	13	13	105	2	107
107	2035	ALT1	EB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2394	150	2544	21	21	857	54	911
108	2035	ALT1	EB	MD	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	2232	53	2285	17	17	766	18	784
109	2035	ALT1	EB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4539	247	4786	25	25	830	45	875
110	2035	ALT1	EB	MD	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1934	84	2018	19	19	795	35	830
111	2035	ALT1	EB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	3451	174	3625	32	32	433	22	455
112	2035	ALT1	EB	MD	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3548	147	3695	18	18	1070	44	1114
113	2035	ALT1	EB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2008	65	2073	23	23	613	20	633
114	2035	ALT1	EB	MD	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1975	48	2023	17	17	723	18	741
115	2035	ALT1	EB	MD	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2035	ALT1	EB	MD	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	890	20	910	19	19	283	6	289
117	2035	ALT1	EB	MD	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1916	94	2010	24	24	475	23	498
118	2035	ALT1	EB	MD	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1417	32	1449	19	19	401	9	410
119	2035	ALT1	EB	MD	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1956	64	2020	24	24	822	27	849
120	2035	ALT1	EB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1389	38	1427	19	19	361	10	371
121	2035	ALT1	EB	MD	Ramp	OFF	I-215 Off-Ramp	24444	0.24	4483	276	4759	34	34	1054	65	1119
122	2035	ALT1	EB	MD	Ramp	ON	I-215 NB On-Ramp	24630	0.87	12313	802	13115	26	26	10701	697	11398
123	2035	ALT1	EB	MD	Ramp	ON	I-215 SB On-Ramp	24516	0.76	10549	702	11251	28	28	7997	532	8529
124	2035	ALT1	EB	MD	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	4583	106	4689	6	6	417	10	427
125	2035	ALT1	EB	MD	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	2794	154	2948	17	17	695	38	733
126	2035	ALT1	EB	MD	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2018	82	2100	16	16	281	11	292
127	2035	ALT1	EB	MD	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3868	157	4025	10	10	974	40	1014
128	2035	ALT1	EB	MD	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1595	13	1608	17	17	164	1	165
129	2035	ALT1	EB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	4226	224	4450	15	15	1241	66	1307
130	2035	ALT1	EB	MD	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	3453	105	3558	29	29	787	24	811
131	2035	ALT1	EB	MD	Ramp	OFF	California St Off-Ramp	94801	0.46	3650	185	3835	20	20	1661	84	1745
132	2035	ALT1	EB	MD	Ramp	ON	California St On-Ramp	95942	0.39	1817	46	1863	28	28	704	18	722
133	2035	ALT1	EB	MD	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	3988	127	4115	18	18	1729	55	1784
134	2035	ALT1	EB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	4986	185	5171	29	29	4125	153	4278
135	2035	ALT1	EB	MD	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	4004	226	4230	17	17	1374	78	1452
136	2035	ALT1	EB	MD	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2146	42	2188	17	17	227	4	231
137	2035	ALT1	EB	MD	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	7980	1727	9707	27	27	8469	1833	10302
138	2035	ALT1	EB	MD	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	4812	154	4966	7	7	429	14	443
139	2035	ALT1	EB	MD	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1717	50	1767	18	18	509	15	524
140	2035	ALT1	EB	MD	Ramp	OFF	University St Off-Ramp	94695	0.28	4031	122	4153	12	12	1127	34	1161
141	2035	ALT1	EB	MD	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	898	21	919	29	29	272	6	278
142	2035	ALT1	EB	MD	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3370	54	3424	23	23	926	15	941
143	2035	ALT1	EB	MD	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	2800	31	2831	29	29	1055	12	1067
144	2035	ALT1	EB	MD	HOV		LA County Line to Monte Vista	2779145	0.26	6546		6546	49	49	1677		1677
145	2035	ALT1	EB	MD	HOV		Monte Vista Ave Off-Ramp to M	2779145	0.68	6546		6546	49	49	4428		4428
146	2035	ALT1	EB	MD	HOV		Monte Vista Ave/Palo Verde St	2779145	0.03	6546		6546	49	49	191		191
147	2035	ALT1	EB	MD	HOV		Central Ave Off-Ramp to Centr	2779145	0.57	6546		6546	49	49	3744		3744
148	2035	ALT1	EB	MD	HOV		Central Ave On-Ramp to Moun	2779145	0.21	6546		6546	49	49	1361		1361
149	2035	ALT1	EB	MD	HOV		Mountain Ave Off-Ramp to Mc	2779147	0.34	6946		6946	48	48	2382		2382

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
150	2035	ALT1	EB	MD	HOV		Mountain Ave On-Ramp to Euc	2779147	0.48	6946		6946	48	48	3320		3320
151	2035	ALT1	EB	MD	HOV		Euclid Ave Off-Ramp to Euclid /	2779147	0.65	6946		6946	48	48	4483		4483
152	2035	ALT1	EB	MD	HOV		Euclid Ave On-Ramp to San Be	2779147	0.51	6946		6946	48	48	3556		3556
153	2035	ALT1	EB	MD	HOV		San Bernardino Ave/4th St Off-	2779157	0.17	8481		8481	50	50	1459		1459
154	2035	ALT1	EB	MD	HOV		San Bernardino Ave/4th St On-	2779157	0.33	8481		8481	50	50	2791		2791
155	2035	ALT1	EB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2779157	0.24	8481		8481	50	50	2073		2073
156	2035	ALT1	EB	MD	HOV		Vineyard Ave On-Ramp to Arch	2779157	0.19	8481		8481	50	50	1632		1632
157	2035	ALT1	EB	MD	HOV		Archibald Ave Off-Ramp to Hol	2779157	0.34	8481		8481	50	50	2871		2871
158	2035	ALT1	EB	MD	HOV		Holt Blvd On-Ramp to Archibal	2779157	0.39	8481		8481	50	50	3308		3308
159	2035	ALT1	EB	MD	HOV		Archibald Ave On-Ramp to Hav	2779161	0.22	10508		10508	32	32	2345		2345
160	2035	ALT1	EB	MD	HOV		Haven Ave Off-Ramp to Haven	2779161	0.42	10508		10508	32	32	4371		4371
161	2035	ALT1	EB	MD	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2035	ALT1	EB	MD	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2035	ALT1	EB	MD	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2035	ALT1	EB	MD	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2035	ALT1	EB	MD	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2035	ALT1	EB	MD	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2035	ALT1	EB	MD	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2035	ALT1	EB	MD	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2035	ALT1	EB	MD	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2035	ALT1	EB	MD	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2035	ALT1	EB	MD	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2035	ALT1	EB	MD	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citr							50			
173	2035	ALT1	EB	MD	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2035	ALT1	EB	MD	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2035	ALT1	EB	MD	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2035	ALT1	EB	MD	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2035	ALT1	EB	MD	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2035	ALT1	EB	MD	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2035	ALT1	EB	MD	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2035	ALT1	EB	MD	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2035	ALT1	EB	MD	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2035	ALT1	EB	MD	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2035	ALT1	EB	MD	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2035	ALT1	EB	MD	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2035	ALT1	EB	MD	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2035	ALT1	EB	MD	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2035	ALT1	EB	MD	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2035	ALT1	EB	MD	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2035	ALT1	EB	MD	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th							50			
190	2035	ALT1	EB	MD	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2035	ALT1	EB	MD	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2035	ALT1	EB	MD	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2035	ALT1	EB	MD	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2035	ALT1	EB	MD	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2035	ALT1	EB	MD	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2035	ALT1	EB	MD	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Ran							50			
197	2035	ALT1	EB	MD	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2035	ALT1	EB	MD	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
199	2035	ALT1	EB	MD	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2035	ALT1	EB	MD	HOV		Anderson St On-Ramp to Mountain View Ave Off-f							50			
201	2035	ALT1	EB	MD	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2035	ALT1	EB	MD	HOV		Mountain View Ave On-Ramp to California St Off-f							50			
203	2035	ALT1	EB	MD	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2035	ALT1	EB	MD	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2035	ALT1	EB	MD	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2035	ALT1	EB	MD	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2035	ALT1	EB	MD	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2035	ALT1	EB	MD	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2035	ALT1	EB	MD	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2035	ALT1	EB	MD	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2035	ALT1	EB	MD	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2035	ALT1	EB	MD	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2035	ALT1	EB	MD	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2035	ALT1	EB	MD	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2035	ALT1	EB	MD	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2035	ALT1	EB	PM	Mainline		LA County Line to Monte Vista	25707	0.26	36245	1200	37445	37	37	9287	307	9594
2	2035	ALT1	EB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	33608	1145	34753	45	45	22732	774	23506
3	2035	ALT1	EB	PM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	35899	1244	37143	51	50	1048	36	1084
4	2035	ALT1	EB	PM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	33107	1178	34285	46	46	18937	674	19611
5	2035	ALT1	EB	PM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	35696	1246	36942	52	50	7424	259	7683
6	2035	ALT1	EB	PM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	32468	1198	33666	48	48	11132	411	11543
7	2035	ALT1	EB	PM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	35339	1310	36649	39	39	16891	626	17517
8	2035	ALT1	EB	PM	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	31966	1255	33221	48	48	20629	810	21439
9	2035	ALT1	EB	PM	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	34244	1334	35578	43	43	17530	683	18213
10	2035	ALT1	EB	PM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	29134	1216	30350	53	50	5012	209	5221
11	2035	ALT1	EB	PM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	32213	1300	33513	48	48	10600	428	11028
12	2035	ALT1	EB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	29803	1171	30974	52	50	7286	286	7572
13	2035	ALT1	EB	PM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	34623	1306	35929	57	50	6661	251	6912
14	2035	ALT1	EB	PM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	30486	1167	31653	56	50	10319	395	10714
15	2035	ALT1	EB	PM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	35649	1407	37056	49	49	13907	549	14456
16	2035	ALT1	EB	PM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	36286	1444	37730	48	48	8099	322	8421
17	2035	ALT1	EB	PM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	33693	1320	35013	42	42	14016	549	14565
18	2035	ALT1	EB	PM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	42881	1363	44244	28	28	13388	426	13814
19	2035	ALT1	EB	PM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	45411	1449	46860	39	39	10177	325	10502
20	2035	ALT1	EB	PM	Mainline		Milliken Ave Off-Ramp to Millil	23622	0.53	42113	1251	43364	32	32	22333	663	22996
21	2035	ALT1	EB	PM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	44853	1335	46188	42	42	2382	71	2453
22	2035	ALT1	EB	PM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	37267	1149	38416	47	47	9254	285	9539
23	2035	ALT1	EB	PM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	32700	934	33634	45	45	10029	286	10315
24	2035	ALT1	EB	PM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	39471	1448	40919	50	50	8552	314	8866
25	2035	ALT1	EB	PM	Mainline		I-15 SB On-Ramp to Etiwanda /	24162	0.14	39793	1462	41255	40	40	5602	206	5808
26	2035	ALT1	EB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	38000	1324	39324	36	36	48622	1694	50316
27	2035	ALT1	EB	PM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	39977	1441	41418	49	49	36959	1332	38291
28	2035	ALT1	EB	PM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	35242	1335	36577	47	47	21469	813	22282
29	2035	ALT1	EB	PM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	40492	1530	42022	47	47	14434	545	14979
30	2035	ALT1	EB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	38754	1463	40217	52	50	24544	927	25471
31	2035	ALT1	EB	PM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	40396	1521	41917	48	48	18102	682	18784
32	2035	ALT1	EB	PM	Mainline		Citrus Ave Off-Ramp to Citrus /	24532	0.54	36859	1450	38309	41	41	19747	777	20524

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
33	2035	ALT1	EB	PM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	38947	1512	40459	45	45	18248	708	18956
34	2035	ALT1	EB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	34701	1430	36131	41	41	22119	912	23031
35	2035	ALT1	EB	PM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	37839	1483	39322	47	47	11704	459	12163
36	2035	ALT1	EB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	37839	1483	39322	47	47	14022	550	14572
37	2035	ALT1	EB	PM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	37839	1483	39322	47	47	18887	740	19627
38	2035	ALT1	EB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	32768	1366	34134	46	46	27813	1159	28972
39	2035	ALT1	EB	PM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	34680	1437	36117	53	50	27587	1143	28730
40	2035	ALT1	EB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	31034	1307	32341	55	50	17903	754	18657
41	2035	ALT1	EB	PM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	34498	1389	35887	53	50	6885	277	7162
42	2035	ALT1	EB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	32424	1356	33780	47	47	21391	895	22286
43	2035	ALT1	EB	PM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	33804	1384	35188	54	50	8808	361	9169
44	2035	ALT1	EB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	33804	1384	35188	54	50	13929	570	14499
45	2035	ALT1	EB	PM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	32427	1356	33783	55	50	5823	244	6067
46	2035	ALT1	EB	PM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	30939	1306	32245	50	50	16379	691	17070
47	2035	ALT1	EB	PM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	32688	1331	34019	55	50	917	37	954
48	2035	ALT1	EB	PM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	31101	1290	32391	56	50	18839	781	19620
49	2035	ALT1	EB	PM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	32319	1313	33632	54	50	1564	64	1628
50	2035	ALT1	EB	PM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	26528	1081	27609	54	50	24987	1018	26005
51	2035	ALT1	EB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	36532	1402	37934	48	48	4004	154	4158
52	2035	ALT1	EB	PM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	42731	1691	44422	46	46	5533	219	5752
53	2035	ALT1	EB	PM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	39430	1632	41062	40	40	4286	177	4463
54	2035	ALT1	EB	PM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	37549	1490	39039	26	26	23712	941	24653
55	2035	ALT1	EB	PM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	39336	1521	40857	41	41	11113	430	11543
56	2035	ALT1	EB	PM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	36818	1451	38269	30	30	14878	586	15464
57	2035	ALT1	EB	PM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	38807	1457	40264	51	50	8074	303	8377
58	2035	ALT1	EB	PM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	36184	1362	37546	44	44	28601	1077	29678
59	2035	ALT1	EB	PM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	40067	1424	41491	49	49	7354	261	7615
60	2035	ALT1	EB	PM	Mainline		California St Off-Ramp to Califc	24075	0.84	37846	1313	39159	37	37	31849	1105	32954
61	2035	ALT1	EB	PM	Mainline		California St On-Ramp to Alaba	24046	0.18	41083	1350	42433	46	46	7220	237	7457
62	2035	ALT1	EB	PM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	38544	1271	39815	52	50	15092	498	15590
63	2035	ALT1	EB	PM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	32301	1175	33476	53	50	5705	208	5913
64	2035	ALT1	EB	PM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	29593	1073	30666	52	50	19035	690	19725
65	2035	ALT1	EB	PM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	31311	1083	32394	50	50	6212	215	6427
66	2035	ALT1	EB	PM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	40461	2239	42700	36	36	2047	113	2160
67	2035	ALT1	EB	PM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	36926	2159	39085	27	27	15907	930	16837
68	2035	ALT1	EB	PM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	38896	2185	41081	42	42	11561	649	12210
69	2035	ALT1	EB	PM	Mainline		University St Off-Ramp to Cypr	23724	0.80	35953	2153	38106	32	32	28601	1713	30314
70	2035	ALT1	EB	PM	Mainline		Cypress Ave On-Ramp to Ford S	23642	0.46	38078	2177	40255	51	50	17431	997	18428
71	2035	ALT1	EB	PM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	29495	2163	31658	55	50	19175	1406	20581
72	2035	ALT1	EB	PM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	34259	2225	36484	59	50	20211	1313	21524
73	2035	ALT1	EB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2637	55	2692	13	13	499	10	509
74	2035	ALT1	EB	PM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2291	99	2390	13	13	296	13	309
75	2035	ALT1	EB	PM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2792	66	2858	12	12	363	9	372
76	2035	ALT1	EB	PM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2590	68	2658	12	12	485	13	498
77	2035	ALT1	EB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3074	48	3122	9	9	497	8	505
78	2035	ALT1	EB	PM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2872	112	2984	9	9	335	13	348
79	2035	ALT1	EB	PM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3373	55	3428	6	6	494	8	502
80	2035	ALT1	EB	PM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2278	79	2357	13	13	797	28	825
81	2035	ALT1	EB	PM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	4721	117	4838	21	21	1499	37	1536

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
82	2035	ALT1	EB	PM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3078	84	3162	17	17	724	20	744
83	2035	ALT1	EB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	2409	130	2539	27	27	245	13	258
84	2035	ALT1	EB	PM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	5098	136	5234	26	26	639	17	656
85	2035	ALT1	EB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4136	139	4275	28	28	1203	40	1243
86	2035	ALT1	EB	PM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5163	239	5402	16	16	1177	54	1231
87	2035	ALT1	EB	PM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1718	37	1755	15	15	399	9	408
88	2035	ALT1	EB	PM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2593	124	2717	25	25	368	18	386
89	2035	ALT1	EB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1167	43	1210	17	17	143	5	148
90	2035	ALT1	EB	PM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	2530	86	2616	10	10	708	24	732
91	2035	ALT1	EB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3298	198	3496	23	23	582	35	617
92	2035	ALT1	EB	PM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2741	83	2824	9	9	530	16	546
93	2035	ALT1	EB	PM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	7587	185	7772	28	28	8422	205	8627
94	2035	ALT1	EB	PM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	4566	216	4782	19	19	2634	125	2759
95	2035	ALT1	EB	PM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	6771	514	7285	4	4	755	57	812
96	2035	ALT1	EB	PM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	322	14	336	35	35	385	17	402
97	2035	ALT1	EB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1793	138	1931	27	27	352	27	379
98	2035	ALT1	EB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1976	117	2093	27	27	707	42	749
99	2035	ALT1	EB	PM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4735	106	4841	26	26	965	22	987
100	2035	ALT1	EB	PM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	5249	196	5445	26	26	1618	60	1678
101	2035	ALT1	EB	PM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	1739	67	1806	33	33	600	23	623
102	2035	ALT1	EB	PM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1644	57	1701	29	29	485	17	502
103	2035	ALT1	EB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	3538	70	3608	30	30	473	9	482
104	2035	ALT1	EB	PM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2087	62	2149	19	19	560	17	577
105	2035	ALT1	EB	PM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	4245	82	4327	22	22	498	10	508
106	2035	ALT1	EB	PM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3137	53	3190	8	8	92	2	94
107	2035	ALT1	EB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2001	36	2037	19	19	716	13	729
108	2035	ALT1	EB	PM	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1552	28	1580	16	16	533	10	543
109	2035	ALT1	EB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4623	109	4732	21	21	845	20	865
110	2035	ALT1	EB	PM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1913	71	1984	19	19	787	29	816
111	2035	ALT1	EB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	3646	130	3776	30	30	457	16	473
112	2035	ALT1	EB	PM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3464	82	3546	17	17	1045	25	1070
113	2035	ALT1	EB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2073	33	2106	18	18	633	10	643
114	2035	ALT1	EB	PM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1380	28	1408	17	17	505	10	515
115	2035	ALT1	EB	PM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2035	ALT1	EB	PM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	695	14	709	19	19	221	4	225
117	2035	ALT1	EB	PM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1489	49	1538	22	22	369	12	381
118	2035	ALT1	EB	PM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1750	24	1774	19	19	495	7	502
119	2035	ALT1	EB	PM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1587	41	1628	22	22	667	17	684
120	2035	ALT1	EB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1217	24	1241	19	19	316	6	322
121	2035	ALT1	EB	PM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	5790	232	6022	33	33	1362	55	1417
122	2035	ALT1	EB	PM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	10004	321	10325	23	23	8694	279	8973
123	2035	ALT1	EB	PM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	6198	290	6488	30	30	4699	220	4919
124	2035	ALT1	EB	PM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3301	59	3360	4	4	300	5	305
125	2035	ALT1	EB	PM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1881	142	2023	16	16	468	35	503
126	2035	ALT1	EB	PM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1789	30	1819	14	14	249	4	253
127	2035	ALT1	EB	PM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2518	70	2588	11	11	634	18	652
128	2035	ALT1	EB	PM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1989	6	1995	14	14	204	1	205
129	2035	ALT1	EB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2624	94	2718	18	18	771	28	799
130	2035	ALT1	EB	PM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	3883	62	3945	27	27	885	14	899

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
131	2035	ALT1	EB	PM	Ramp	OFF	California St Off-Ramp	94801	0.46	2221	111	2332	22	22	1011	51	1062
132	2035	ALT1	EB	PM	Ramp	ON	California St On-Ramp	95942	0.39	3236	37	3273	24	24	1254	14	1268
133	2035	ALT1	EB	PM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2539	79	2618	19	19	1101	34	1135
134	2035	ALT1	EB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	6243	96	6339	28	28	5164	79	5243
135	2035	ALT1	EB	PM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2708	102	2810	17	17	929	35	964
136	2035	ALT1	EB	PM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1718	10	1728	16	16	182	1	183
137	2035	ALT1	EB	PM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	9150	1156	10306	22	22	9711	1227	10938
138	2035	ALT1	EB	PM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	3535	80	3615	4	4	315	7	322
139	2035	ALT1	EB	PM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1970	26	1996	15	15	584	8	592
140	2035	ALT1	EB	PM	Ramp	OFF	University St Off-Ramp	94695	0.28	2944	31	2975	10	10	823	9	832
141	2035	ALT1	EB	PM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	2125	24	2149	27	27	643	7	650
142	2035	ALT1	EB	PM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	2736	14	2750	18	18	752	4	756
143	2035	ALT1	EB	PM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	4764	62	4826	26	26	1794	23	1817
144	2035	ALT1	EB	PM	HOV		LA County Line to Monte Vista	2779145	0.26	6116		6116	40	40	1567		1567
145	2035	ALT1	EB	PM	HOV		Monte Vista Ave Off-Ramp to M	2779145	0.68	6116		6116	40	40	4137		4137
146	2035	ALT1	EB	PM	HOV		Monte Vista Ave/Palo Verde St	2779145	0.03	6116		6116	40	40	179		179
147	2035	ALT1	EB	PM	HOV		Central Ave Off-Ramp to Centr	2779145	0.57	6116		6116	40	40	3498		3498
148	2035	ALT1	EB	PM	HOV		Central Ave On-Ramp to Moun	2779145	0.21	6116		6116	40	40	1272		1272
149	2035	ALT1	EB	PM	HOV		Mountain Ave Off-Ramp to Mc	2779147	0.34	6271		6271	39	39	2150		2150
150	2035	ALT1	EB	PM	HOV		Mountain Ave On-Ramp to Euc	2779147	0.48	6271		6271	39	39	2997		2997
151	2035	ALT1	EB	PM	HOV		Euclid Ave Off-Ramp to Euclid /	2779147	0.65	6271		6271	39	39	4047		4047
152	2035	ALT1	EB	PM	HOV		Euclid Ave On-Ramp to San Be	2779147	0.51	6271		6271	39	39	3210		3210
153	2035	ALT1	EB	PM	HOV		San Bernardino Ave/4th St Off-	2779157	0.17	6940		6940	43	43	1194		1194
154	2035	ALT1	EB	PM	HOV		San Bernardino Ave/4th St On-	2779157	0.33	6940		6940	43	43	2284		2284
155	2035	ALT1	EB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2779157	0.24	6940		6940	43	43	1697		1697
156	2035	ALT1	EB	PM	HOV		Vineyard Ave On-Ramp to Arch	2779157	0.19	6940		6940	43	43	1335		1335
157	2035	ALT1	EB	PM	HOV		Archibald Ave Off-Ramp to Hol	2779157	0.34	6940		6940	43	43	2349		2349
158	2035	ALT1	EB	PM	HOV		Holt Blvd On-Ramp to Archibal	2779157	0.39	6940		6940	43	43	2707		2707
159	2035	ALT1	EB	PM	HOV		Archibald Ave On-Ramp to Hav	2779161	0.22	8021		8021	25	25	1790		1790
160	2035	ALT1	EB	PM	HOV		Haven Ave Off-Ramp to Haven	2779161	0.42	8021		8021	25	25	3337		3337
161	2035	ALT1	EB	PM	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2035	ALT1	EB	PM	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2035	ALT1	EB	PM	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2035	ALT1	EB	PM	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2035	ALT1	EB	PM	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2035	ALT1	EB	PM	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2035	ALT1	EB	PM	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2035	ALT1	EB	PM	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2035	ALT1	EB	PM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2035	ALT1	EB	PM	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2035	ALT1	EB	PM	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2035	ALT1	EB	PM	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citr							50			
173	2035	ALT1	EB	PM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2035	ALT1	EB	PM	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2035	ALT1	EB	PM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2035	ALT1	EB	PM	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2035	ALT1	EB	PM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2035	ALT1	EB	PM	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2035	ALT1	EB	PM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
180	2035	ALT1	EB	PM	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2035	ALT1	EB	PM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2035	ALT1	EB	PM	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2035	ALT1	EB	PM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2035	ALT1	EB	PM	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2035	ALT1	EB	PM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2035	ALT1	EB	PM	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2035	ALT1	EB	PM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2035	ALT1	EB	PM	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2035	ALT1	EB	PM	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9tl							50			
190	2035	ALT1	EB	PM	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2035	ALT1	EB	PM	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2035	ALT1	EB	PM	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2035	ALT1	EB	PM	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2035	ALT1	EB	PM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2035	ALT1	EB	PM	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2035	ALT1	EB	PM	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Rar							50			
197	2035	ALT1	EB	PM	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2035	ALT1	EB	PM	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2035	ALT1	EB	PM	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2035	ALT1	EB	PM	HOV		Anderson St On-Ramp to Mountain View Ave Off-F							50			
201	2035	ALT1	EB	PM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2035	ALT1	EB	PM	HOV		Mountain View Ave On-Ramp to California St Off-F							50			
203	2035	ALT1	EB	PM	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2035	ALT1	EB	PM	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2035	ALT1	EB	PM	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2035	ALT1	EB	PM	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2035	ALT1	EB	PM	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2035	ALT1	EB	PM	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2035	ALT1	EB	PM	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2035	ALT1	EB	PM	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2035	ALT1	EB	PM	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2035	ALT1	EB	PM	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2035	ALT1	EB	PM	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2035	ALT1	EB	PM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2035	ALT1	EB	PM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2035	ALT1	EB	NT	Mainline		LA County Line to Monte Vista	25707	0.26	25490	8543	34033	62	50	6531	2189	8720
2	2035	ALT1	EB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	24226	8474	32700	62	50	16386	5732	22118
3	2035	ALT1	EB	NT	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	25370	8568	33938	63	50	741	250	991
4	2035	ALT1	EB	NT	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	23228	8436	31664	62	50	13286	4825	18111
5	2035	ALT1	EB	NT	Mainline		Central Ave On-Ramp to Moun	23488	0.21	25450	8554	34004	63	50	5293	1779	7072
6	2035	ALT1	EB	NT	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	22639	8433	31072	63	50	7762	2891	10653
7	2035	ALT1	EB	NT	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	25288	8600	33888	62	50	12087	4111	16198
8	2035	ALT1	EB	NT	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	21821	8406	30227	62	50	14082	5425	19507
9	2035	ALT1	EB	NT	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	23694	8510	32204	62	50	12129	4356	16485
10	2035	ALT1	EB	NT	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	20331	8301	28632	63	50	3498	1428	4926
11	2035	ALT1	EB	NT	Mainline		San Bernardino Ave/4th St On-	23534	0.33	22723	8408	31131	62	50	7477	2767	10244
12	2035	ALT1	EB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	21269	8122	29391	63	50	5200	1986	7186
13	2035	ALT1	EB	NT	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	22897	8227	31124	64	50	4405	1583	5988

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
14	2035	ALT1	EB	NT	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	19103	7862	26965	64	50	6466	2661	9127
15	2035	ALT1	EB	NT	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	23308	8413	31721	63	50	9093	3282	12375
16	2035	ALT1	EB	NT	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	23784	8501	32285	63	50	5308	1897	7205
17	2035	ALT1	EB	NT	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	21909	8144	30053	62	50	9114	3388	12502
18	2035	ALT1	EB	NT	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	28979	8244	37223	62	50	9048	2574	11622
19	2035	ALT1	EB	NT	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	30014	8423	38437	63	50	6726	1888	8614
20	2035	ALT1	EB	NT	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	27559	8025	35584	63	50	14615	4256	18871
21	2035	ALT1	EB	NT	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	29699	8284	37983	63	50	1578	440	2018
22	2035	ALT1	EB	NT	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	23029	4257	27286	63	50	5718	1057	6775
23	2035	ALT1	EB	NT	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	19442	3725	23167	63	50	5963	1142	7105
24	2035	ALT1	EB	NT	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	24325	4134	28459	63	50	5270	896	6166
25	2035	ALT1	EB	NT	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	24901	4177	29078	63	50	3505	588	4093
26	2035	ALT1	EB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	24240	3864	28104	64	50	31016	4944	35960
27	2035	ALT1	EB	NT	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	24895	3988	28883	64	50	23015	3687	26702
28	2035	ALT1	EB	NT	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	20489	3484	23973	64	50	12482	2122	14604
29	2035	ALT1	EB	NT	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	23067	3734	26801	64	50	8223	1331	9554
30	2035	ALT1	EB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	22341	3621	25962	64	50	14149	2293	16442
31	2035	ALT1	EB	NT	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	23154	3709	26863	64	50	10376	1662	12038
32	2035	ALT1	EB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	21256	3613	24869	64	50	11388	1936	13324
33	2035	ALT1	EB	NT	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	22585	3692	26277	64	50	10582	1730	12312
34	2035	ALT1	EB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	19585	3500	23085	63	50	12484	2231	14715
35	2035	ALT1	EB	NT	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	21500	3565	25065	64	50	6650	1103	7753
36	2035	ALT1	EB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	21500	3565	25065	64	50	7967	1321	9288
37	2035	ALT1	EB	NT	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	21500	3565	25065	64	50	10731	1779	12510
38	2035	ALT1	EB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	17895	3236	21131	64	50	15189	2747	17936
39	2035	ALT1	EB	NT	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	18866	3293	22159	64	50	15007	2619	17626
40	2035	ALT1	EB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	17363	3168	20531	64	50	10016	1828	11844
41	2035	ALT1	EB	NT	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	19303	3304	22607	64	50	3852	659	4511
42	2035	ALT1	EB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	17787	3241	21028	64	50	11734	2138	13872
43	2035	ALT1	EB	NT	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	18877	3288	22165	64	50	4919	857	5776
44	2035	ALT1	EB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	18877	3288	22165	64	50	7778	1355	9133
45	2035	ALT1	EB	NT	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	18172	3242	21414	64	50	3263	582	3845
46	2035	ALT1	EB	NT	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	16738	3132	19870	64	50	8861	1658	10519
47	2035	ALT1	EB	NT	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	17420	3160	20580	64	50	489	89	578
48	2035	ALT1	EB	NT	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	16436	3115	19551	64	50	9956	1887	11843
49	2035	ALT1	EB	NT	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	17082	3144	20226	64	50	827	152	979
50	2035	ALT1	EB	NT	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	15389	2942	18331	64	50	14495	2771	17266
51	2035	ALT1	EB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	23700	3791	27491	63	50	2598	416	3014
52	2035	ALT1	EB	NT	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	30763	4649	35412	63	50	3983	602	4585
53	2035	ALT1	EB	NT	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	27392	4326	31718	63	50	2978	470	3448
54	2035	ALT1	EB	NT	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	27268	4308	31576	62	50	17220	2720	19940
55	2035	ALT1	EB	NT	Mainline		Waterman Ave On-Ramp to An	24356	0.28	28643	4388	33031	63	50	8092	1240	9332
56	2035	ALT1	EB	NT	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	25472	4157	29629	62	50	10293	1680	11973
57	2035	ALT1	EB	NT	Mainline		Anderson St On-Ramp to Mour	24003	0.21	26495	4169	30664	64	50	5512	867	6379
58	2035	ALT1	EB	NT	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	24295	3981	28276	64	50	19203	3147	22350
59	2035	ALT1	EB	NT	Mainline		Mountain View Ave On-Ramp t	24040	0.18	26910	4084	30994	64	50	4939	750	5689
60	2035	ALT1	EB	NT	Mainline		California St Off-Ramp to Califc	24075	0.84	25241	3878	29119	64	50	21241	3263	24504
61	2035	ALT1	EB	NT	Mainline		California St On-Ramp to Alaba	24046	0.18	26449	3917	30366	64	50	4648	688	5336
62	2035	ALT1	EB	NT	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	23762	3733	27495	64	50	9304	1462	10766

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
63	2035	ALT1	EB	NT	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	20949	3569	24518	64	50	3700	630	4330
64	2035	ALT1	EB	NT	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	18493	3366	21859	63	50	11895	2165	14060
65	2035	ALT1	EB	NT	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	19995	3405	23400	63	50	3967	676	4643
66	2035	ALT1	EB	NT	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	23763	4263	28026	64	50	1202	216	1418
67	2035	ALT1	EB	NT	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	20861	4095	24956	63	50	8986	1764	10750
68	2035	ALT1	EB	NT	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	22069	4134	26203	64	50	6559	1229	7788
69	2035	ALT1	EB	NT	Mainline		University St Off-Ramp to Cypr	23724	0.80	18745	4015	22760	63	50	14912	3194	18106
70	2035	ALT1	EB	NT	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	19385	4028	23413	64	50	8874	1844	10718
71	2035	ALT1	EB	NT	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	13460	3993	17453	64	50	8750	2596	11346
72	2035	ALT1	EB	NT	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	14583	4015	18598	65	50	8603	2369	10972
73	2035	ALT1	EB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1265	68	1333	28	28	239	13	252
74	2035	ALT1	EB	NT	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1144	94	1238	19	19	148	12	160
75	2035	ALT1	EB	NT	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2143	132	2275	26	26	279	17	296
76	2035	ALT1	EB	NT	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2222	118	2340	18	18	416	22	438
77	2035	ALT1	EB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	2487	121	2608	25	25	402	20	422
78	2035	ALT1	EB	NT	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2650	167	2817	18	18	309	19	328
79	2035	ALT1	EB	NT	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3468	194	3662	23	23	508	28	536
80	2035	ALT1	EB	NT	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1873	104	1977	18	18	655	36	691
81	2035	ALT1	EB	NT	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	2890	209	3099	29	29	918	66	984
82	2035	ALT1	EB	NT	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	2392	107	2499	19	19	563	25	588
83	2035	ALT1	EB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1454	286	1740	29	29	148	29	177
84	2035	ALT1	EB	NT	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2443	105	2548	30	30	306	13	319
85	2035	ALT1	EB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	3794	365	4159	33	33	1103	106	1209
86	2035	ALT1	EB	NT	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	4205	551	4756	27	27	959	126	1085
87	2035	ALT1	EB	NT	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1149	88	1237	19	19	267	20	287
88	2035	ALT1	EB	NT	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	1875	357	2232	29	29	266	51	317
89	2035	ALT1	EB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	994	100	1094	19	19	121	12	133
90	2035	ALT1	EB	NT	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1035	179	1214	19	19	290	50	340
91	2035	ALT1	EB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2455	397	2852	28	28	433	70	503
92	2035	ALT1	EB	NT	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2140	259	2399	17	17	414	50	464
93	2035	ALT1	EB	NT	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	6670	4027	10697	31	31	7404	4470	11874
94	2035	ALT1	EB	NT	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3587	532	4119	31	31	2069	307	2376
95	2035	ALT1	EB	NT	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	4883	409	5292	30	30	544	46	590
96	2035	ALT1	EB	NT	Ramp	ON	I-15 SB On-Ramp	23557	1.20	576	43	619	35	35	689	51	740
97	2035	ALT1	EB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	662	313	975	29	29	130	61	191
98	2035	ALT1	EB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	655	124	779	30	30	234	44	278
99	2035	ALT1	EB	NT	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4406	504	4910	33	33	898	103	1001
100	2035	ALT1	EB	NT	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2578	250	2828	29	29	794	77	871
101	2035	ALT1	EB	NT	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	726	113	839	35	35	250	39	289
102	2035	ALT1	EB	NT	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	814	87	901	30	30	240	26	266
103	2035	ALT1	EB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1899	95	1994	34	34	254	13	267
104	2035	ALT1	EB	NT	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1329	79	1408	20	20	357	21	378
105	2035	ALT1	EB	NT	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2998	193	3191	29	29	351	23	374
106	2035	ALT1	EB	NT	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	1914	66	1980	18	18	56	2	58
107	2035	ALT1	EB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	1872	153	2025	26	26	670	55	725
108	2035	ALT1	EB	NT	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1295	47	1342	19	19	445	16	461
109	2035	ALT1	EB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	3027	224	3251	29	29	553	41	594
110	2035	ALT1	EB	NT	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	970	58	1028	20	20	399	24	423
111	2035	ALT1	EB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1502	126	1628	34	34	188	16	204

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
112	2035	ALT1	EB	NT	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	1940	136	2076	20	20	585	41	626
113	2035	ALT1	EB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1517	63	1580	27	27	463	19	482
114	2035	ALT1	EB	NT	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1091	47	1138	19	19	399	17	416
115	2035	ALT1	EB	NT	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2035	ALT1	EB	NT	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	425	11	436	20	20	135	4	139
117	2035	ALT1	EB	NT	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1434	110	1544	27	27	356	27	383
118	2035	ALT1	EB	NT	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	682	28	710	20	20	193	8	201
119	2035	ALT1	EB	NT	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	984	45	1029	28	28	414	19	433
120	2035	ALT1	EB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	646	29	675	20	20	168	8	176
121	2035	ALT1	EB	NT	Ramp	OFF	I-215 Off-Ramp	24444	0.24	1693	202	1895	35	35	398	48	446
122	2035	ALT1	EB	NT	Ramp	ON	I-215 NB On-Ramp	24630	0.87	8312	848	9160	33	33	7224	737	7961
123	2035	ALT1	EB	NT	Ramp	ON	I-215 SB On-Ramp	24516	0.76	7063	858	7921	33	33	5355	650	6005
124	2035	ALT1	EB	NT	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3370	323	3693	20	20	307	29	336
125	2035	ALT1	EB	NT	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	125	18	143	30	30	31	4	35
126	2035	ALT1	EB	NT	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1375	80	1455	19	19	191	11	202
127	2035	ALT1	EB	NT	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3171	231	3402	21	21	799	58	857
128	2035	ALT1	EB	NT	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1023	12	1035	19	19	105	1	106
129	2035	ALT1	EB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2200	188	2388	31	31	646	55	701
130	2035	ALT1	EB	NT	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	2614	103	2717	29	29	596	23	619
131	2035	ALT1	EB	NT	Ramp	OFF	California St Off-Ramp	94801	0.46	1669	206	1875	32	32	760	94	854
132	2035	ALT1	EB	NT	Ramp	ON	California St On-Ramp	95942	0.39	1209	39	1248	29	29	468	15	483
133	2035	ALT1	EB	NT	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2687	184	2871	30	30	1165	80	1245
134	2035	ALT1	EB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2813	165	2978	30	30	2327	136	2463
135	2035	ALT1	EB	NT	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2456	203	2659	31	31	843	70	913
136	2035	ALT1	EB	NT	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1502	39	1541	19	19	159	4	163
137	2035	ALT1	EB	NT	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	3768	858	4626	29	29	3999	911	4910
138	2035	ALT1	EB	NT	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2902	168	3070	24	24	259	15	274
139	2035	ALT1	EB	NT	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1208	39	1247	19	19	358	12	370
140	2035	ALT1	EB	NT	Ramp	OFF	University St Off-Ramp	94695	0.28	3323	119	3442	23	23	929	33	962
141	2035	ALT1	EB	NT	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	640	13	653	30	30	194	4	198
142	2035	ALT1	EB	NT	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1502	36	1538	33	33	413	10	423
143	2035	ALT1	EB	NT	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	1123	22	1145	30	30	423	8	431
144	2035	ALT1	EB	NT	HOV		LA County Line to Monte Vista	2779145	0.26	3791		3791	60	50	971		971
145	2035	ALT1	EB	NT	HOV		Monte Vista Ave Off-Ramp to M	2779145	0.68	3791		3791	60	50	2564		2564
146	2035	ALT1	EB	NT	HOV		Monte Vista Ave/Palo Verde St	2779145	0.03	3791		3791	60	50	111		111
147	2035	ALT1	EB	NT	HOV		Central Ave Off-Ramp to Centr	2779145	0.57	3791		3791	60	50	2168		2168
148	2035	ALT1	EB	NT	HOV		Central Ave On-Ramp to Moun	2779145	0.21	3791		3791	60	50	788		788
149	2035	ALT1	EB	NT	HOV		Mountain Ave Off-Ramp to Mc	2779147	0.34	4116		4116	60	50	1411		1411
150	2035	ALT1	EB	NT	HOV		Mountain Ave On-Ramp to Euc	2779147	0.48	4116		4116	60	50	1967		1967
151	2035	ALT1	EB	NT	HOV		Euclid Ave Off-Ramp to Euclid /	2779147	0.65	4116		4116	60	50	2656		2656
152	2035	ALT1	EB	NT	HOV		Euclid Ave On-Ramp to San Ber	2779147	0.51	4116		4116	60	50	2107		2107
153	2035	ALT1	EB	NT	HOV		San Bernardino Ave/4th St Off-	2779157	0.17	5403		5403	61	50	929		929
154	2035	ALT1	EB	NT	HOV		San Bernardino Ave/4th St On-	2779157	0.33	5403		5403	61	50	1778		1778
155	2035	ALT1	EB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2779157	0.24	5403		5403	61	50	1321		1321
156	2035	ALT1	EB	NT	HOV		Vineyard Ave On-Ramp to Arch	2779157	0.19	5403		5403	61	50	1039		1039
157	2035	ALT1	EB	NT	HOV		Archibald Ave Off-Ramp to Hol	2779157	0.34	5403		5403	61	50	1829		1829
158	2035	ALT1	EB	NT	HOV		Holt Blvd On-Ramp to Archibal	2779157	0.39	5403		5403	61	50	2108		2108
159	2035	ALT1	EB	NT	HOV		Archibald Ave On-Ramp to Hav	2779161	0.22	6076		6076	56	50	1356		1356
160	2035	ALT1	EB	NT	HOV		Haven Ave Off-Ramp to Haven	2779161	0.42	6076		6076	56	50	2528		2528

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
161	2035	ALT1	EB	NT	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2035	ALT1	EB	NT	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2035	ALT1	EB	NT	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2035	ALT1	EB	NT	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2035	ALT1	EB	NT	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2035	ALT1	EB	NT	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2035	ALT1	EB	NT	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2035	ALT1	EB	NT	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2035	ALT1	EB	NT	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2035	ALT1	EB	NT	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2035	ALT1	EB	NT	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2035	ALT1	EB	NT	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citru							50			
173	2035	ALT1	EB	NT	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2035	ALT1	EB	NT	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2035	ALT1	EB	NT	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2035	ALT1	EB	NT	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2035	ALT1	EB	NT	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2035	ALT1	EB	NT	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2035	ALT1	EB	NT	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2035	ALT1	EB	NT	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2035	ALT1	EB	NT	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2035	ALT1	EB	NT	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2035	ALT1	EB	NT	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2035	ALT1	EB	NT	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2035	ALT1	EB	NT	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2035	ALT1	EB	NT	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2035	ALT1	EB	NT	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2035	ALT1	EB	NT	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2035	ALT1	EB	NT	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th							50			
190	2035	ALT1	EB	NT	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2035	ALT1	EB	NT	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2035	ALT1	EB	NT	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2035	ALT1	EB	NT	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2035	ALT1	EB	NT	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2035	ALT1	EB	NT	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2035	ALT1	EB	NT	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Ran							50			
197	2035	ALT1	EB	NT	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2035	ALT1	EB	NT	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2035	ALT1	EB	NT	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2035	ALT1	EB	NT	HOV		Anderson St On-Ramp to Mountain View Ave Off-f							50			
201	2035	ALT1	EB	NT	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2035	ALT1	EB	NT	HOV		Mountain View Ave On-Ramp to California St Off-f							50			
203	2035	ALT1	EB	NT	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2035	ALT1	EB	NT	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2035	ALT1	EB	NT	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2035	ALT1	EB	NT	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2035	ALT1	EB	NT	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2035	ALT1	EB	NT	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2035	ALT1	EB	NT	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
210	2035	ALT1	EB	NT	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2035	ALT1	EB	NT	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2035	ALT1	EB	NT	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2035	ALT1	EB	NT	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2035	ALT1	EB	NT	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2035	ALT1	EB	NT	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
216	2035	ALT1	WB	AM	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	24599	1403	26002	55	50	9893	564	10457
217	2035	ALT1	WB	AM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	22236	1370	23606	53	50	17372	1070	18442
218	2035	ALT1	WB	AM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	27492	1384	28876	49	49	13700	690	14390
219	2035	ALT1	WB	AM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	26626	1377	28003	33	33	19945	1031	20976
220	2035	ALT1	WB	AM	Mainline		University St On-Ramp to 6th S	23726	0.38	28785	1398	30183	45	45	10922	530	11452
221	2035	ALT1	WB	AM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	27477	1380	28857	31	31	9882	496	10378
222	2035	ALT1	WB	AM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	29239	1413	30652	43	43	10953	529	11482
223	2035	ALT1	WB	AM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	30609	1444	32053	37	37	5279	249	5528
224	2035	ALT1	WB	AM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	23679	717	24396	50	50	6311	191	6502
225	2035	ALT1	WB	AM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	23013	714	23727	51	50	4016	125	4141
226	2035	ALT1	WB	AM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	21864	702	22566	57	50	17117	550	17667
227	2035	ALT1	WB	AM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	25448	735	26183	58	50	6643	192	6835
228	2035	ALT1	WB	AM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	29363	853	30216	58	50	3572	104	3676
229	2035	ALT1	WB	AM	Mainline		California St Off-Ramp to Califc	24044	0.86	27138	833	27971	45	45	23392	718	24110
230	2035	ALT1	WB	AM	Mainline		California St On-Ramp to Mour	24077	0.19	28295	901	29196	54	50	5445	173	5618
231	2035	ALT1	WB	AM	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	25912	871	26783	49	49	5765	194	5959
232	2035	ALT1	WB	AM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	27789	947	28736	55	50	5744	196	5940
233	2035	ALT1	WB	AM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	26103	940	27043	39	39	19774	712	20486
234	2035	ALT1	WB	AM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	27621	978	28599	47	47	3080	109	3189
235	2035	ALT1	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	25912	949	26861	39	39	12330	452	12782
236	2035	ALT1	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	27067	1019	28086	49	49	7627	287	7914
237	2035	ALT1	WB	AM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	17114	673	17787	57	50	12024	473	12497
238	2035	ALT1	WB	AM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	18090	707	18797	56	50	3786	148	3934
239	2035	ALT1	WB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	18464	714	19178	56	50	3378	131	3509
240	2035	ALT1	WB	AM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	22671	817	23488	56	50	4200	151	4351
241	2035	ALT1	WB	AM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	21365	801	22166	54	50	15519	582	16101
242	2035	ALT1	WB	AM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	22772	835	23607	57	50	1055	39	1094
243	2035	ALT1	WB	AM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	21582	821	22403	53	50	13370	509	13879
244	2035	ALT1	WB	AM	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	22331	845	23176	57	50	1967	74	2041
245	2035	ALT1	WB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	21576	837	22413	53	50	12604	489	13093
246	2035	ALT1	WB	AM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	23039	863	23902	57	50	9599	360	9959
247	2035	ALT1	WB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	21656	838	22494	53	50	12878	498	13376
248	2035	ALT1	WB	AM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	23017	857	23874	57	50	3919	146	4065
249	2035	ALT1	WB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	20839	810	21649	58	50	12299	478	12777
250	2035	ALT1	WB	AM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	23394	894	24288	56	50	19947	762	20709
251	2035	ALT1	WB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	21909	839	22748	53	50	15918	610	16528
252	2035	ALT1	WB	AM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	24615	892	25507	55	50	12896	467	13363
253	2035	ALT1	WB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	24615	892	25507	55	50	9236	335	9571
254	2035	ALT1	WB	AM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	24615	892	25507	55	50	8903	323	9226
255	2035	ALT1	WB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	23137	863	24000	50	50	15963	595	16558
256	2035	ALT1	WB	AM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	24905	891	25796	55	50	9705	347	10052
257	2035	ALT1	WB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	23620	852	24472	49	49	12732	459	13191
258	2035	ALT1	WB	AM	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	26845	922	27767	56	50	11227	386	11613

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
259	2035	ALT1	WB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	25931	892	26823	57	50	16352	562	16914
260	2035	ALT1	WB	AM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	27675	931	28606	55	50	10916	367	11283
261	2035	ALT1	WB	AM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	24589	823	25412	53	50	13535	453	13988
262	2035	ALT1	WB	AM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	28010	909	28919	54	50	35516	1153	36669
263	2035	ALT1	WB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	26609	837	27446	47	47	18069	568	18637
264	2035	ALT1	WB	AM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	27276	896	28172	33	33	7100	233	7333
265	2035	ALT1	WB	AM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	27923	933	28856	47	47	3716	124	3840
266	2035	ALT1	WB	AM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	22973	783	23756	49	49	13032	444	13476
267	2035	ALT1	WB	AM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	29665	950	30615	41	41	3944	126	4070
268	2035	ALT1	WB	AM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	32552	1059	33611	56	50	672	22	694
269	2035	ALT1	WB	AM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	29557	969	30526	42	42	17154	562	17716
270	2035	ALT1	WB	AM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	30384	1069	31453	38	38	7585	267	7852
271	2035	ALT1	WB	AM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	23456	982	24438	47	47	9646	404	10050
272	2035	ALT1	WB	AM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	23962	1019	24981	46	46	6918	294	7212
273	2035	ALT1	WB	AM	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	24609	1077	25686	53	50	6726	294	7020
274	2035	ALT1	WB	AM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	23411	1053	24464	55	50	7596	342	7938
275	2035	ALT1	WB	AM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	19356	892	20248	59	50	12110	558	12668
276	2035	ALT1	WB	AM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	21255	985	22240	61	50	3252	151	3403
277	2035	ALT1	WB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	19680	947	20627	59	50	7116	342	7458
278	2035	ALT1	WB	AM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	20123	1015	21138	59	50	3830	193	4023
279	2035	ALT1	WB	AM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	20966	1030	21996	54	50	7629	375	8004
280	2035	ALT1	WB	AM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	18889	971	19860	56	50	7339	377	7716
281	2035	ALT1	WB	AM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	22281	1048	23329	52	50	5772	271	6043
282	2035	ALT1	WB	AM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	20528	1001	21529	54	50	8179	399	8578
283	2035	ALT1	WB	AM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	22266	1023	23289	52	50	7996	367	8363
284	2035	ALT1	WB	AM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	24186	1049	25235	47	47	10229	444	10673
285	2035	ALT1	WB	AM	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	22212	914	23126	52	50	7250	298	7548
286	2035	ALT1	WB	AM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	24309	944	25253	47	47	6670	259	6929
287	2035	ALT1	WB	AM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	21595	884	22479	53	50	11369	465	11834
288	2035	ALT1	WB	AM	Mainline		Central Ave On-Ramp to Monte	23492	0.05	23786	924	24710	56	50	1200	47	1247
289	2035	ALT1	WB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	22614	869	23483	51	50	12663	487	13150
290	2035	ALT1	WB	AM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	2362	33	2395	31	31	1270	18	1288
291	2035	ALT1	WB	AM	Ramp	ON	Ford St On-Ramp	94684	0.23	1540	14	1554	27	27	348	3	351
292	2035	ALT1	WB	AM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	866	7	873	30	30	240	2	242
293	2035	ALT1	WB	AM	Ramp	ON	University St On-Ramp	94674	0.21	2159	21	2180	10	10	456	4	460
294	2035	ALT1	WB	AM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1307	18	1325	21	21	346	5	351
295	2035	ALT1	WB	AM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	1760	34	1794	13	13	339	7	346
296	2035	ALT1	WB	AM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1371	30	1401	15	15	215	5	220
297	2035	ALT1	WB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	6930	727	7657	22	22	5991	629	6620
298	2035	ALT1	WB	AM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	666	3	669	26	26	45		45
299	2035	ALT1	WB	AM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	1150	11	1161	28	28	416	4	420
300	2035	ALT1	WB	AM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	3585	33	3618	29	29	3576	33	3609
301	2035	ALT1	WB	AM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	3915	118	4033	16	16	468	14	482
302	2035	ALT1	WB	AM	Ramp	OFF	California St Off-Ramp	94793	0.13	2226	20	2246	15	15	288	3	291
303	2035	ALT1	WB	AM	Ramp	ON	California St On-Ramp	2676730	0.11	1157	68	1225	28	28	133	8	141
304	2035	ALT1	WB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2383	30	2413	12	12	278	3	281
305	2035	ALT1	WB	AM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	1878	75	1953	26	26	256	10	266
306	2035	ALT1	WB	AM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1687	6	1693	14	14	366	1	367
307	2035	ALT1	WB	AM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	1519	37	1556	13	13	188	5	193

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
308	2035	ALT1	WB	AM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1710	28	1738	14	14	417	7	424
309	2035	ALT1	WB	AM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	1155	70	1225	15	15	152	9	161
310	2035	ALT1	WB	AM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	9953	346	10299	24	24	1747	61	1808
311	2035	ALT1	WB	AM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	977	34	1011	16	16	322	11	333
312	2035	ALT1	WB	AM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	373	8	381	24	24	198	4	202
313	2035	ALT1	WB	AM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4208	102	4310	31	31	1803	44	1847
314	2035	ALT1	WB	AM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1306	16	1322	21	21	315	4	319
315	2035	ALT1	WB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1406	34	1440	19	19	370	9	379
316	2035	ALT1	WB	AM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1190	14	1204	22	22	254	3	257
317	2035	ALT1	WB	AM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	750	24	774	18	18	235	8	243
318	2035	ALT1	WB	AM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	755	8	763	25	25	202	2	204
319	2035	ALT1	WB	AM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1463	26	1489	19	19	466	8	474
320	2035	ALT1	WB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1383	25	1408	20	20	248	4	252
321	2035	ALT1	WB	AM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1362	18	1380	15	15	462	6	468
322	2035	ALT1	WB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2178	47	2225	10	10	232	5	237
323	2035	ALT1	WB	AM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2554	84	2638	28	28	797	26	823
324	2035	ALT1	WB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1485	55	1540	28	28	194	7	201
325	2035	ALT1	WB	AM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2707	53	2760	16	16	1113	22	1135
326	2035	ALT1	WB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	1016	22	1038	23	23	351	8	359
327	2035	ALT1	WB	AM	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1628	25	1653	14	14	590	9	599
328	2035	ALT1	WB	AM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2091	32	2123	26	26	243	4	247
329	2035	ALT1	WB	AM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1769	27	1796	18	18	433	7	440
330	2035	ALT1	WB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1285	39	1324	28	28	139	4	143
331	2035	ALT1	WB	AM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3225	70	3295	27	27	964	21	985
332	2035	ALT1	WB	AM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	914	30	944	34	34	267	9	276
333	2035	ALT1	WB	AM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1744	39	1783	29	29	602	13	615
334	2035	ALT1	WB	AM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3086	108	3194	28	28	399	14	413
335	2035	ALT1	WB	AM	Ramp	ON	Cherry On-Ramp	95966	0.28	3421	86	3507	27	27	957	24	981
336	2035	ALT1	WB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1401	72	1473	25	25	710	36	746
337	2035	ALT1	WB	AM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	667	59	726	32	32	128	11	139
338	2035	ALT1	WB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	647	37	684	29	29	237	14	251
339	2035	ALT1	WB	AM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	4951	150	5101	42	42	1395	42	1437
340	2035	ALT1	WB	AM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6693	167	6860	26	26	4212	105	4317
341	2035	ALT1	WB	AM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	2887	108	2995	23	23	2894	108	3002
342	2035	ALT1	WB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	2996	89	3085	21	21	603	18	621
343	2035	ALT1	WB	AM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	827	100	927	17	17	146	18	164
344	2035	ALT1	WB	AM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2951	87	3038	21	21	516	15	531
345	2035	ALT1	WB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	507	37	544	18	18	48	4	52
346	2035	ALT1	WB	AM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	708	58	766	17	17	137	11	148
347	2035	ALT1	WB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1801	24	1825	13	13	327	4	331
348	2035	ALT1	WB	AM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4055	161	4216	23	23	2337	93	2430
349	2035	ALT1	WB	AM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	1900	93	1993	25	25	348	17	365
350	2035	ALT1	WB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	1575	38	1613	33	33	506	12	518
351	2035	ALT1	WB	AM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	566	69	635	18	18	90	11	101
352	2035	ALT1	WB	AM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	843	15	858	19	19	172	3	175
353	2035	ALT1	WB	AM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	2076	60	2136	26	26	525	15	540
354	2035	ALT1	WB	AM	Ramp	ON	4th St On-Ramp	2731498	0.26	3391	78	3469	14	14	873	20	893
355	2035	ALT1	WB	AM	Ramp	OFF	7th St Off-Ramp	94628	0.20	1367	47	1414	20	20	277	10	287
356	2035	ALT1	WB	AM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1739	22	1761	13	13	414	5	419

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
357	2035	ALT1	WB	AM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	1918	27	1945	12	12	725	10	735
358	2035	ALT1	WB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	1972	136	2108	12	12	274	19	293
359	2035	ALT1	WB	AM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2096	31	2127	10	10	426	6	432
360	2035	ALT1	WB	AM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2031	60	2091	12	12	271	8	279
361	2035	ALT1	WB	AM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2191	40	2231	9	9	265	5	270
362	2035	ALT1	WB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1173	54	1227	22	22	265	12	277
363	2035	ALT1	WB	AM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1700	21	1721	14	14	561	7	568
364	2035	ALT1	WB	AM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2035	ALT1	WB	AM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2035	ALT1	WB	AM	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2035	ALT1	WB	AM	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2035	ALT1	WB	AM	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2035	ALT1	WB	AM	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2035	ALT1	WB	AM	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2035	ALT1	WB	AM	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2035	ALT1	WB	AM	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2035	ALT1	WB	AM	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2035	ALT1	WB	AM	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2035	ALT1	WB	AM	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2035	ALT1	WB	AM	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2035	ALT1	WB	AM	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2035	ALT1	WB	AM	HOV		California St On-Ramp to Mountain View Ave Off-I							50			
379	2035	ALT1	WB	AM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2035	ALT1	WB	AM	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2035	ALT1	WB	AM	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-I							50			
382	2035	ALT1	WB	AM	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2035	ALT1	WB	AM	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2035	ALT1	WB	AM	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2035	ALT1	WB	AM	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2035	ALT1	WB	AM	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2035	ALT1	WB	AM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2035	ALT1	WB	AM	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2035	ALT1	WB	AM	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2035	ALT1	WB	AM	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2035	ALT1	WB	AM	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2035	ALT1	WB	AM	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2035	ALT1	WB	AM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2035	ALT1	WB	AM	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2035	ALT1	WB	AM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2035	ALT1	WB	AM	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2035	ALT1	WB	AM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2035	ALT1	WB	AM	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2035	ALT1	WB	AM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2035	ALT1	WB	AM	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2035	ALT1	WB	AM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2035	ALT1	WB	AM	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2035	ALT1	WB	AM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2035	ALT1	WB	AM	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2035	ALT1	WB	AM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
406	2035	ALT1	WB	AM	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2035	ALT1	WB	AM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2035	ALT1	WB	AM	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2035	ALT1	WB	AM	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2035	ALT1	WB	AM	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2035	ALT1	WB	AM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2035	ALT1	WB	AM	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2035	ALT1	WB	AM	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2035	ALT1	WB	AM	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2035	ALT1	WB	AM	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2035	ALT1	WB	AM	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2035	ALT1	WB	AM	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2035	ALT1	WB	AM	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2035	ALT1	WB	AM	HOV		Haven Ave Off-Ramp to Haven	2779162	0.41	3976		3976	42	42	1635		1635
420	2035	ALT1	WB	AM	HOV		Haven Ave Loop On-Ramp to H	2779162	0.29	3976		3976	42	42	1148		1148
421	2035	ALT1	WB	AM	HOV		Haven Ave On-Ramp to Archib	2779159	0.27	4037		4037	42	42	1103		1103
422	2035	ALT1	WB	AM	HOV		Archibald Ave Off-Ramp to Hol	2779158	0.32	3571		3571	45	45	1159		1159
423	2035	ALT1	WB	AM	HOV		Holt Blvd Off-Ramp to Archibal	2779158	0.63	3571		3571	45	45	2234		2234
424	2035	ALT1	WB	AM	HOV		Archibald Ave On-Ramp to Vin	2779158	0.15	3571		3571	45	45	546		546
425	2035	ALT1	WB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2779158	0.36	3571		3571	45	45	1291		1291
426	2035	ALT1	WB	AM	HOV		Vineyard Ave Loop On-Ramp to	2779155	0.19	3558		3558	48	48	677		677
427	2035	ALT1	WB	AM	HOV		Vineyard Ave On-Ramp to 4th	2779155	0.36	3558		3558	48	48	1295		1295
428	2035	ALT1	WB	AM	HOV		4th St Off-Ramp to 4th St On-R	2779155	0.39	3558		3558	48	48	1382		1382
429	2035	ALT1	WB	AM	HOV		4th St On-Ramp to 7th St Off-R	2779155	0.26	3558		3558	48	48	922		922
430	2035	ALT1	WB	AM	HOV		7th St Off-Ramp to Euclid Ave	2779151	0.40	3945		3945	45	45	1572		1572
431	2035	ALT1	WB	AM	HOV		Euclid Ave Loop On-Ramp to E	2779151	0.36	3945		3945	45	45	1417		1417
432	2035	ALT1	WB	AM	HOV		Euclid Ave On-Ramp to Mount	2779151	0.42	3945		3945	45	45	1668		1668
433	2035	ALT1	WB	AM	HOV		Mountain Ave Off-Ramp to Mc	2779151	0.33	3945		3945	45	45	1288		1288
434	2035	ALT1	WB	AM	HOV		Mountain Ave On-Ramp to Cer	2779151	0.27	3945		3945	45	45	1083		1083
435	2035	ALT1	WB	AM	HOV		Central Ave Off-Ramp to Centr	2779146	0.53	4629		4629	40	40	2437		2437
436	2035	ALT1	WB	AM	HOV		Central Ave On-Ramp to Mont	2779146	0.05	4629		4629	40	40	234		234
437	2035	ALT1	WB	AM	HOV		Monte Vista Ave Off-Ramp to M	2779146	0.56	4629		4629	40	40	2592		2592
216	2035	ALT1	WB	MD	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	26045	3765	29810	62	50	10474	1514	11988
217	2035	ALT1	WB	MD	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	24462	3732	28194	62	50	19111	2916	22027
218	2035	ALT1	WB	MD	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	36400	3797	40197	61	50	18139	1892	20031
219	2035	ALT1	WB	MD	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	35333	3778	39111	56	50	26467	2830	29297
220	2035	ALT1	WB	MD	Mainline		University St On-Ramp to 6th S	23726	0.38	39302	3887	43189	58	50	14912	1475	16387
221	2035	ALT1	WB	MD	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	37080	3827	40907	55	50	13335	1376	14711
222	2035	ALT1	WB	MD	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	40689	3909	44598	58	50	15242	1464	16706
223	2035	ALT1	WB	MD	Mainline		Orange St On-Ramp to SR-210	24215	0.17	42881	4022	46903	57	50	7395	694	8089
224	2035	ALT1	WB	MD	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	32240	2202	34442	59	50	8593	587	9180
225	2035	ALT1	WB	MD	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	30927	2184	33111	59	50	5397	381	5778
226	2035	ALT1	WB	MD	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	29665	2163	31828	62	50	23224	1693	24917
227	2035	ALT1	WB	MD	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	33783	2249	36032	62	50	8819	587	9406
228	2035	ALT1	WB	MD	Mainline		Alabama St On-Ramp to Califo	24057	0.12	41457	2546	44003	62	50	5044	310	5354
229	2035	ALT1	WB	MD	Mainline		California St Off-Ramp to Califo	24044	0.86	39460	2503	41963	59	50	34013	2157	36170
230	2035	ALT1	WB	MD	Mainline		California St On-Ramp to Mour	24077	0.19	42700	2684	45384	60	50	8217	517	8734
231	2035	ALT1	WB	MD	Mainline		Mountain View Ave Off-Ramp	24041	0.22	39298	2590	41888	59	50	8744	576	9320
232	2035	ALT1	WB	MD	Mainline		Mountain View Ave On-Ramp	23990	0.21	44577	2851	47428	60	50	9215	589	9804

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

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233	2035	ALT1	WB	MD	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	42362	2828	45190	51	50	32091	2142	34233
234	2035	ALT1	WB	MD	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	45861	2915	48776	54	50	5114	325	5439
235	2035	ALT1	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	43267	2821	46088	50	50	20588	1342	21930
236	2035	ALT1	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	46318	2979	49297	54	50	13052	839	13891
237	2035	ALT1	WB	MD	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	27926	1724	29650	59	50	19620	1211	20831
238	2035	ALT1	WB	MD	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	30024	1809	31833	59	50	6283	379	6662
239	2035	ALT1	WB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	30593	1830	32423	58	50	5597	335	5932
240	2035	ALT1	WB	MD	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	38071	2106	40177	59	50	7053	390	7443
241	2035	ALT1	WB	MD	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	35620	2056	37676	57	50	25874	1493	27367
242	2035	ALT1	WB	MD	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	38266	2145	40411	59	50	1773	99	1872
243	2035	ALT1	WB	MD	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	35758	2109	37867	57	50	22152	1307	23459
244	2035	ALT1	WB	MD	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	37164	2171	39335	60	50	3274	191	3465
245	2035	ALT1	WB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	35669	2151	37820	57	50	20836	1257	22093
246	2035	ALT1	WB	MD	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	37830	2220	40050	60	50	15762	925	16687
247	2035	ALT1	WB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	35111	2158	37269	58	50	20879	1283	22162
248	2035	ALT1	WB	MD	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	37071	2217	39288	60	50	6311	377	6688
249	2035	ALT1	WB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	33416	2070	35486	61	50	19722	1222	20944
250	2035	ALT1	WB	MD	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	37864	2291	40155	60	50	32284	1953	34237
251	2035	ALT1	WB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	35270	2189	37459	58	50	25625	1590	27215
252	2035	ALT1	WB	MD	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	38935	2359	41294	59	50	20398	1236	21634
253	2035	ALT1	WB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	38935	2359	41294	59	50	14608	885	15493
254	2035	ALT1	WB	MD	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	38935	2359	41294	59	50	14082	853	14935
255	2035	ALT1	WB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	35639	2361	38000	57	50	24588	1629	26217
256	2035	ALT1	WB	MD	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	38233	2452	40685	59	50	14899	956	15855
257	2035	ALT1	WB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	35758	2356	38114	57	50	19275	1270	20545
258	2035	ALT1	WB	MD	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	39972	2532	42504	61	50	16716	1059	17775
259	2035	ALT1	WB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	38431	2443	40874	61	50	24234	1541	25775
260	2035	ALT1	WB	MD	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	41371	2636	44007	61	50	16318	1040	17358
261	2035	ALT1	WB	MD	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	37739	2395	40134	59	50	20773	1318	22091
262	2035	ALT1	WB	MD	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	42464	2838	45302	60	50	53843	3598	57441
263	2035	ALT1	WB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	40136	2657	42793	58	50	27255	1804	29059
264	2035	ALT1	WB	MD	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	42118	2951	45069	51	50	10963	768	11731
265	2035	ALT1	WB	MD	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	42744	3087	45831	56	50	5688	411	6099
266	2035	ALT1	WB	MD	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	33563	2779	36342	57	50	19040	1577	20617
267	2035	ALT1	WB	MD	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	42804	3753	46557	56	50	5691	499	6190
268	2035	ALT1	WB	MD	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	47715	4109	51824	60	50	985	85	1070
269	2035	ALT1	WB	MD	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	43696	3854	47550	55	50	25360	2237	27597
270	2035	ALT1	WB	MD	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	46619	4163	50782	53	50	11638	1039	12677
271	2035	ALT1	WB	MD	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	33203	3919	37122	56	50	13655	1612	15267
272	2035	ALT1	WB	MD	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	34767	4066	38833	55	50	10037	1174	11211
273	2035	ALT1	WB	MD	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	36638	4265	40903	58	50	10014	1166	11180
274	2035	ALT1	WB	MD	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	35129	4182	39311	59	50	11399	1357	12756
275	2035	ALT1	WB	MD	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	29409	3670	33079	61	50	18399	2296	20695
276	2035	ALT1	WB	MD	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	33849	4143	37992	62	50	5179	634	5813
277	2035	ALT1	WB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	30572	4033	34605	61	50	11054	1458	12512
278	2035	ALT1	WB	MD	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	32391	4266	36657	60	50	6164	812	6976
279	2035	ALT1	WB	MD	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	34775	4300	39075	56	50	12654	1565	14219
280	2035	ALT1	WB	MD	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	30144	4142	34286	58	50	11712	1609	13321
281	2035	ALT1	WB	MD	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	35339	4395	39734	56	50	9155	1139	10294

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
282	2035	ALT1	WB	MD	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	31714	4265	35979	58	50	12635	1699	14334
283	2035	ALT1	WB	MD	Mainline		Euclid Ave Loop On-Ramp to E	1658013	0.36	33781	4320	38101	57	50	12131	1551	13682
284	2035	ALT1	WB	MD	Mainline		Euclid Ave On-Ramp to Mount	23434	0.42	36930	4410	41340	55	50	15619	1865	17484
285	2035	ALT1	WB	MD	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	33062	4140	37202	57	50	10792	1351	12143
286	2035	ALT1	WB	MD	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	36216	4253	40469	56	50	9938	1167	11105
287	2035	ALT1	WB	MD	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	31027	4115	35142	58	50	16334	2166	18500
288	2035	ALT1	WB	MD	Mainline		Central Ave On-Ramp to Mont	23492	0.05	35259	4216	39475	59	50	1779	213	1992
289	2035	ALT1	WB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	33219	4068	37287	57	50	18602	2278	20880
290	2035	ALT1	WB	MD	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1583	33	1616	34	34	851	18	869
291	2035	ALT1	WB	MD	Ramp	ON	Ford St On-Ramp	94684	0.23	3071	65	3136	27	27	693	15	708
292	2035	ALT1	WB	MD	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	1067	19	1086	32	32	296	5	301
293	2035	ALT1	WB	MD	Ramp	ON	University St On-Ramp	94674	0.21	3968	110	4078	11	11	839	23	862
294	2035	ALT1	WB	MD	Ramp	OFF	6th St Off-Ramp	94690	0.26	2221	61	2282	23	23	588	16	604
295	2035	ALT1	WB	MD	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3609	82	3691	13	13	696	16	712
296	2035	ALT1	WB	MD	Ramp	ON	Orange St On-Ramp	2676749	0.16	2193	113	2306	16	16	344	18	362
297	2035	ALT1	WB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	10641	1820	12461	25	25	9200	1573	10773
298	2035	ALT1	WB	MD	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	1311	19	1330	26	26	89	1	90
299	2035	ALT1	WB	MD	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	1263	21	1284	32	32	457	8	465
300	2035	ALT1	WB	MD	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4118	86	4204	29	29	4108	86	4194
301	2035	ALT1	WB	MD	Ramp	ON	Alabama St On-Ramp	2676731	0.12	7673	298	7971	17	17	917	36	953
302	2035	ALT1	WB	MD	Ramp	OFF	California St Off-Ramp	94793	0.13	1996	44	2040	29	29	258	6	264
303	2035	ALT1	WB	MD	Ramp	ON	California St On-Ramp	2676730	0.11	3239	182	3421	26	26	371	21	392
304	2035	ALT1	WB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	3402	94	3496	22	22	397	11	408
305	2035	ALT1	WB	MD	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	5280	261	5541	23	23	720	36	756
306	2035	ALT1	WB	MD	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	2215	23	2238	21	21	481	5	486
307	2035	ALT1	WB	MD	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3499	87	3586	12	12	433	11	444
308	2035	ALT1	WB	MD	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	2593	95	2688	18	18	633	23	656
309	2035	ALT1	WB	MD	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	3050	159	3209	13	13	402	21	423
310	2035	ALT1	WB	MD	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	18392	1255	19647	26	26	3228	220	3448
311	2035	ALT1	WB	MD	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2097	86	2183	16	16	692	28	720
312	2035	ALT1	WB	MD	Ramp	ON	I-215 NB On-Ramp	24504	0.53	570	20	590	25	25	303	11	314
313	2035	ALT1	WB	MD	Ramp	ON	I-215 SB On-Ramp	24517	0.43	7478	276	7754	31	31	3205	118	3323
314	2035	ALT1	WB	MD	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2451	50	2501	22	22	591	12	603
315	2035	ALT1	WB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2646	89	2735	19	19	696	23	719
316	2035	ALT1	WB	MD	Ramp	OFF	9th St Off-Ramp	94928	0.21	2508	36	2544	21	21	535	8	543
317	2035	ALT1	WB	MD	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1405	62	1467	18	18	440	19	459
318	2035	ALT1	WB	MD	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1494	20	1514	26	26	400	5	405
319	2035	ALT1	WB	MD	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2160	69	2229	19	19	688	22	710
320	2035	ALT1	WB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2719	62	2781	20	20	488	11	499
321	2035	ALT1	WB	MD	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1960	59	2019	17	17	665	20	685
322	2035	ALT1	WB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	3655	147	3802	15	15	390	16	406
323	2035	ALT1	WB	MD	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	4448	221	4669	28	28	1389	69	1458
324	2035	ALT1	WB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	2594	102	2696	28	28	339	13	352
325	2035	ALT1	WB	MD	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3663	171	3834	18	18	1507	70	1577
326	2035	ALT1	WB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	2223	57	2280	23	23	769	20	789
327	2035	ALT1	WB	MD	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	2552	142	2694	16	16	925	51	976
328	2035	ALT1	WB	MD	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3623	84	3707	27	27	420	10	430
329	2035	ALT1	WB	MD	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2593	91	2684	19	19	635	22	657
330	2035	ALT1	WB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2475	96	2571	28	28	268	10	278

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
331	2035	ALT1	WB	MD	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	4213	177	4390	28	28	1260	53	1313
332	2035	ALT1	WB	MD	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1540	89	1629	34	34	450	26	476
333	2035	ALT1	WB	MD	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2941	192	3133	29	29	1015	66	1081
334	2035	ALT1	WB	MD	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3633	241	3874	32	32	470	31	501
335	2035	ALT1	WB	MD	Ramp	ON	Cherry On-Ramp	95966	0.28	4726	443	5169	28	28	1322	124	1446
336	2035	ALT1	WB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	2329	181	2510	27	27	1180	92	1272
337	2035	ALT1	WB	MD	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1982	294	2276	30	30	381	57	438
338	2035	ALT1	WB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	627	135	762	29	29	230	49	279
339	2035	ALT1	WB	MD	Ramp	OFF	I-15 Off-Ramp	24554	0.28	9180	308	9488	43	43	2586	87	2673
340	2035	ALT1	WB	MD	Ramp	ON	I-15 SB On-Ramp	23554	0.63	9240	974	10214	29	29	5814	613	6427
341	2035	ALT1	WB	MD	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4912	356	5268	25	25	4925	357	5282
342	2035	ALT1	WB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	4019	256	4275	25	25	809	52	861
343	2035	ALT1	WB	MD	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2924	309	3233	13	13	517	55	572
344	2035	ALT1	WB	MD	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	3783	243	4026	25	25	662	43	705
345	2035	ALT1	WB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	1564	147	1711	17	17	149	14	163
346	2035	ALT1	WB	MD	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1990	199	2189	16	16	386	39	425
347	2035	ALT1	WB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	3604	83	3687	12	12	654	15	669
348	2035	ALT1	WB	MD	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	5720	512	6232	28	28	3296	295	3591
349	2035	ALT1	WB	MD	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4439	474	4913	24	24	813	87	900
350	2035	ALT1	WB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	3276	111	3387	33	33	1053	36	1089
351	2035	ALT1	WB	MD	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	2109	234	2343	16	16	336	37	373
352	2035	ALT1	WB	MD	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	2385	33	2418	19	19	485	7	492
353	2035	ALT1	WB	MD	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	4632	157	4789	25	25	1172	40	1212
354	2035	ALT1	WB	MD	Ramp	ON	4th St On-Ramp	2731498	0.26	5195	253	5448	16	16	1338	65	1403
355	2035	ALT1	WB	MD	Ramp	OFF	7th St Off-Ramp	94628	0.20	2796	130	2926	20	20	567	26	593
356	2035	ALT1	WB	MD	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	2067	55	2122	17	17	493	13	506
357	2035	ALT1	WB	MD	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	3149	90	3239	14	14	1190	34	1224
358	2035	ALT1	WB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3868	270	4138	12	12	538	38	576
359	2035	ALT1	WB	MD	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	3154	113	3267	14	14	641	23	664
360	2035	ALT1	WB	MD	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	3831	138	3969	14	14	511	18	529
361	2035	ALT1	WB	MD	Ramp	ON	Central Ave On-Ramp	2668754	0.12	4232	101	4333	10	10	512	12	524
362	2035	ALT1	WB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2040	148	2188	23	23	462	33	495
363	2035	ALT1	WB	MD	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	3069	59	3128	14	14	1014	19	1033
364	2035	ALT1	WB	MD	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2035	ALT1	WB	MD	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2035	ALT1	WB	MD	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2035	ALT1	WB	MD	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2035	ALT1	WB	MD	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2035	ALT1	WB	MD	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2035	ALT1	WB	MD	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2035	ALT1	WB	MD	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2035	ALT1	WB	MD	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2035	ALT1	WB	MD	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2035	ALT1	WB	MD	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2035	ALT1	WB	MD	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2035	ALT1	WB	MD	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2035	ALT1	WB	MD	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2035	ALT1	WB	MD	HOV		California St On-Ramp to Mountain View Ave Off-I							50			
379	2035	ALT1	WB	MD	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
380	2035	ALT1	WB	MD	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2035	ALT1	WB	MD	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-f							50			
382	2035	ALT1	WB	MD	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2035	ALT1	WB	MD	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2035	ALT1	WB	MD	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2035	ALT1	WB	MD	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2035	ALT1	WB	MD	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2035	ALT1	WB	MD	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2035	ALT1	WB	MD	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2035	ALT1	WB	MD	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2035	ALT1	WB	MD	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2035	ALT1	WB	MD	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2035	ALT1	WB	MD	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2035	ALT1	WB	MD	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2035	ALT1	WB	MD	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2035	ALT1	WB	MD	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2035	ALT1	WB	MD	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2035	ALT1	WB	MD	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2035	ALT1	WB	MD	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2035	ALT1	WB	MD	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2035	ALT1	WB	MD	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2035	ALT1	WB	MD	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2035	ALT1	WB	MD	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2035	ALT1	WB	MD	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2035	ALT1	WB	MD	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2035	ALT1	WB	MD	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2035	ALT1	WB	MD	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2035	ALT1	WB	MD	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2035	ALT1	WB	MD	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2035	ALT1	WB	MD	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2035	ALT1	WB	MD	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2035	ALT1	WB	MD	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2035	ALT1	WB	MD	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2035	ALT1	WB	MD	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2035	ALT1	WB	MD	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2035	ALT1	WB	MD	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2035	ALT1	WB	MD	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2035	ALT1	WB	MD	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2035	ALT1	WB	MD	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2035	ALT1	WB	MD	HOV		Haven Ave Off-Ramp to Haven	2779162	0.41	9634		9634	36	36	3962		3962
420	2035	ALT1	WB	MD	HOV		Haven Ave Loop On-Ramp to H	2779162	0.29	9634		9634	36	36	2781		2781
421	2035	ALT1	WB	MD	HOV		Haven Ave On-Ramp to Archib	2779159	0.27	9754		9754	35	35	2666		2666
422	2035	ALT1	WB	MD	HOV		Archibald Ave Off-Ramp to Hol	2779158	0.32	8481		8481	40	40	2752		2752
423	2035	ALT1	WB	MD	HOV		Holt Blvd Off-Ramp to Archibal	2779158	0.63	8481		8481	40	40	5306		5306
424	2035	ALT1	WB	MD	HOV		Archibald Ave On-Ramp to Vine	2779158	0.15	8481		8481	40	40	1298		1298
425	2035	ALT1	WB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2779158	0.36	8481		8481	40	40	3067		3067
426	2035	ALT1	WB	MD	HOV		Vineyard Ave Loop On-Ramp to	2779155	0.19	7950		7950	45	45	1513		1513
427	2035	ALT1	WB	MD	HOV		Vineyard Ave On-Ramp to 4th	2779155	0.36	7950		7950	45	45	2893		2893
428	2035	ALT1	WB	MD	HOV		4th St Off-Ramp to 4th St On-R	2779155	0.39	7950		7950	45	45	3089		3089

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
429	2035	ALT1	WB	MD	HOV		4th St On-Ramp to 7th St Off-R	2779155	0.26	7950		7950	45	45	2059		2059
430	2035	ALT1	WB	MD	HOV		7th St Off-Ramp to Euclid Ave I	2779151	0.40	8779		8779	42	42	3498		3498
431	2035	ALT1	WB	MD	HOV		Euclid Ave Loop On-Ramp to E	2779151	0.36	8779		8779	42	42	3153		3153
432	2035	ALT1	WB	MD	HOV		Euclid Ave On-Ramp to Mount	2779151	0.42	8779		8779	42	42	3713		3713
433	2035	ALT1	WB	MD	HOV		Mountain Ave Off-Ramp to Mc	2779151	0.33	8779		8779	42	42	2866		2866
434	2035	ALT1	WB	MD	HOV		Mountain Ave On-Ramp to Cer	2779151	0.27	8779		8779	42	42	2409		2409
435	2035	ALT1	WB	MD	HOV		Central Ave Off-Ramp to Centr	2779146	0.53	10137		10137	36	36	5337		5337
436	2035	ALT1	WB	MD	HOV		Central Ave On-Ramp to Mont	2779146	0.05	10137		10137	36	36	512		512
437	2035	ALT1	WB	MD	HOV		Monte Vista Ave Off-Ramp to M	2779146	0.56	10137		10137	36	36	5676		5676
216	2035	ALT1	WB	PM	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	19096	2228	21324	62	50	7680	896	8576
217	2035	ALT1	WB	PM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	17739	2203	19942	61	50	13858	1721	15579
218	2035	ALT1	WB	PM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	26863	2242	29105	59	50	13387	1117	14504
219	2035	ALT1	WB	PM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	26046	2230	28276	54	50	19510	1670	21180
220	2035	ALT1	WB	PM	Mainline		University St On-Ramp to 6th S	23726	0.38	28800	2295	31095	57	50	10927	871	11798
221	2035	ALT1	WB	PM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	27158	2259	29417	53	50	9767	812	10579
222	2035	ALT1	WB	PM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	30174	2301	32475	56	50	11303	862	12165
223	2035	ALT1	WB	PM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	31958	2378	34336	54	50	5511	410	5921
224	2035	ALT1	WB	PM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	21851	1079	22930	59	50	5824	288	6112
225	2035	ALT1	WB	PM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	21256	1069	22325	59	50	3709	187	3896
226	2035	ALT1	WB	PM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	20353	1044	21397	62	50	15934	817	16751
227	2035	ALT1	WB	PM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	24074	1119	25193	62	50	6284	292	6576
228	2035	ALT1	WB	PM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	30052	1265	31317	62	50	3656	154	3810
229	2035	ALT1	WB	PM	Mainline		California St Off-Ramp to Califo	24044	0.86	28705	1231	29936	57	50	24742	1061	25803
230	2035	ALT1	WB	PM	Mainline		California St On-Ramp to Mour	24077	0.19	32881	1333	34214	58	50	6328	257	6585
231	2035	ALT1	WB	PM	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	30583	1270	31853	55	50	6805	283	7088
232	2035	ALT1	WB	PM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	35786	1424	37210	56	50	7398	294	7692
233	2035	ALT1	WB	PM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	34651	1408	36059	38	38	26250	1067	27317
234	2035	ALT1	WB	PM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	37916	1440	39356	45	45	4228	161	4389
235	2035	ALT1	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	36217	1388	37605	33	33	17234	660	17894
236	2035	ALT1	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	39444	1475	40919	41	41	11115	416	11531
237	2035	ALT1	WB	PM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	25477	1007	26484	55	50	17899	707	18606
238	2035	ALT1	WB	PM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	27867	1052	28919	53	50	5831	220	6051
239	2035	ALT1	WB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	28162	1061	29223	52	50	5152	194	5346
240	2035	ALT1	WB	PM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	35204	1228	36432	50	50	6522	227	6749
241	2035	ALT1	WB	PM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	33223	1202	34425	46	46	24133	873	25006
242	2035	ALT1	WB	PM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	35536	1255	36791	52	50	1646	58	1704
243	2035	ALT1	WB	PM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	33659	1237	34896	45	45	20852	766	21618
244	2035	ALT1	WB	PM	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	34988	1271	36259	52	50	3082	112	3194
245	2035	ALT1	WB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	33545	1256	34801	45	45	19596	734	20330
246	2035	ALT1	WB	PM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	35564	1296	36860	52	50	14818	540	15358
247	2035	ALT1	WB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	33259	1262	34521	45	45	19778	750	20528
248	2035	ALT1	WB	PM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	34732	1296	36028	53	50	5913	221	6134
249	2035	ALT1	WB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	31922	1225	33147	54	50	18840	723	19563
250	2035	ALT1	WB	PM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	35661	1326	36987	51	50	30406	1131	31537
251	2035	ALT1	WB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	32333	1250	33583	48	48	23491	908	24399
252	2035	ALT1	WB	PM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	35377	1348	36725	52	50	18534	706	19240
253	2035	ALT1	WB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	35377	1348	36725	52	50	13273	506	13779
254	2035	ALT1	WB	PM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	35377	1348	36725	52	50	12796	488	13284
255	2035	ALT1	WB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	31407	1330	32737	49	49	21668	918	22586

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
256	2035	ALT1	WB	PM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	33337	1367	34704	54	50	12991	533	13524
257	2035	ALT1	WB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	30372	1309	31681	51	50	16371	706	17077
258	2035	ALT1	WB	PM	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	33657	1403	35060	58	50	14075	587	14662
259	2035	ALT1	WB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	31817	1349	33166	59	50	20063	851	20914
260	2035	ALT1	WB	PM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	33925	1427	35352	58	50	13381	563	13944
261	2035	ALT1	WB	PM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	30322	1278	31600	56	50	16690	703	17393
262	2035	ALT1	WB	PM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	34228	1426	35654	57	50	43400	1808	45208
263	2035	ALT1	WB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	32650	1294	33944	53	50	22172	879	23051
264	2035	ALT1	WB	PM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	34829	1403	36232	38	38	9066	365	9431
265	2035	ALT1	WB	PM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	36027	1454	37481	48	48	4794	193	4987
266	2035	ALT1	WB	PM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	29465	1134	30599	50	50	16715	643	17358
267	2035	ALT1	WB	PM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	36021	1397	37418	49	49	4790	186	4976
268	2035	ALT1	WB	PM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	40442	1510	41952	58	50	835	31	866
269	2035	ALT1	WB	PM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	38387	1345	39732	44	44	22279	781	23060
270	2035	ALT1	WB	PM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	41067	1441	42508	35	35	10252	360	10612
271	2035	ALT1	WB	PM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	30722	1311	32033	48	48	12635	539	13174
272	2035	ALT1	WB	PM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	33162	1376	34538	43	43	9574	397	9971
273	2035	ALT1	WB	PM	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	35233	1423	36656	50	50	9630	389	10019
274	2035	ALT1	WB	PM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	33773	1386	35159	52	50	10959	450	11409
275	2035	ALT1	WB	PM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	29444	1097	30541	57	50	18421	686	19107
276	2035	ALT1	WB	PM	Mainline		Archibald Ave On-Ramp to Vin	23575	0.15	34652	1173	35825	57	50	5302	179	5481
277	2035	ALT1	WB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	30914	1097	32011	55	50	11178	397	11575
278	2035	ALT1	WB	PM	Mainline		Vineyard Ave Loop On-Ramp t	1658017	0.19	32545	1190	33735	53	50	6194	226	6420
279	2035	ALT1	WB	PM	Mainline		Vineyard Ave On-Ramp to 4th	23538	0.36	34678	1223	35901	42	42	12619	445	13064
280	2035	ALT1	WB	PM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	29818	1144	30962	52	50	11585	444	12029
281	2035	ALT1	WB	PM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	33971	1266	35237	44	44	8800	328	9128
282	2035	ALT1	WB	PM	Mainline		7th St Off-Ramp to Euclid Ave	23447	0.40	30453	1212	31665	51	50	12133	483	12616
283	2035	ALT1	WB	PM	Mainline		Euclid Ave Loop On-Ramp to E	1658013	0.36	32209	1240	33449	48	48	11566	445	12011
284	2035	ALT1	WB	PM	Mainline		Euclid Ave On-Ramp to Mount	23434	0.42	34606	1289	35895	42	42	14636	545	15181
285	2035	ALT1	WB	PM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	31448	1115	32563	50	50	10265	364	10629
286	2035	ALT1	WB	PM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	33993	1175	35168	44	44	9328	322	9650
287	2035	ALT1	WB	PM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	30585	1049	31634	51	50	16102	552	16654
288	2035	ALT1	WB	PM	Mainline		Central Ave On-Ramp to Mont	23492	0.05	33885	1089	34974	54	50	1710	55	1765
289	2035	ALT1	WB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	31404	1002	32406	50	50	17585	561	18146
290	2035	ALT1	WB	PM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1357	24	1381	34	34	730	13	743
291	2035	ALT1	WB	PM	Ramp	ON	Ford St On-Ramp	94684	0.23	2153	38	2191	27	27	486	9	495
292	2035	ALT1	WB	PM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	818	12	830	32	32	227	3	230
293	2035	ALT1	WB	PM	Ramp	ON	University St On-Ramp	94674	0.21	2755	65	2820	11	11	582	14	596
294	2035	ALT1	WB	PM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1642	36	1678	22	22	435	10	445
295	2035	ALT1	WB	PM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3016	42	3058	9	9	582	8	590
296	2035	ALT1	WB	PM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1783	77	1860	15	15	280	12	292
297	2035	ALT1	WB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	10107	1299	11406	19	19	8738	1123	9861
298	2035	ALT1	WB	PM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	596	9	605	28	28	40	1	41
299	2035	ALT1	WB	PM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	903	25	928	31	31	327	9	336
300	2035	ALT1	WB	PM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	3720	75	3795	29	29	3711	75	3786
301	2035	ALT1	WB	PM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	5978	146	6124	12	12	714	17	731
302	2035	ALT1	WB	PM	Ramp	OFF	California St Off-Ramp	94793	0.13	1347	34	1381	29	29	174	4	178
303	2035	ALT1	WB	PM	Ramp	ON	California St On-Ramp	2676730	0.11	4176	102	4278	21	21	478	12	490
304	2035	ALT1	WB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2298	63	2361	22	22	268	7	275

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
305	2035	ALT1	WB	PM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	5203	154	5357	16	16	710	21	731
306	2035	ALT1	WB	PM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1136	15	1151	23	23	247	3	250
307	2035	ALT1	WB	PM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3265	32	3297	6	6	404	4	408
308	2035	ALT1	WB	PM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1699	52	1751	19	19	415	13	428
309	2035	ALT1	WB	PM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	3227	87	3314	6	6	425	11	436
310	2035	ALT1	WB	PM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	13967	468	14435	21	21	2452	82	2534
311	2035	ALT1	WB	PM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2391	44	2435	11	11	789	15	804
312	2035	ALT1	WB	PM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	295	9	304	25	25	157	5	162
313	2035	ALT1	WB	PM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	7042	167	7209	29	29	3018	72	3090
314	2035	ALT1	WB	PM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1981	26	2007	19	19	478	6	484
315	2035	ALT1	WB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2313	53	2366	18	18	608	14	622
316	2035	ALT1	WB	PM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1878	18	1896	20	20	401	4	405
317	2035	ALT1	WB	PM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1329	34	1363	17	17	416	11	427
318	2035	ALT1	WB	PM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1441	16	1457	23	23	386	4	390
319	2035	ALT1	WB	PM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2017	41	2058	19	19	643	13	656
320	2035	ALT1	WB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2305	34	2339	17	17	413	6	419
321	2035	ALT1	WB	PM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1473	34	1507	17	17	499	12	511
322	2035	ALT1	WB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2810	71	2881	11	11	300	8	308
323	2035	ALT1	WB	PM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	3738	102	3840	28	28	1167	32	1199
324	2035	ALT1	WB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	3328	76	3404	25	25	435	10	445
325	2035	ALT1	WB	PM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3044	98	3142	17	17	1252	40	1292
326	2035	ALT1	WB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	2013	27	2040	19	19	696	9	705
327	2035	ALT1	WB	PM	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1549	58	1607	16	16	561	21	582
328	2035	ALT1	WB	PM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3506	49	3555	25	25	407	6	413
329	2035	ALT1	WB	PM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1930	37	1967	19	19	473	9	482
330	2035	ALT1	WB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2965	58	3023	26	26	320	6	326
331	2035	ALT1	WB	PM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3284	94	3378	28	28	982	28	1010
332	2035	ALT1	WB	PM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1839	55	1894	33	33	538	16	554
333	2035	ALT1	WB	PM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2108	79	2187	29	29	728	27	755
334	2035	ALT1	WB	PM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3604	149	3753	30	30	466	19	485
335	2035	ALT1	WB	PM	Ramp	ON	Cherry On-Ramp	95966	0.28	3905	149	4054	27	27	1092	42	1134
336	2035	ALT1	WB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1578	132	1710	27	27	799	67	866
337	2035	ALT1	WB	PM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	2179	109	2288	27	27	419	21	440
338	2035	ALT1	WB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	1198	51	1249	28	28	439	19	458
339	2035	ALT1	WB	PM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6561	320	6881	42	42	1848	90	1938
340	2035	ALT1	WB	PM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6555	263	6818	29	29	4125	165	4290
341	2035	ALT1	WB	PM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4421	113	4534	21	21	4432	113	4545
342	2035	ALT1	WB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	2055	165	2220	26	26	413	33	446
343	2035	ALT1	WB	PM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2680	96	2776	9	9	474	17	491
344	2035	ALT1	WB	PM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2810	129	2939	25	25	492	23	515
345	2035	ALT1	WB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2441	64	2505	11	11	233	6	239
346	2035	ALT1	WB	PM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	2122	47	2169	13	13	412	9	421
347	2035	ALT1	WB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	2482	37	2519	12	12	450	7	457
348	2035	ALT1	WB	PM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4329	289	4618	27	27	2495	167	2662
349	2035	ALT1	WB	PM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	5208	76	5284	17	17	954	14	968
350	2035	ALT1	WB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	3739	76	3815	30	30	1202	24	1226
351	2035	ALT1	WB	PM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1768	93	1861	15	15	281	15	296
352	2035	ALT1	WB	PM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	2133	33	2166	18	18	434	7	441
353	2035	ALT1	WB	PM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	4860	79	4939	20	20	1229	20	1249

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
354	2035	ALT1	WB	PM	Ramp	ON	4th St On-Ramp	2731498	0.26	4153	122	4275	15	15	1070	31	1101
355	2035	ALT1	WB	PM	Ramp	OFF	7th St Off-Ramp	94628	0.20	2775	54	2829	12	12	563	11	574
356	2035	ALT1	WB	PM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1756	27	1783	16	16	418	6	424
357	2035	ALT1	WB	PM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2397	49	2446	13	13	906	19	925
358	2035	ALT1	WB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3157	175	3332	6	6	439	24	463
359	2035	ALT1	WB	PM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2545	60	2605	12	12	517	12	529
360	2035	ALT1	WB	PM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2944	126	3070	9	9	393	17	410
361	2035	ALT1	WB	PM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	3300	40	3340	7	7	399	5	404
362	2035	ALT1	WB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2481	87	2568	14	14	561	20	581
363	2035	ALT1	WB	PM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2678	22	2700	11	11	884	7	891
364	2035	ALT1	WB	PM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2035	ALT1	WB	PM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2035	ALT1	WB	PM	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2035	ALT1	WB	PM	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2035	ALT1	WB	PM	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2035	ALT1	WB	PM	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2035	ALT1	WB	PM	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2035	ALT1	WB	PM	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2035	ALT1	WB	PM	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2035	ALT1	WB	PM	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2035	ALT1	WB	PM	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2035	ALT1	WB	PM	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2035	ALT1	WB	PM	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2035	ALT1	WB	PM	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2035	ALT1	WB	PM	HOV		California St On-Ramp to Mountain View Ave Off-F							50			
379	2035	ALT1	WB	PM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2035	ALT1	WB	PM	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2035	ALT1	WB	PM	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-F							50			
382	2035	ALT1	WB	PM	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2035	ALT1	WB	PM	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2035	ALT1	WB	PM	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2035	ALT1	WB	PM	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2035	ALT1	WB	PM	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2035	ALT1	WB	PM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2035	ALT1	WB	PM	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2035	ALT1	WB	PM	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2035	ALT1	WB	PM	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2035	ALT1	WB	PM	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2035	ALT1	WB	PM	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2035	ALT1	WB	PM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2035	ALT1	WB	PM	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2035	ALT1	WB	PM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2035	ALT1	WB	PM	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2035	ALT1	WB	PM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2035	ALT1	WB	PM	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2035	ALT1	WB	PM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2035	ALT1	WB	PM	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2035	ALT1	WB	PM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2035	ALT1	WB	PM	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
403	2035	ALT1	WB	PM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2035	ALT1	WB	PM	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2035	ALT1	WB	PM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2035	ALT1	WB	PM	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2035	ALT1	WB	PM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2035	ALT1	WB	PM	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2035	ALT1	WB	PM	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2035	ALT1	WB	PM	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2035	ALT1	WB	PM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2035	ALT1	WB	PM	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2035	ALT1	WB	PM	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2035	ALT1	WB	PM	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2035	ALT1	WB	PM	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2035	ALT1	WB	PM	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2035	ALT1	WB	PM	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2035	ALT1	WB	PM	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2035	ALT1	WB	PM	HOV		Haven Ave Off-Ramp to Haven	2779162	0.41	7536		7536	28	28	3099		3099
420	2035	ALT1	WB	PM	HOV		Haven Ave Loop On-Ramp to H	2779162	0.29	7536		7536	28	28	2176		2176
421	2035	ALT1	WB	PM	HOV		Haven Ave On-Ramp to Archib	2779159	0.27	7587		7587	28	28	2074		2074
422	2035	ALT1	WB	PM	HOV		Archibald Ave Off-Ramp to Hol	2779158	0.32	6940		6940	32	32	2252		2252
423	2035	ALT1	WB	PM	HOV		Holt Blvd Off-Ramp to Archibal	2779158	0.63	6940		6940	32	32	4342		4342
424	2035	ALT1	WB	PM	HOV		Archibald Ave On-Ramp to Vin	2779158	0.15	6940		6940	32	32	1062		1062
425	2035	ALT1	WB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2779158	0.36	6940		6940	32	32	2509		2509
426	2035	ALT1	WB	PM	HOV		Vineyard Ave Loop On-Ramp to	2779155	0.19	6701		6701	37	37	1275		1275
427	2035	ALT1	WB	PM	HOV		Vineyard Ave On-Ramp to 4th	2779155	0.36	6701		6701	37	37	2438		2438
428	2035	ALT1	WB	PM	HOV		4th St Off-Ramp to 4th St On-R	2779155	0.39	6701		6701	37	37	2603		2603
429	2035	ALT1	WB	PM	HOV		4th St On-Ramp to 7th St Off-R	2779155	0.26	6701		6701	37	37	1736		1736
430	2035	ALT1	WB	PM	HOV		7th St Off-Ramp to Euclid Ave	2779151	0.40	7444		7444	32	32	2966		2966
431	2035	ALT1	WB	PM	HOV		Euclid Ave Loop On-Ramp to E	2779151	0.36	7444		7444	32	32	2673		2673
432	2035	ALT1	WB	PM	HOV		Euclid Ave On-Ramp to Mount	2779151	0.42	7444		7444	32	32	3148		3148
433	2035	ALT1	WB	PM	HOV		Mountain Ave Off-Ramp to Mc	2779151	0.33	7444		7444	32	32	2430		2430
434	2035	ALT1	WB	PM	HOV		Mountain Ave On-Ramp to Cer	2779151	0.27	7444		7444	32	32	2043		2043
435	2035	ALT1	WB	PM	HOV		Central Ave Off-Ramp to Centr	2779146	0.53	7909		7909	28	28	4164		4164
436	2035	ALT1	WB	PM	HOV		Central Ave On-Ramp to Mont	2779146	0.05	7909		7909	28	28	399		399
437	2035	ALT1	WB	PM	HOV		Monte Vista Ave Off-Ramp to M	2779146	0.56	7909		7909	28	28	4429		4429
216	2035	ALT1	WB	NT	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	13083	4117	17200	64	50	5261	1656	6917
217	2035	ALT1	WB	NT	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	12313	4097	16410	64	50	9619	3201	12820
218	2035	ALT1	WB	NT	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	17493	4139	21632	64	50	8717	2063	10780
219	2035	ALT1	WB	NT	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	16972	4127	21099	63	50	12713	3091	15804
220	2035	ALT1	WB	NT	Mainline		University St On-Ramp to 6th S	23726	0.38	19681	4236	23917	64	50	7467	1607	9074
221	2035	ALT1	WB	NT	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	18476	4182	22658	63	50	6645	1504	8149
222	2035	ALT1	WB	NT	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	20741	4266	25007	64	50	7769	1598	9367
223	2035	ALT1	WB	NT	Mainline		Orange St On-Ramp to SR-210	24215	0.17	21383	4319	25702	64	50	3688	745	4433
224	2035	ALT1	WB	NT	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	18155	3746	21901	63	50	4839	998	5837
225	2035	ALT1	WB	NT	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	17681	3732	21413	64	50	3085	651	3736
226	2035	ALT1	WB	NT	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	17184	3714	20898	64	50	13453	2908	16361
227	2035	ALT1	WB	NT	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	19187	3776	22963	64	50	5009	986	5995
228	2035	ALT1	WB	NT	Mainline		Alabama St On-Ramp to Califor	24057	0.12	24613	4151	28764	64	50	2994	505	3499
229	2035	ALT1	WB	NT	Mainline		California St Off-Ramp to Califc	24044	0.86	23842	4118	27960	64	50	20551	3550	24101

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
230	2035	ALT1	WB	NT	Mainline		California St On-Ramp to Mour	24077	0.19	26091	4312	30403	64	50	5021	830	5851
231	2035	ALT1	WB	NT	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	24289	4231	28520	64	50	5404	941	6345
232	2035	ALT1	WB	NT	Mainline		Mountain View Ave On-Ramp t	23990	0.21	26968	4456	31424	64	50	5575	921	6496
233	2035	ALT1	WB	NT	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	26025	4435	30460	62	50	19715	3360	23075
234	2035	ALT1	WB	NT	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	29046	4565	33611	63	50	3239	509	3748
235	2035	ALT1	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	27583	4463	32046	62	50	13125	2124	15249
236	2035	ALT1	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	29050	4610	33660	63	50	8186	1299	9485
237	2035	ALT1	WB	NT	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	17556	3247	20803	63	50	12334	2281	14615
238	2035	ALT1	WB	NT	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	18809	3335	22144	63	50	3936	698	4634
239	2035	ALT1	WB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	19023	3348	22371	63	50	3480	612	4092
240	2035	ALT1	WB	NT	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	23273	3633	26906	63	50	4311	673	4984
241	2035	ALT1	WB	NT	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	22295	3603	25898	63	50	16195	2617	18812
242	2035	ALT1	WB	NT	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	23733	3672	27405	64	50	1099	170	1269
243	2035	ALT1	WB	NT	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	21951	3619	25570	63	50	13599	2242	15841
244	2035	ALT1	WB	NT	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	22986	3695	26681	64	50	2025	326	2351
245	2035	ALT1	WB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	22412	3685	26097	63	50	13092	2153	15245
246	2035	ALT1	WB	NT	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	23543	3740	27283	64	50	9809	1558	11367
247	2035	ALT1	WB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	21833	3681	25514	63	50	12983	2189	15172
248	2035	ALT1	WB	NT	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	23221	3742	26963	64	50	3953	637	4590
249	2035	ALT1	WB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	20954	3600	24554	64	50	12367	2125	14492
250	2035	ALT1	WB	NT	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	23429	3798	27227	64	50	19976	3238	23214
251	2035	ALT1	WB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	21947	3729	25676	63	50	15945	2709	18654
252	2035	ALT1	WB	NT	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	23798	3878	27676	64	50	12468	2032	14500
253	2035	ALT1	WB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	23798	3878	27676	64	50	8929	1455	10384
254	2035	ALT1	WB	NT	Mainline		Alder Ave On-Ramp to Alder A	2661436	0.36	23798	3878	27676	64	50	8608	1403	10011
255	2035	ALT1	WB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	21655	3920	25575	63	50	14940	2704	17644
256	2035	ALT1	WB	NT	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	22999	3991	26990	64	50	8963	1555	10518
257	2035	ALT1	WB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	21453	3913	25366	63	50	11564	2109	13673
258	2035	ALT1	WB	NT	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	23481	4071	27552	64	50	9820	1703	11523
259	2035	ALT1	WB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	22421	3988	26409	64	50	14138	2515	16653
260	2035	ALT1	WB	NT	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	24147	4169	28316	64	50	9524	1644	11168
261	2035	ALT1	WB	NT	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	22037	3954	25991	64	50	12130	2176	14306
262	2035	ALT1	WB	NT	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	24654	4405	29059	64	50	31260	5585	36845
263	2035	ALT1	WB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	23418	4233	27651	64	50	15902	2875	18777
264	2035	ALT1	WB	NT	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	24457	4564	29021	62	50	6366	1188	7554
265	2035	ALT1	WB	NT	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	24585	4606	29191	63	50	3272	613	3885
266	2035	ALT1	WB	NT	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	18511	4080	22591	63	50	10501	2315	12816
267	2035	ALT1	WB	NT	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	24582	5420	30002	63	50	3269	721	3990
268	2035	ALT1	WB	NT	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	28481	5786	34267	63	50	588	119	707
269	2035	ALT1	WB	NT	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	27137	5569	32706	63	50	15750	3232	18982
270	2035	ALT1	WB	NT	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	29045	5927	34972	63	50	7251	1480	8731
271	2035	ALT1	WB	NT	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	21423	5700	27123	63	50	8810	2344	11154
272	2035	ALT1	WB	NT	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	22412	5861	28273	62	50	6470	1692	8162
273	2035	ALT1	WB	NT	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	23710	6050	29760	63	50	6481	1654	8135
274	2035	ALT1	WB	NT	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	22326	5946	28272	63	50	7244	1929	9173
275	2035	ALT1	WB	NT	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	19057	5442	24499	64	50	11922	3405	15327
276	2035	ALT1	WB	NT	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	23024	5725	28749	64	50	3523	876	4399
277	2035	ALT1	WB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	21090	5634	26724	64	50	7626	2037	9663
278	2035	ALT1	WB	NT	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	21743	5872	27615	64	50	4138	1117	5255

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
279	2035	ALT1	WB	NT	Mainline		Vineyard Ave On-Ramp to 4th	23538	0.36	23406	5967	29373	63	50	8517	2171	10688
280	2035	ALT1	WB	NT	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	20531	5855	26386	63	50	7977	2275	10252
281	2035	ALT1	WB	NT	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	23844	6075	29919	63	50	6177	1574	7751
282	2035	ALT1	WB	NT	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	21163	5978	27141	63	50	8432	2382	10814
283	2035	ALT1	WB	NT	Mainline		Euclid Ave Loop On-Ramp to E	1658013	0.36	22364	6058	28422	63	50	8031	2175	10206
284	2035	ALT1	WB	NT	Mainline		Euclid Ave On-Ramp to Mount	23434	0.42	24486	6144	30630	63	50	10356	2598	12954
285	2035	ALT1	WB	NT	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	21802	5979	27781	63	50	7117	1952	9069
286	2035	ALT1	WB	NT	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	24088	6087	30175	63	50	6610	1670	8280
287	2035	ALT1	WB	NT	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	21623	5954	27577	63	50	11384	3135	14519
288	2035	ALT1	WB	NT	Mainline		Central Ave On-Ramp to Mont	23492	0.05	23948	6083	30031	63	50	1208	307	1515
289	2035	ALT1	WB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	22883	5987	28870	63	50	12814	3353	16167
290	2035	ALT1	WB	NT	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	770	20	790	35	35	414	11	425
291	2035	ALT1	WB	NT	Ramp	ON	Ford St On-Ramp	94684	0.23	1391	42	1433	29	29	314	9	323
292	2035	ALT1	WB	NT	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	521	12	533	34	34	145	3	148
293	2035	ALT1	WB	NT	Ramp	ON	University St On-Ramp	94674	0.21	2709	109	2818	18	18	573	23	596
294	2035	ALT1	WB	NT	Ramp	OFF	6th St Off-Ramp	94690	0.26	1205	54	1259	28	28	319	14	333
295	2035	ALT1	WB	NT	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2265	84	2349	18	18	437	16	453
296	2035	ALT1	WB	NT	Ramp	ON	Orange St On-Ramp	2676749	0.16	641	54	695	20	20	101	8	109
297	2035	ALT1	WB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	3227	573	3800	30	30	2790	495	3285
298	2035	ALT1	WB	NT	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	474	14	488	29	29	32	1	33
299	2035	ALT1	WB	NT	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	498	18	516	34	34	180	7	187
300	2035	ALT1	WB	NT	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	2003	62	2065	30	30	1998	62	2060
301	2035	ALT1	WB	NT	Ramp	ON	Alabama St On-Ramp	2676731	0.12	5427	375	5802	26	26	648	45	693
302	2035	ALT1	WB	NT	Ramp	OFF	California St Off-Ramp	94793	0.13	771	33	804	34	34	100	4	104
303	2035	ALT1	WB	NT	Ramp	ON	California St On-Ramp	2676730	0.11	2249	194	2443	29	29	258	22	280
304	2035	ALT1	WB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	1802	81	1883	32	32	210	9	219
305	2035	ALT1	WB	NT	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2679	225	2904	28	28	366	31	397
306	2035	ALT1	WB	NT	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	943	21	964	28	28	205	5	210
307	2035	ALT1	WB	NT	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3022	129	3151	17	17	374	16	390
308	2035	ALT1	WB	NT	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1464	101	1565	26	26	357	25	382
309	2035	ALT1	WB	NT	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	1467	146	1613	18	18	193	19	212
310	2035	ALT1	WB	NT	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	11494	1363	12857	44	44	2018	239	2257
311	2035	ALT1	WB	NT	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1253	88	1341	19	19	413	29	442
312	2035	ALT1	WB	NT	Ramp	ON	I-215 NB On-Ramp	24504	0.53	213	14	227	25	25	113	7	120
313	2035	ALT1	WB	NT	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4250	285	4535	34	34	1821	122	1943
314	2035	ALT1	WB	NT	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	978	30	1008	28	28	236	7	243
315	2035	ALT1	WB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1439	69	1508	20	20	378	18	396
316	2035	ALT1	WB	NT	Ramp	OFF	9th St Off-Ramp	94928	0.21	1782	53	1835	27	27	380	11	391
317	2035	ALT1	WB	NT	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1035	76	1111	19	19	324	24	348
318	2035	ALT1	WB	NT	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	573	10	583	29	29	153	3	156
319	2035	ALT1	WB	NT	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1131	55	1186	20	20	360	18	378
320	2035	ALT1	WB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1710	59	1769	27	27	307	11	318
321	2035	ALT1	WB	NT	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1387	62	1449	19	19	470	21	491
322	2035	ALT1	WB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2266	143	2409	26	26	242	15	257
323	2035	ALT1	WB	NT	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2475	198	2673	29	29	773	62	835
324	2035	ALT1	WB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1483	68	1551	29	29	194	9	203
325	2035	ALT1	WB	NT	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	1851	149	2000	20	20	761	61	822
326	2035	ALT1	WB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	1498	51	1549	27	27	518	18	536
327	2035	ALT1	WB	NT	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1688	160	1848	19	19	612	58	670

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
328	2035	ALT1	WB	NT	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2333	67	2400	29	29	271	8	279
329	2035	ALT1	WB	NT	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1344	71	1415	20	20	329	17	346
330	2035	ALT1	WB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1546	78	1624	29	29	167	8	175
331	2035	ALT1	WB	NT	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	2028	158	2186	30	30	606	47	653
332	2035	ALT1	WB	NT	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1060	82	1142	35	35	310	24	334
333	2035	ALT1	WB	NT	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1726	181	1907	30	30	596	62	658
334	2035	ALT1	WB	NT	Ramp	OFF	Cherry Off-Ramp	94837	0.13	2109	216	2325	34	34	273	28	301
335	2035	ALT1	WB	NT	Ramp	ON	Cherry On-Ramp	95966	0.28	2618	451	3069	29	29	732	126	858
336	2035	ALT1	WB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1236	172	1408	33	33	626	87	713
337	2035	ALT1	WB	NT	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1039	332	1371	33	33	200	64	264
338	2035	ALT1	WB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	128	41	169	30	30	47	15	62
339	2035	ALT1	WB	NT	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6075	525	6600	47	47	1711	148	1859
340	2035	ALT1	WB	NT	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6071	1340	7411	33	33	3820	843	4663
341	2035	ALT1	WB	NT	Ramp	ON	I-15 NB On-Ramp	23572	1.00	3899	366	4265	31	31	3909	367	4276
342	2035	ALT1	WB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1344	217	1561	29	29	270	44	314
343	2035	ALT1	WB	NT	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	1908	358	2266	18	18	337	63	400
344	2035	ALT1	WB	NT	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	1636	227	1863	29	29	286	40	326
345	2035	ALT1	WB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	990	161	1151	19	19	95	15	110
346	2035	ALT1	WB	NT	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1438	188	1626	18	18	279	36	315
347	2035	ALT1	WB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	2949	104	3053	23	23	535	19	554
348	2035	ALT1	WB	NT	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	3270	504	3774	33	33	1884	290	2174
349	2035	ALT1	WB	NT	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	3967	283	4250	27	27	727	52	779
350	2035	ALT1	WB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	1934	91	2025	34	34	622	29	651
351	2035	ALT1	WB	NT	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1027	238	1265	19	19	163	38	201
352	2035	ALT1	WB	NT	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1662	96	1758	20	20	338	20	358
353	2035	ALT1	WB	NT	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	2876	112	2988	29	29	727	28	755
354	2035	ALT1	WB	NT	Ramp	ON	4th St On-Ramp	2731498	0.26	3313	220	3533	19	19	853	57	910
355	2035	ALT1	WB	NT	Ramp	OFF	7th St Off-Ramp	94628	0.20	1729	97	1826	27	27	351	20	371
356	2035	ALT1	WB	NT	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1201	80	1281	19	19	286	19	305
357	2035	ALT1	WB	NT	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2122	86	2208	18	18	802	32	834
358	2035	ALT1	WB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2684	165	2849	25	25	374	23	397
359	2035	ALT1	WB	NT	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2287	108	2395	18	18	465	22	487
360	2035	ALT1	WB	NT	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2073	133	2206	26	26	277	18	295
361	2035	ALT1	WB	NT	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2325	129	2454	18	18	281	16	297
362	2035	ALT1	WB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1065	96	1161	28	28	241	22	263
363	2035	ALT1	WB	NT	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1764	74	1838	19	19	583	24	607
364	2035	ALT1	WB	NT	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2035	ALT1	WB	NT	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2035	ALT1	WB	NT	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2035	ALT1	WB	NT	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2035	ALT1	WB	NT	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2035	ALT1	WB	NT	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2035	ALT1	WB	NT	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2035	ALT1	WB	NT	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2035	ALT1	WB	NT	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2035	ALT1	WB	NT	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2035	ALT1	WB	NT	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2035	ALT1	WB	NT	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2035	ALT1	WB	NT	HOV		Alabama St On-Ramp to California St Off-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
377	2035	ALT1	WB	NT	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2035	ALT1	WB	NT	HOV		California St On-Ramp to Mountain View Ave Off-F							50			
379	2035	ALT1	WB	NT	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2035	ALT1	WB	NT	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2035	ALT1	WB	NT	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-F							50			
382	2035	ALT1	WB	NT	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2035	ALT1	WB	NT	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2035	ALT1	WB	NT	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2035	ALT1	WB	NT	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2035	ALT1	WB	NT	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2035	ALT1	WB	NT	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2035	ALT1	WB	NT	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2035	ALT1	WB	NT	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2035	ALT1	WB	NT	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2035	ALT1	WB	NT	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2035	ALT1	WB	NT	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2035	ALT1	WB	NT	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2035	ALT1	WB	NT	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2035	ALT1	WB	NT	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2035	ALT1	WB	NT	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2035	ALT1	WB	NT	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2035	ALT1	WB	NT	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2035	ALT1	WB	NT	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2035	ALT1	WB	NT	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2035	ALT1	WB	NT	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2035	ALT1	WB	NT	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2035	ALT1	WB	NT	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2035	ALT1	WB	NT	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2035	ALT1	WB	NT	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2035	ALT1	WB	NT	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2035	ALT1	WB	NT	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2035	ALT1	WB	NT	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2035	ALT1	WB	NT	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2035	ALT1	WB	NT	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2035	ALT1	WB	NT	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2035	ALT1	WB	NT	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2035	ALT1	WB	NT	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2035	ALT1	WB	NT	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2035	ALT1	WB	NT	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2035	ALT1	WB	NT	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2035	ALT1	WB	NT	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2035	ALT1	WB	NT	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2035	ALT1	WB	NT	HOV		Haven Ave Off-Ramp to Haven	2779162	0.41	5987		5987	56	50	2462		2462
420	2035	ALT1	WB	NT	HOV		Haven Ave Loop On-Ramp to H	2779162	0.29	5987		5987	56	50	1728		1728
421	2035	ALT1	WB	NT	HOV		Haven Ave On-Ramp to Archib	2779159	0.27	6126		6126	56	50	1674		1674
422	2035	ALT1	WB	NT	HOV		Archibald Ave Off-Ramp to Hol	2779158	0.32	5403		5403	57	50	1753		1753
423	2035	ALT1	WB	NT	HOV		Holt Blvd Off-Ramp to Archibal	2779158	0.63	5403		5403	57	50	3380		3380
424	2035	ALT1	WB	NT	HOV		Archibald Ave On-Ramp to Vine	2779158	0.15	5403		5403	57	50	827		827
425	2035	ALT1	WB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2779158	0.36	5403		5403	57	50	1954		1954

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
426	2035	ALT1	WB	NT	HOV		Vineyard Ave Loop On-Ramp to	2779155	0.19	4934		4934	59	50	939		939
427	2035	ALT1	WB	NT	HOV		Vineyard Ave On-Ramp to 4th S	2779155	0.36	4934		4934	59	50	1795		1795
428	2035	ALT1	WB	NT	HOV		4th St Off-Ramp to 4th St On-R	2779155	0.39	4934		4934	59	50	1917		1917
429	2035	ALT1	WB	NT	HOV		4th St On-Ramp to 7th St Off-R	2779155	0.26	4934		4934	59	50	1278		1278
430	2035	ALT1	WB	NT	HOV		7th St Off-Ramp to Euclid Ave L	2779151	0.40	5886		5886	58	50	2345		2345
431	2035	ALT1	WB	NT	HOV		Euclid Ave Loop On-Ramp to Eu	2779151	0.36	5886		5886	58	50	2114		2114
432	2035	ALT1	WB	NT	HOV		Euclid Ave On-Ramp to Mounta	2779151	0.42	5886		5886	58	50	2489		2489
433	2035	ALT1	WB	NT	HOV		Mountain Ave Off-Ramp to Mo	2779151	0.33	5886		5886	58	50	1921		1921
434	2035	ALT1	WB	NT	HOV		Mountain Ave On-Ramp to Cer	2779151	0.27	5886		5886	58	50	1615		1615
435	2035	ALT1	WB	NT	HOV		Central Ave Off-Ramp to Centr	2779146	0.53	6278		6278	57	50	3305		3305
436	2035	ALT1	WB	NT	HOV		Central Ave On-Ramp to Mont	2779146	0.05	6278		6278	57	50	317		317
437	2035	ALT1	WB	NT	HOV		Monte Vista Ave Off-Ramp to M	2779146	0.56	6278		6278	57	50	3516		3516
1	2035	ALT2	EB	AM	Mainline		LA County Line to Monte Vista	25707	0.26	20609	1710	22319	53	50	5280	438	5718
2	2035	ALT2	EB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	18926	1670	20596	55	50	12802	1130	13932
3	2035	ALT2	EB	AM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	21546	1721	23267	57	50	629	50	679
4	2035	ALT2	EB	AM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	19381	1690	21071	55	50	11086	967	12053
5	2035	ALT2	EB	AM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	21055	1741	22796	57	50	4379	362	4741
6	2035	ALT2	EB	AM	Mainline		Mountain Ave Off-Ramp to Mo	2778899	0.34	19056	1692	20748	56	50	6534	580	7114
7	2035	ALT2	EB	AM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	21376	1754	23130	51	50	10217	838	11055
8	2035	ALT2	EB	AM	Mainline		Euclid Ave Off-Ramp to Euclid A	23438	0.65	19176	1698	20874	55	50	12375	1096	13471
9	2035	ALT2	EB	AM	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	21385	1738	23123	51	50	10947	890	11837
10	2035	ALT2	EB	AM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	17541	1648	19189	57	50	3018	284	3302
11	2035	ALT2	EB	AM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	20812	1702	22514	53	50	6848	560	7408
12	2035	ALT2	EB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	19056	1580	20636	55	50	4659	386	5045
13	2035	ALT2	EB	AM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	22878	1638	24516	59	50	4401	315	4716
14	2035	ALT2	EB	AM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	19895	1420	21315	58	50	6734	481	7215
15	2035	ALT2	EB	AM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	23196	1630	24826	54	50	9049	636	9685
16	2035	ALT2	EB	AM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	23955	1665	25620	53	50	5346	372	5718
17	2035	ALT2	EB	AM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	20131	1539	21670	52	50	8374	640	9014
18	2035	ALT2	EB	AM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	21276	1572	22848	56	50	6643	491	7134
19	2035	ALT2	EB	AM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	21594	1640	23234	59	50	4839	368	5207
20	2035	ALT2	EB	AM	Mainline		Milliken Ave Off-Ramp to Milli	23622	0.53	18352	1457	19809	59	50	9732	773	10505
21	2035	ALT2	EB	AM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	19928	1554	21482	60	50	1059	83	1142
22	2035	ALT2	EB	AM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	17245	1207	18452	60	50	4282	300	4582
23	2035	ALT2	EB	AM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	13886	1041	14927	59	50	4259	319	4578
24	2035	ALT2	EB	AM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	18289	1273	19562	60	50	3962	276	4238
25	2035	ALT2	EB	AM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	18503	1280	19783	59	50	2605	180	2785
26	2035	ALT2	EB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	16920	1136	18056	61	50	21650	1454	23104
27	2035	ALT2	EB	AM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	17735	1197	18932	62	50	16396	1107	17503
28	2035	ALT2	EB	AM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	15128	994	16122	62	50	9216	606	9822
29	2035	ALT2	EB	AM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	17754	1103	18857	62	50	6329	393	6722
30	2035	ALT2	EB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	16992	1037	18029	62	50	10761	657	11418
31	2035	ALT2	EB	AM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	18292	1078	19370	62	50	8197	483	8680
32	2035	ALT2	EB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	17196	1035	18231	61	50	9213	554	9767
33	2035	ALT2	EB	AM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	18741	1069	19810	60	50	8781	501	9282
34	2035	ALT2	EB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	16645	1000	17645	58	50	10610	637	11247
35	2035	ALT2	EB	AM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	18940	1030	19970	60	50	5858	319	6177
36	2035	ALT2	EB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	18940	1030	19970	60	50	7019	382	7401
37	2035	ALT2	EB	AM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	18940	1030	19970	60	50	9454	514	9968

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
38	2035	ALT2	EB	AM	Mainline		Cedar Ave Off-Ramp to Cedar /	24203	0.85	17350	884	18234	58	50	14727	750	15477
39	2035	ALT2	EB	AM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	18921	916	19837	60	50	15051	729	15780
40	2035	ALT2	EB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	16425	842	17267	61	50	9475	486	9961
41	2035	ALT2	EB	AM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	18480	898	19378	60	50	3688	179	3867
42	2035	ALT2	EB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	17043	857	17900	58	50	11243	565	11808
43	2035	ALT2	EB	AM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	17939	875	18814	60	50	4674	228	4902
44	2035	ALT2	EB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	17939	875	18814	60	50	7392	361	7753
45	2035	ALT2	EB	AM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	18465	882	19347	60	50	3316	158	3474
46	2035	ALT2	EB	AM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	17318	839	18157	58	50	9168	444	9612
47	2035	ALT2	EB	AM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	17933	851	18784	60	50	503	24	527
48	2035	ALT2	EB	AM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	16869	822	17691	61	50	10218	498	10716
49	2035	ALT2	EB	AM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	17379	836	18215	60	50	841	40	881
50	2035	ALT2	EB	AM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	13867	696	14563	60	50	13061	656	13717
51	2035	ALT2	EB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	20386	1006	21392	58	50	2235	110	2345
52	2035	ALT2	EB	AM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	25981	1248	27229	56	50	3364	162	3526
53	2035	ALT2	EB	AM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	23292	1221	24513	54	50	2532	133	2665
54	2035	ALT2	EB	AM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	21280	1162	22442	51	50	13438	734	14172
55	2035	ALT2	EB	AM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	21360	1190	22550	57	50	6035	336	6371
56	2035	ALT2	EB	AM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	19033	1147	20180	55	50	7691	463	8154
57	2035	ALT2	EB	AM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	19289	1151	20440	61	50	4013	239	4252
58	2035	ALT2	EB	AM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	16740	1068	17808	61	50	13232	844	14076
59	2035	ALT2	EB	AM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	17778	1107	18885	62	50	3263	203	3466
60	2035	ALT2	EB	AM	Mainline		California St Off-Ramp to Califc	24075	0.84	15412	1045	16457	61	50	12970	879	13849
61	2035	ALT2	EB	AM	Mainline		California St On-Ramp to Alaba	24046	0.18	15799	1063	16862	63	50	2777	187	2964
62	2035	ALT2	EB	AM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	13606	1012	14618	63	50	5327	396	5723
63	2035	ALT2	EB	AM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	11410	927	12337	63	50	2015	164	2179
64	2035	ALT2	EB	AM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	9195	837	10032	62	50	5915	538	6453
65	2035	ALT2	EB	AM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	9605	853	10458	62	50	1906	169	2075
66	2035	ALT2	EB	AM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	14138	1534	15672	62	50	715	78	793
67	2035	ALT2	EB	AM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	10534	1480	12014	62	50	4538	638	5176
68	2035	ALT2	EB	AM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	11188	1499	12687	63	50	3325	446	3771
69	2035	ALT2	EB	AM	Mainline		University St Off-Ramp to Cypr	23724	0.80	9188	1445	10633	62	50	7309	1150	8459
70	2035	ALT2	EB	AM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	9479	1452	10931	64	50	4339	665	5004
71	2035	ALT2	EB	AM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	8510	1431	9941	63	50	5532	930	6462
72	2035	ALT2	EB	AM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	9373	1444	10817	64	50	5530	852	6382
73	2035	ALT2	EB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1683	40	1723	17	17	318	8	326
74	2035	ALT2	EB	AM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1617	51	1668	14	14	209	7	216
75	2035	ALT2	EB	AM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2166	31	2197	11	11	282	4	286
76	2035	ALT2	EB	AM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	1855	51	1906	12	12	348	10	358
77	2035	ALT2	EB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	1822	49	1871	15	15	295	8	303
78	2035	ALT2	EB	AM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2320	62	2382	8	8	271	7	278
79	2035	ALT2	EB	AM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	2201	56	2257	10	10	322	8	330
80	2035	ALT2	EB	AM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1973	40	2013	11	11	690	14	704
81	2035	ALT2	EB	AM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	2966	90	3056	23	23	942	29	971
82	2035	ALT2	EB	AM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3271	54	3325	15	15	769	13	782
83	2035	ALT2	EB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1755	122	1877	27	27	179	12	191
84	2035	ALT2	EB	AM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	3130	58	3188	27	27	392	7	399
85	2035	ALT2	EB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	2983	218	3201	28	28	868	63	931
86	2035	ALT2	EB	AM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	2671	210	2881	22	22	609	48	657

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
87	2035	ALT2	EB	AM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	760	34	794	17	17	176	8	184
88	2035	ALT2	EB	AM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	3825	125	3950	15	15	543	18	561
89	2035	ALT2	EB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	764	33	797	17	17	93	4	97
90	2035	ALT2	EB	AM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	318	68	386	19	19	89	19	108
91	2035	ALT2	EB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3243	183	3426	19	19	572	32	604
92	2035	ALT2	EB	AM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	943	97	1040	16	16	182	19	201
93	2035	ALT2	EB	AM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	2683	347	3030	32	32	2978	385	3363
94	2035	ALT2	EB	AM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3359	166	3525	20	20	1937	96	2033
95	2035	ALT2	EB	AM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	4403	232	4635	11	11	491	26	517
96	2035	ALT2	EB	AM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	214	7	221	35	35	256	8	264
97	2035	ALT2	EB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1583	144	1727	26	26	311	28	339
98	2035	ALT2	EB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	492	61	553	29	29	176	22	198
99	2035	ALT2	EB	AM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	2607	203	2810	30	30	531	41	572
100	2035	ALT2	EB	AM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2635	108	2743	28	28	812	33	845
101	2035	ALT2	EB	AM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	762	65	827	34	34	263	22	285
102	2035	ALT2	EB	AM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1354	41	1395	29	29	400	12	412
103	2035	ALT2	EB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1096	43	1139	33	33	147	6	153
104	2035	ALT2	EB	AM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1818	34	1852	18	18	488	9	497
105	2035	ALT2	EB	AM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2096	69	2165	26	26	246	8	254
106	2035	ALT2	EB	AM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2355	30	2385	8	8	69	1	70
107	2035	ALT2	EB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	924	62	986	24	24	331	22	353
108	2035	ALT2	EB	AM	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1452	20	1472	15	15	499	7	506
109	2035	ALT2	EB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2075	105	2180	26	26	379	19	398
110	2035	ALT2	EB	AM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1503	32	1535	19	19	618	13	631
111	2035	ALT2	EB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	2498	73	2571	30	30	313	9	322
112	2035	ALT2	EB	AM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	2010	56	2066	18	18	606	17	623
113	2035	ALT2	EB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1437	41	1478	19	19	439	13	452
114	2035	ALT2	EB	AM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1094	18	1112	17	17	400	7	407
115	2035	ALT2	EB	AM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2035	ALT2	EB	AM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	498	7	505	19	19	158	2	160
117	2035	ALT2	EB	AM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1147	43	1190	22	22	284	11	295
118	2035	ALT2	EB	AM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	616	12	628	20	20	174	3	177
119	2035	ALT2	EB	AM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1065	29	1094	23	23	448	12	460
120	2035	ALT2	EB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	778	13	791	19	19	202	3	205
121	2035	ALT2	EB	AM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	3512	140	3652	34	34	826	33	859
122	2035	ALT2	EB	AM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	6519	310	6829	26	26	5665	269	5934
123	2035	ALT2	EB	AM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	5595	242	5837	28	28	4242	183	4425
124	2035	ALT2	EB	AM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2688	27	2715	3	3	245	2	247
125	2035	ALT2	EB	AM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	2012	59	2071	9	9	501	15	516
126	2035	ALT2	EB	AM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	676	27	703	18	18	94	4	98
127	2035	ALT2	EB	AM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2320	43	2363	6	6	584	11	595
128	2035	ALT2	EB	AM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	256	5	261	19	19	26	1	27
129	2035	ALT2	EB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2549	84	2633	8	8	749	25	774
130	2035	ALT2	EB	AM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	1054	40	1094	29	29	240	9	249
131	2035	ALT2	EB	AM	Ramp	OFF	California St Off-Ramp	94801	0.46	2366	62	2428	12	12	1077	28	1105
132	2035	ALT2	EB	AM	Ramp	ON	California St On-Ramp	95942	0.39	448	18	466	29	29	174	7	181
133	2035	ALT2	EB	AM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2194	51	2245	15	15	951	22	973
134	2035	ALT2	EB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2196	85	2281	29	29	1817	70	1887
135	2035	ALT2	EB	AM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2214	90	2304	14	14	760	31	791

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Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
136	2035	ALT2	EB	AM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	410	16	426	19	19	43	2	45
137	2035	ALT2	EB	AM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	4533	681	5214	27	27	4811	723	5534
138	2035	ALT2	EB	AM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2581	54	2635	5	5	230	5	235
139	2035	ALT2	EB	AM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	654	19	673	18	18	194	6	200
140	2035	ALT2	EB	AM	Ramp	OFF	University St Off-Ramp	94695	0.28	2001	53	2054	13	13	559	15	574
141	2035	ALT2	EB	AM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	348	7	355	29	29	105	2	107
142	2035	ALT2	EB	AM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1657	22	1679	23	23	455	6	461
143	2035	ALT2	EB	AM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	863	13	876	29	29	325	5	330
144	2035	ALT2	EB	AM	HOV		LA County Line to Monte Vista	2664669	0.26	3513		3513	48	48	900		900
145	2035	ALT2	EB	AM	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	3513		3513	48	48	2376		2376
146	2035	ALT2	EB	AM	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	3513		3513	48	48	103		103
147	2035	ALT2	EB	AM	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	3513		3513	48	48	2009		2009
148	2035	ALT2	EB	AM	HOV		Central Ave On-Ramp to Moun	2664669	0.21	3513		3513	48	48	731		731
149	2035	ALT2	EB	AM	HOV		Mountain Ave Off-Ramp to Mc	2664669	0.34	3513		3513	48	48	1205		1205
150	2035	ALT2	EB	AM	HOV		Mountain Ave On-Ramp to Euc	2779098	0.48	2867		2867	52	50	1370		1370
151	2035	ALT2	EB	AM	HOV		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	2867		2867	52	50	1850		1850
152	2035	ALT2	EB	AM	HOV		Euclid Ave On-Ramp to San Be	2779098	0.51	2867		2867	52	50	1468		1468
153	2035	ALT2	EB	AM	HOV		San Bernardino Ave/4th St Off-	2665612	0.17	3508		3508	54	50	603		603
154	2035	ALT2	EB	AM	HOV		San Bernardino Ave/4th St On-	2665612	0.33	3508		3508	54	50	1154		1154
155	2035	ALT2	EB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	3508		3508	54	50	858		858
156	2035	ALT2	EB	AM	HOV		Vineyard Ave On-Ramp to Arch	2665612	0.19	3508		3508	54	50	675		675
157	2035	ALT2	EB	AM	HOV		Archibald Ave Off-Ramp to Hol	2665612	0.34	3508		3508	54	50	1187		1187
158	2035	ALT2	EB	AM	HOV		Holt Blvd On-Ramp to Archibal	2665612	0.39	3508		3508	54	50	1368		1368
159	2035	ALT2	EB	AM	HOV		Archibald Ave On-Ramp to Hav	2665612	0.22	3508		3508	54	50	783		783
160	2035	ALT2	EB	AM	HOV		Haven Ave Off-Ramp to Haven	2665612	0.42	3508		3508	54	50	1459		1459
161	2035	ALT2	EB	AM	HOV		Haven Ave Loop On-Ramp to H	2778934	0.31	1804		1804	56	50	563		563
162	2035	ALT2	EB	AM	HOV		Haven Ave On-Ramp to Millike	2778934	0.22	1804		1804	56	50	404		404
163	2035	ALT2	EB	AM	HOV		Milliken Ave Off-Ramp to Millik	2778934	0.53	1804		1804	56	50	957		957
164	2035	ALT2	EB	AM	HOV		Milliken Ave Loop On-Ramp to	2778934	0.05	1804		1804	56	50	96		96
165	2035	ALT2	EB	AM	HOV		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	1804		1804	56	50	448		448
166	2035	ALT2	EB	AM	HOV		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	1804		1804	56	50	553		553
167	2035	ALT2	EB	AM	HOV		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	1804		1804	56	50	391		391
168	2035	ALT2	EB	AM	HOV		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	1804		1804	56	50	254		254
169	2035	ALT2	EB	AM	HOV		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	1804		1804	56	50	2308		2308
170	2035	ALT2	EB	AM	HOV		Etiwanda Ave On-Ramp to Che	2778934	0.92	1804		1804	56	50	1668		1668
171	2035	ALT2	EB	AM	HOV		Cherry Ave Off-Ramp to Cherry	2760156	0.61	855		855	61	50	521		521
172	2035	ALT2	EB	AM	HOV		Cherry Ave On-Ramp to Beach	2760156	0.36	855		855	61	50	305		305
173	2035	ALT2	EB	AM	HOV		Beach Ave Off-Ramp to Beach	2760156	0.63	855		855	61	50	541		541
174	2035	ALT2	EB	AM	HOV		BeachAve On-Ramp to Citrus A	2760156	0.45	855		855	61	50	383		383
175	2035	ALT2	EB	AM	HOV		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	855		855	61	50	458		458
176	2035	ALT2	EB	AM	HOV		Citrus Ave On-Ramp to Sierra A	2760156	0.47	855		855	61	50	401		401
177	2035	ALT2	EB	AM	HOV		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	855		855	61	50	545		545
178	2035	ALT2	EB	AM	HOV		Sierra Ave On-Ramp to Alder A	2760156	0.31	855		855	61	50	264		264
179	2035	ALT2	EB	AM	HOV		Alder Ave Off-Ramp to Alder A	2779122	0.37	855		855	61	50	317		317
180	2035	ALT2	EB	AM	HOV		Alder Ave On-Ramp to Cedar A	2779122	0.50	855		855	61	50	427		427
181	2035	ALT2	EB	AM	HOV		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	1286		1286	44	44	1092		1092
182	2035	ALT2	EB	AM	HOV		Cedar Ave On-Ramp to Riversic	2779122	0.80	1286		1286	44	44	1023		1023
183	2035	ALT2	EB	AM	HOV		Riverside Ave Off-Ramp to Rive	2779122	0.58	1286		1286	44	44	742		742
184	2035	ALT2	EB	AM	HOV		Riverside Ave On-Ramp to Pep	2779122	0.20	1286		1286	44	44	257		257

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
185	2035	ALT2	EB	AM	HOV		Pepper Ave Off-Ramp to Peppe	2779122	0.66	1286		1286	44	44	848		848
186	2035	ALT2	EB	AM	HOV		Pepper Ave On-Ramp to Ranch	2779122	0.26	1286		1286	44	44	335		335
187	2035	ALT2	EB	AM	HOV		Rancho Ave Off-Ramp to Ranch	2779122	0.41	1286		1286	44	44	530		530
188	2035	ALT2	EB	AM	HOV		Rancho Ave On-Ramp to La Ca	2779122	0.18	1286		1286	44	44	231		231
189	2035	ALT2	EB	AM	HOV		La Cadena Dr/9th St Off-Ramp	2779122	0.53	1286		1286	44	44	681		681
190	2035	ALT2	EB	AM	HOV		La Cadena Dr/9th St On-Ramp	2779122	0.03	1286		1286	44	44	36		36
191	2035	ALT2	EB	AM	HOV		Mt Vernon Ave Off-Ramp to M	2779128	0.61	1343		1343	59	50	814		814
192	2035	ALT2	EB	AM	HOV		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	1343		1343	59	50	65		65
193	2035	ALT2	EB	AM	HOV		I-215 Off-Ramp to I-215 NB On	2779128	0.94	1343		1343	59	50	1265		1265
194	2035	ALT2	EB	AM	HOV		I-215 NB On-Ramp to I-215 SB	2779128	0.11	1343		1343	59	50	147		147
195	2035	ALT2	EB	AM	HOV		I-215 SB On-Ramp to Redlands	2779128	0.13	1343		1343	59	50	174		174
196	2035	ALT2	EB	AM	HOV		Redlands Blvd Off-Ramp to Wa	2779128	0.11	1343		1343	59	50	146		146
197	2035	ALT2	EB	AM	HOV		Waterman Ave Off-Ramp to W	2779128	0.63	1343		1343	59	50	848		848
198	2035	ALT2	EB	AM	HOV		Waterman Ave On-Ramp to An	2779128	0.28	1343		1343	59	50	379		379
199	2035	ALT2	EB	AM	HOV		Anderson St Off-Ramp to Ande	2760301	0.40	2212		2212	54	50	894		894
200	2035	ALT2	EB	AM	HOV		Anderson St On-Ramp to Mour	2760301	0.21	2212		2212	54	50	460		460
201	2035	ALT2	EB	AM	HOV		Mountain View Ave Off-Ramp t	2760301	0.79	2212		2212	54	50	1748		1748
202	2035	ALT2	EB	AM	HOV		Mountain View Ave On-Ramp t	2760301	0.18	2212		2212	54	50	406		406
203	2035	ALT2	EB	AM	HOV		California St Off-Ramp to Califc	2760301	0.84	2212		2212	54	50	1861		1861
204	2035	ALT2	EB	AM	HOV		California St On-Ramp to Alaba	2731614	0.18	2290		2290	53	50	402		402
205	2035	ALT2	EB	AM	HOV		Alabama St Off-Ramp to SR-21	2731614	0.39	2290		2290	53	50	897		897
206	2035	ALT2	EB	AM	HOV		SR-210 NB Off-Ramp to Tennes	2731614	0.18	2290		2290	53	50	404		404
207	2035	ALT2	EB	AM	HOV		Tennessee St Off-Ramp to Ten	2731614	0.64	2290		2290	53	50	1473		1473
208	2035	ALT2	EB	AM	HOV		Tennessee St On-Ramp to SR-2	2731614	0.20	2290		2290	53	50	454		454
209	2035	ALT2	EB	AM	HOV		SR-210 SB On-Ramp to Eureka	2731614	0.05	2290		2290	53	50	116		116
210	2035	ALT2	EB	AM	HOV		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	3313		3313	47	47	1427		1427
211	2035	ALT2	EB	AM	HOV		Pearl Ave On-Ramp to Universi	2760225	0.30	3313		3313	47	47	985		985
212	2035	ALT2	EB	AM	HOV		University St Off-Ramp to Cypr	2760225	0.80	3313		3313	47	47	2636		2636
213	2035	ALT2	EB	AM	HOV		Cypress Ave On-Ramp to Ford	2760225	0.46	3313		3313	47	47	1517		1517
214	2035	ALT2	EB	AM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2035	ALT2	EB	AM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
1	2035	ALT2	EB	MD	Mainline		LA County Line to Monte Vista	25707	0.26	34530	4719	39249	56	50	8847	1209	10056
2	2035	ALT2	EB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	31347	4614	35961	58	50	21203	3121	24324
3	2035	ALT2	EB	MD	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	38698	4763	43461	58	50	1130	139	1269
4	2035	ALT2	EB	MD	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	34440	4695	39135	56	50	19699	2685	22384
5	2035	ALT2	EB	MD	Mainline		Central Ave On-Ramp to Moun	23488	0.21	35453	4812	40265	59	50	7374	1001	8375
6	2035	ALT2	EB	MD	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	31467	4662	36129	58	50	10789	1598	12387
7	2035	ALT2	EB	MD	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	35243	4838	40081	56	50	16846	2312	19158
8	2035	ALT2	EB	MD	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	31076	4668	35744	58	50	20055	3012	23067
9	2035	ALT2	EB	MD	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	37230	4793	42023	54	50	19058	2454	21512
10	2035	ALT2	EB	MD	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	29305	4536	33841	59	50	5041	780	5821
11	2035	ALT2	EB	MD	Mainline		San Bernardino Ave/4th St On-	23534	0.33	33693	4696	38389	57	50	11087	1545	12632
12	2035	ALT2	EB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	30091	4376	34467	58	50	7357	1070	8427
13	2035	ALT2	EB	MD	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	36634	4525	41159	61	50	7048	871	7919
14	2035	ALT2	EB	MD	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	32266	3957	36223	60	50	10922	1339	12261
15	2035	ALT2	EB	MD	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	38937	4515	43452	57	50	15190	1761	16951
16	2035	ALT2	EB	MD	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	40446	4629	45075	56	50	9027	1033	10060
17	2035	ALT2	EB	MD	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	33474	4302	37776	56	50	13925	1790	15715
18	2035	ALT2	EB	MD	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	35417	4419	39836	58	50	11058	1380	12438

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
19	2035	ALT2	EB	MD	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	36859	4625	41484	60	50	8260	1037	9297
20	2035	ALT2	EB	MD	Mainline		Milliken Ave Off-Ramp to Millil	23622	0.53	32057	4127	36184	60	50	17000	2189	19189
21	2035	ALT2	EB	MD	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	35769	4348	40117	60	50	1900	231	2131
22	2035	ALT2	EB	MD	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	29523	3255	32778	61	50	7331	808	8139
23	2035	ALT2	EB	MD	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	24161	2721	26882	60	50	7410	835	8245
24	2035	ALT2	EB	MD	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	31968	3334	35302	61	50	6926	722	7648
25	2035	ALT2	EB	MD	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	32856	3380	36236	60	50	4625	476	5101
26	2035	ALT2	EB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	30768	3003	33771	61	50	39369	3842	43211
27	2035	ALT2	EB	MD	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	31985	3167	35152	62	50	29570	2928	32498
28	2035	ALT2	EB	MD	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	27098	2627	29725	62	50	16508	1600	18108
29	2035	ALT2	EB	MD	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	31008	2914	33922	63	50	11053	1039	12092
30	2035	ALT2	EB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	29248	2728	31976	63	50	18523	1728	20251
31	2035	ALT2	EB	MD	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	30690	2835	33525	63	50	13753	1270	15023
32	2035	ALT2	EB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	28255	2717	30972	62	50	15137	1456	16593
33	2035	ALT2	EB	MD	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	30475	2810	33285	61	50	14279	1317	15596
34	2035	ALT2	EB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	26491	2615	29106	60	50	16886	1667	18553
35	2035	ALT2	EB	MD	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	29836	2701	32537	61	50	9229	835	10064
36	2035	ALT2	EB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	29836	2701	32537	61	50	11057	1001	12058
37	2035	ALT2	EB	MD	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	29836	2701	32537	61	50	14892	1348	16240
38	2035	ALT2	EB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	25659	2324	27983	61	50	21779	1973	23752
39	2035	ALT2	EB	MD	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	27546	2409	29955	62	50	21912	1916	23828
40	2035	ALT2	EB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	24052	2207	26259	63	50	13875	1273	15148
41	2035	ALT2	EB	MD	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	27246	2356	29602	62	50	5437	470	5907
42	2035	ALT2	EB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	24814	2258	27072	61	50	16370	1490	17860
43	2035	ALT2	EB	MD	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	26529	2308	28837	62	50	6913	601	7514
44	2035	ALT2	EB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	26529	2308	28837	62	50	10931	951	11882
45	2035	ALT2	EB	MD	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	27271	2328	29599	62	50	4897	418	5315
46	2035	ALT2	EB	MD	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	25275	2202	27477	61	50	13380	1166	14546
47	2035	ALT2	EB	MD	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	26607	2234	28841	62	50	747	63	810
48	2035	ALT2	EB	MD	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	24891	2160	27051	62	50	15077	1308	16385
49	2035	ALT2	EB	MD	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	26606	2199	28805	61	50	1288	106	1394
50	2035	ALT2	EB	MD	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	22151	1896	24047	61	50	20864	1786	22650
51	2035	ALT2	EB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	34202	2772	36974	59	50	3749	304	4053
52	2035	ALT2	EB	MD	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	44880	3507	48387	58	50	5811	454	6265
53	2035	ALT2	EB	MD	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	40230	3415	43645	57	50	4373	371	4744
54	2035	ALT2	EB	MD	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	37212	3262	40474	54	50	23499	2060	25559
55	2035	ALT2	EB	MD	Mainline		Waterman Ave On-Ramp to An	24356	0.28	37203	3350	40553	58	50	10511	946	11457
56	2035	ALT2	EB	MD	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	33169	3194	36363	57	50	13403	1291	14694
57	2035	ALT2	EB	MD	Mainline		Anderson St On-Ramp to Mour	24003	0.21	34724	3208	37932	62	50	7225	667	7892
58	2035	ALT2	EB	MD	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	30806	2959	33765	61	50	24350	2339	26689
59	2035	ALT2	EB	MD	Mainline		Mountain View Ave On-Ramp t	24040	0.18	34191	3074	37265	62	50	6276	564	6840
60	2035	ALT2	EB	MD	Mainline		California St Off-Ramp to Califc	24075	0.84	30861	2864	33725	61	50	25971	2410	28381
61	2035	ALT2	EB	MD	Mainline		California St On-Ramp to Alaba	24046	0.18	32954	2909	35863	62	50	5792	511	6303
62	2035	ALT2	EB	MD	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	29396	2763	32159	63	50	11510	1082	12592
63	2035	ALT2	EB	MD	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	24661	2524	27185	62	50	4356	446	4802
64	2035	ALT2	EB	MD	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	21043	2279	23322	62	50	13536	1466	15002
65	2035	ALT2	EB	MD	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	23116	2321	25437	61	50	4586	461	5047
66	2035	ALT2	EB	MD	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	30966	4035	35001	61	50	1567	204	1771
67	2035	ALT2	EB	MD	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	23566	3875	27441	61	50	10151	1669	11820

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
68	2035	ALT2	EB	MD	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	25201	3926	29127	62	50	7490	1167	8657
69	2035	ALT2	EB	MD	Mainline		University St Off-Ramp to Cypr	23724	0.80	21349	3793	25142	61	50	16983	3017	20000
70	2035	ALT2	EB	MD	Mainline		Cypress Ave On-Ramp to Ford S	23642	0.46	22387	3818	26205	63	50	10248	1748	11996
71	2035	ALT2	EB	MD	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	20440	3771	24211	63	50	13288	2452	15740
72	2035	ALT2	EB	MD	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	22702	3797	26499	64	50	13393	2240	15633
73	2035	ALT2	EB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	3183	105	3288	18	18	602	20	622
74	2035	ALT2	EB	MD	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2308	149	2457	16	16	298	19	317
75	2035	ALT2	EB	MD	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	4258	68	4326	11	11	554	9	563
76	2035	ALT2	EB	MD	Ramp	ON	Central Ave On-Ramp	2668755	0.19	3528	116	3644	13	13	661	22	683
77	2035	ALT2	EB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3543	150	3693	15	15	573	24	597
78	2035	ALT2	EB	MD	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	3776	176	3952	12	12	441	21	462
79	2035	ALT2	EB	MD	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	4167	170	4337	11	11	611	25	636
80	2035	ALT2	EB	MD	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2993	125	3118	14	14	1047	44	1091
81	2035	ALT2	EB	MD	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	5902	257	6159	23	23	1874	82	1956
82	2035	ALT2	EB	MD	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	4388	160	4548	17	17	1032	38	1070
83	2035	ALT2	EB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	3602	320	3922	26	26	367	33	400
84	2035	ALT2	EB	MD	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	4346	149	4495	28	28	544	19	563
85	2035	ALT2	EB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4369	568	4937	30	30	1271	165	1436
86	2035	ALT2	EB	MD	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5685	558	6243	21	21	1296	127	1423
87	2035	ALT2	EB	MD	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1509	114	1623	17	17	350	26	376
88	2035	ALT2	EB	MD	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	6971	328	7299	17	17	989	47	1036
89	2035	ALT2	EB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1531	117	1648	17	17	187	14	201
90	2035	ALT2	EB	MD	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1443	206	1649	17	17	404	58	462
91	2035	ALT2	EB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	4803	498	5301	23	23	848	88	936
92	2035	ALT2	EB	MD	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3279	221	3500	12	12	634	43	677
93	2035	ALT2	EB	MD	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	6246	1093	7339	31	31	6934	1213	8147
94	2035	ALT2	EB	MD	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	5361	534	5895	23	23	3092	308	3400
95	2035	ALT2	EB	MD	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	7807	613	8420	14	14	870	68	938
96	2035	ALT2	EB	MD	Ramp	ON	I-15 SB On-Ramp	23557	1.20	887	47	934	35	35	1062	56	1118
97	2035	ALT2	EB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	2087	378	2465	27	27	410	74	484
98	2035	ALT2	EB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1471	164	1635	28	28	526	59	585
99	2035	ALT2	EB	MD	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4886	540	5426	30	30	996	110	1106
100	2035	ALT2	EB	MD	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	3945	287	4232	28	28	1216	88	1304
101	2035	ALT2	EB	MD	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	1761	186	1947	34	34	607	64	671
102	2035	ALT2	EB	MD	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1565	107	1672	29	29	462	32	494
103	2035	ALT2	EB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2436	117	2553	33	33	326	16	342
104	2035	ALT2	EB	MD	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2268	93	2361	19	19	609	25	634
105	2035	ALT2	EB	MD	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	3984	195	4179	26	26	467	23	490
106	2035	ALT2	EB	MD	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3438	86	3524	13	13	101	3	104
107	2035	ALT2	EB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2220	168	2388	22	22	795	60	855
108	2035	ALT2	EB	MD	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	2181	57	2238	17	17	749	20	769
109	2035	ALT2	EB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	3959	265	4224	26	26	724	48	772
110	2035	ALT2	EB	MD	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1987	85	2072	19	19	817	35	852
111	2035	ALT2	EB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	3494	202	3696	32	32	438	25	463
112	2035	ALT2	EB	MD	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3286	149	3435	18	18	991	45	1036
113	2035	ALT2	EB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2433	98	2531	21	21	743	30	773
114	2035	ALT2	EB	MD	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1876	50	1926	17	17	686	18	704
115	2035	ALT2	EB	MD	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2035	ALT2	EB	MD	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	828	20	848	19	19	264	6	270

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
117	2035	ALT2	EB	MD	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1997	126	2123	23	23	495	31	526
118	2035	ALT2	EB	MD	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1332	32	1364	19	19	377	9	386
119	2035	ALT2	EB	MD	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1715	74	1789	24	24	721	31	752
120	2035	ALT2	EB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1828	38	1866	19	19	475	10	485
121	2035	ALT2	EB	MD	Ramp	OFF	I-215 Off-Ramp	24444	0.24	4455	303	4758	34	34	1048	71	1119
122	2035	ALT2	EB	MD	Ramp	ON	I-215 NB On-Ramp	24630	0.87	12051	876	12927	26	26	10473	761	11234
123	2035	ALT2	EB	MD	Ramp	ON	I-215 SB On-Ramp	24516	0.76	10678	735	11413	28	28	8095	557	8652
124	2035	ALT2	EB	MD	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	4650	92	4742	6	6	423	8	431
125	2035	ALT2	EB	MD	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	3019	153	3172	15	15	751	38	789
126	2035	ALT2	EB	MD	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2089	87	2176	16	16	290	12	302
127	2035	ALT2	EB	MD	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3988	155	4143	9	9	1004	39	1043
128	2035	ALT2	EB	MD	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1556	13	1569	17	17	160	1	161
129	2035	ALT2	EB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	3919	248	4167	17	17	1151	73	1224
130	2035	ALT2	EB	MD	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	3443	114	3557	29	29	785	26	811
131	2035	ALT2	EB	MD	Ramp	OFF	California St Off-Ramp	94801	0.46	3330	210	3540	22	22	1516	96	1612
132	2035	ALT2	EB	MD	Ramp	ON	California St On-Ramp	95942	0.39	2149	45	2194	28	28	833	17	850
133	2035	ALT2	EB	MD	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	3559	145	3704	21	21	1543	63	1606
134	2035	ALT2	EB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	4735	239	4974	29	29	3917	198	4115
135	2035	ALT2	EB	MD	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	3617	246	3863	20	20	1241	84	1325
136	2035	ALT2	EB	MD	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2072	42	2114	17	17	220	4	224
137	2035	ALT2	EB	MD	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	7851	1714	9565	27	27	8332	1819	10151
138	2035	ALT2	EB	MD	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	4685	160	4845	8	8	417	14	431
139	2035	ALT2	EB	MD	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1635	51	1686	18	18	484	15	499
140	2035	ALT2	EB	MD	Ramp	OFF	University St Off-Ramp	94695	0.28	3852	133	3985	14	14	1077	37	1114
141	2035	ALT2	EB	MD	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	1068	25	1093	29	29	323	8	331
142	2035	ALT2	EB	MD	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3317	47	3364	23	23	911	13	924
143	2035	ALT2	EB	MD	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	2261	27	2288	29	29	852	10	862
144	2035	ALT2	EB	MD	HOV		LA County Line to Monte Vista	2664669	0.26	9613		9613	39	39	2463		2463
145	2035	ALT2	EB	MD	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	9613		9613	39	39	6502		6502
146	2035	ALT2	EB	MD	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	9613		9613	39	39	281		281
147	2035	ALT2	EB	MD	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	9613		9613	39	39	5498		5498
148	2035	ALT2	EB	MD	HOV		Central Ave On-Ramp to Moun	2664669	0.21	9613		9613	39	39	1999		1999
149	2035	ALT2	EB	MD	HOV		Mountain Ave Off-Ramp to Mc	2664669	0.34	9613		9613	39	39	3296		3296
150	2035	ALT2	EB	MD	HOV		Mountain Ave On-Ramp to Euc	2779098	0.48	7527		7527	46	46	3598		3598
151	2035	ALT2	EB	MD	HOV		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	7527		7527	46	46	4857		4857
152	2035	ALT2	EB	MD	HOV		Euclid Ave On-Ramp to San Ber	2779098	0.51	7527		7527	46	46	3853		3853
153	2035	ALT2	EB	MD	HOV		San Bernardino Ave/4th St Off-	2665612	0.17	6389		6389	55	50	1099		1099
154	2035	ALT2	EB	MD	HOV		San Bernardino Ave/4th St On-	2665612	0.33	6389		6389	55	50	2102		2102
155	2035	ALT2	EB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	6389		6389	55	50	1562		1562
156	2035	ALT2	EB	MD	HOV		Vineyard Ave On-Ramp to Arch	2665612	0.19	6389		6389	55	50	1229		1229
157	2035	ALT2	EB	MD	HOV		Archibald Ave Off-Ramp to Hol	2665612	0.34	6389		6389	55	50	2163		2163
158	2035	ALT2	EB	MD	HOV		Holt Blvd On-Ramp to Archibal	2665612	0.39	6389		6389	55	50	2492		2492
159	2035	ALT2	EB	MD	HOV		Archibald Ave On-Ramp to Hav	2665612	0.22	6389		6389	55	50	1426		1426
160	2035	ALT2	EB	MD	HOV		Haven Ave Off-Ramp to Haven	2665612	0.42	6389		6389	55	50	2658		2658
161	2035	ALT2	EB	MD	HOV		Haven Ave Loop On-Ramp to H	2778934	0.31	2794		2794	58	50	872		872
162	2035	ALT2	EB	MD	HOV		Haven Ave On-Ramp to Millike	2778934	0.22	2794		2794	58	50	626		626
163	2035	ALT2	EB	MD	HOV		Milliken Ave Off-Ramp to Millik	2778934	0.53	2794		2794	58	50	1482		1482
164	2035	ALT2	EB	MD	HOV		Milliken Ave Loop On-Ramp to	2778934	0.05	2794		2794	58	50	148		148
165	2035	ALT2	EB	MD	HOV		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	2794		2794	58	50	694		694

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
166	2035	ALT2	EB	MD	HOV		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	2794		2794	58	50	857		857
167	2035	ALT2	EB	MD	HOV		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	2794		2794	58	50	605		605
168	2035	ALT2	EB	MD	HOV		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	2794		2794	58	50	393		393
169	2035	ALT2	EB	MD	HOV		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	2794		2794	58	50	3575		3575
170	2035	ALT2	EB	MD	HOV		Etiwanda Ave On-Ramp to Che	2778934	0.92	2794		2794	58	50	2583		2583
171	2035	ALT2	EB	MD	HOV		Cherry Ave Off-Ramp to Cherry	2760156	0.61	2650		2650	59	50	1614		1614
172	2035	ALT2	EB	MD	HOV		Cherry Ave On-Ramp to Beach	2760156	0.36	2650		2650	59	50	945		945
173	2035	ALT2	EB	MD	HOV		Beach Ave Off-Ramp to Beach	2760156	0.63	2650		2650	59	50	1678		1678
174	2035	ALT2	EB	MD	HOV		BeachAve On-Ramp to Citrus A	2760156	0.45	2650		2650	59	50	1188		1188
175	2035	ALT2	EB	MD	HOV		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	2650		2650	59	50	1420		1420
176	2035	ALT2	EB	MD	HOV		Citrus Ave On-Ramp to Sierra A	2760156	0.47	2650		2650	59	50	1242		1242
177	2035	ALT2	EB	MD	HOV		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	2650		2650	59	50	1689		1689
178	2035	ALT2	EB	MD	HOV		Sierra Ave On-Ramp to Alder A	2760156	0.31	2650		2650	59	50	820		820
179	2035	ALT2	EB	MD	HOV		Alder Ave Off-Ramp to Alder A	2779122	0.37	2650		2650	59	50	982		982
180	2035	ALT2	EB	MD	HOV		Alder Ave On-Ramp to Cedar A	2779122	0.50	2650		2650	59	50	1323		1323
181	2035	ALT2	EB	MD	HOV		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	3095		3095	43	43	2627		2627
182	2035	ALT2	EB	MD	HOV		Cedar Ave On-Ramp to Riversic	2779122	0.80	3095		3095	43	43	2462		2462
183	2035	ALT2	EB	MD	HOV		Riverside Ave Off-Ramp to Rive	2779122	0.58	3095		3095	43	43	1785		1785
184	2035	ALT2	EB	MD	HOV		Riverside Ave On-Ramp to Pep	2779122	0.20	3095		3095	43	43	618		618
185	2035	ALT2	EB	MD	HOV		Pepper Ave Off-Ramp to Peppe	2779122	0.66	3095		3095	43	43	2042		2042
186	2035	ALT2	EB	MD	HOV		Pepper Ave On-Ramp to Ranch	2779122	0.26	3095		3095	43	43	806		806
187	2035	ALT2	EB	MD	HOV		Rancho Ave Off-Ramp to Ranch	2779122	0.41	3095		3095	43	43	1275		1275
188	2035	ALT2	EB	MD	HOV		Rancho Ave On-Ramp to La Ca	2779122	0.18	3095		3095	43	43	556		556
189	2035	ALT2	EB	MD	HOV		La Cadena Dr/9th St Off-Ramp	2779122	0.53	3095		3095	43	43	1638		1638
190	2035	ALT2	EB	MD	HOV		La Cadena Dr/9th St On-Ramp	2779122	0.03	3095		3095	43	43	87		87
191	2035	ALT2	EB	MD	HOV		Mt Vernon Ave Off-Ramp to M	2779128	0.61	3533		3533	56	50	2140		2140
192	2035	ALT2	EB	MD	HOV		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	3533		3533	56	50	171		171
193	2035	ALT2	EB	MD	HOV		I-215 Off-Ramp to I-215 NB On	2779128	0.94	3533		3533	56	50	3328		3328
194	2035	ALT2	EB	MD	HOV		I-215 NB On-Ramp to I-215 SB	2779128	0.11	3533		3533	56	50	387		387
195	2035	ALT2	EB	MD	HOV		I-215 SB On-Ramp to Redlands	2779128	0.13	3533		3533	56	50	457		457
196	2035	ALT2	EB	MD	HOV		Redlands Blvd Off-Ramp to Wa	2779128	0.11	3533		3533	56	50	384		384
197	2035	ALT2	EB	MD	HOV		Waterman Ave Off-Ramp to W	2779128	0.63	3533		3533	56	50	2231		2231
198	2035	ALT2	EB	MD	HOV		Waterman Ave On-Ramp to An	2779128	0.28	3533		3533	56	50	998		998
199	2035	ALT2	EB	MD	HOV		Anderson St Off-Ramp to Ande	2760301	0.40	5789		5789	50	50	2339		2339
200	2035	ALT2	EB	MD	HOV		Anderson St On-Ramp to Mour	2760301	0.21	5789		5789	50	50	1204		1204
201	2035	ALT2	EB	MD	HOV		Mountain View Ave Off-Ramp t	2760301	0.79	5789		5789	50	50	4576		4576
202	2035	ALT2	EB	MD	HOV		Mountain View Ave On-Ramp t	2760301	0.18	5789		5789	50	50	1063		1063
203	2035	ALT2	EB	MD	HOV		California St Off-Ramp to Califc	2760301	0.84	5789		5789	50	50	4872		4872
204	2035	ALT2	EB	MD	HOV		California St On-Ramp to Alaba	2731614	0.18	5903		5903	49	49	1037		1037
205	2035	ALT2	EB	MD	HOV		Alabama St Off-Ramp to SR-21	2731614	0.39	5903		5903	49	49	2311		2311
206	2035	ALT2	EB	MD	HOV		SR-210 NB Off-Ramp to Tennes	2731614	0.18	5903		5903	49	49	1043		1043
207	2035	ALT2	EB	MD	HOV		Tennessee St Off-Ramp to Ten	2731614	0.64	5903		5903	49	49	3797		3797
208	2035	ALT2	EB	MD	HOV		Tennessee St On-Ramp to SR-2	2731614	0.20	5903		5903	49	49	1171		1171
209	2035	ALT2	EB	MD	HOV		SR-210 SB On-Ramp to Eureka	2731614	0.05	5903		5903	49	49	299		299
210	2035	ALT2	EB	MD	HOV		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	8618		8618	40	40	3712		3712
211	2035	ALT2	EB	MD	HOV		Pearl Ave On-Ramp to Universi	2760225	0.30	8618		8618	40	40	2561		2561
212	2035	ALT2	EB	MD	HOV		University St Off-Ramp to Cypr	2760225	0.80	8618		8618	40	40	6856		6856
213	2035	ALT2	EB	MD	HOV		Cypress Ave On-Ramp to Ford	2760225	0.46	8618		8618	40	40	3945		3945
214	2035	ALT2	EB	MD	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
215	2035	ALT2	EB	MD	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
1	2035	ALT2	EB	PM	Mainline		LA County Line to Monte Vista	25707	0.26	25294	8533	33827	62	50	6481	2186	8667
2	2035	ALT2	EB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	24111	8468	32579	62	50	16309	5728	22037
3	2035	ALT2	EB	PM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	27631	8563	36194	63	50	807	250	1057
4	2035	ALT2	EB	PM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	23941	8442	32383	62	50	13694	4829	18523
5	2035	ALT2	EB	PM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	25503	8559	34062	63	50	5304	1780	7084
6	2035	ALT2	EB	PM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	22592	8432	31024	63	50	7746	2891	10637
7	2035	ALT2	EB	PM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	25161	8597	33758	62	50	12027	4109	16136
8	2035	ALT2	EB	PM	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	21637	8402	30039	63	50	13963	5422	19385
9	2035	ALT2	EB	PM	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	25065	8507	33572	62	50	12831	4355	17186
10	2035	ALT2	EB	PM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	19939	8306	28245	63	50	3430	1429	4859
11	2035	ALT2	EB	PM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	22150	8415	30565	62	50	7288	2769	10057
12	2035	ALT2	EB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	20682	8124	28806	63	50	5056	1986	7042
13	2035	ALT2	EB	PM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	24077	8227	32304	64	50	4632	1583	6215
14	2035	ALT2	EB	PM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	19843	7862	27705	64	50	6717	2661	9378
15	2035	ALT2	EB	PM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	24553	8414	32967	63	50	9578	3282	12860
16	2035	ALT2	EB	PM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	25604	8504	34108	63	50	5714	1898	7612
17	2035	ALT2	EB	PM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	21878	8163	30041	62	50	9101	3396	12497
18	2035	ALT2	EB	PM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	22640	8269	30909	63	50	7068	2582	9650
19	2035	ALT2	EB	PM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	23559	8449	32008	63	50	5280	1893	7173
20	2035	ALT2	EB	PM	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	21552	8051	29603	63	50	11429	4270	15699
21	2035	ALT2	EB	PM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	24047	8313	32360	63	50	1277	442	1719
22	2035	ALT2	EB	PM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	18608	4282	22890	64	50	4621	1063	5684
23	2035	ALT2	EB	PM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	15526	3742	19268	63	50	4762	1148	5910
24	2035	ALT2	EB	PM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	19974	4159	24133	63	50	4327	901	5228
25	2035	ALT2	EB	PM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	20492	4202	24694	64	50	2885	591	3476
26	2035	ALT2	EB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	19710	3886	23596	64	50	25220	4972	30192
27	2035	ALT2	EB	PM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	20249	4018	24267	64	50	18720	3715	22435
28	2035	ALT2	EB	PM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	16253	3504	19757	64	50	9901	2135	12036
29	2035	ALT2	EB	PM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	18575	3747	22322	64	50	6621	1336	7957
30	2035	ALT2	EB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	18055	3641	21696	64	50	11435	2306	13741
31	2035	ALT2	EB	PM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	18757	3732	22489	64	50	8405	1672	10077
32	2035	ALT2	EB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	17066	3636	20702	64	50	9143	1948	11091
33	2035	ALT2	EB	PM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	18279	3715	21994	64	50	8564	1741	10305
34	2035	ALT2	EB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	15660	3518	19178	64	50	9982	2242	12224
35	2035	ALT2	EB	PM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	17384	3583	20967	64	50	5377	1108	6485
36	2035	ALT2	EB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	17384	3583	20967	64	50	6442	1328	7770
37	2035	ALT2	EB	PM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	17384	3583	20967	64	50	8677	1788	10465
38	2035	ALT2	EB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	14149	3245	17394	64	50	12010	2754	14764
39	2035	ALT2	EB	PM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	15048	3303	18351	64	50	11970	2627	14597
40	2035	ALT2	EB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	13590	3173	16763	64	50	7840	1830	9670
41	2035	ALT2	EB	PM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	15336	3307	18643	64	50	3061	660	3721
42	2035	ALT2	EB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	13611	3212	16823	64	50	8979	2119	11098
43	2035	ALT2	EB	PM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	14553	3260	17813	64	50	3792	849	4641
44	2035	ALT2	EB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	14553	3260	17813	64	50	5996	1343	7339
45	2035	ALT2	EB	PM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	15034	3271	18305	64	50	2700	587	3287
46	2035	ALT2	EB	PM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	13809	3154	16963	64	50	7310	1670	8980
47	2035	ALT2	EB	PM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	14458	3182	17640	64	50	406	89	495
48	2035	ALT2	EB	PM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	13509	3136	16645	64	50	8183	1900	10083

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
49	2035	ALT2	EB	PM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	14242	3165	17407	64	50	689	153	842
50	2035	ALT2	EB	PM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	12625	2954	15579	64	50	11892	2782	14674
51	2035	ALT2	EB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	20696	3799	24495	64	50	2269	416	2685
52	2035	ALT2	EB	PM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	27930	4814	32744	63	50	3617	623	4240
53	2035	ALT2	EB	PM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	24213	4494	28707	63	50	2632	489	3121
54	2035	ALT2	EB	PM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	23976	4475	28451	62	50	15141	2826	17967
55	2035	ALT2	EB	PM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	24020	4555	28575	63	50	6786	1287	8073
56	2035	ALT2	EB	PM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	20943	4323	25266	63	50	8463	1747	10210
57	2035	ALT2	EB	PM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	21942	4335	26277	64	50	4565	902	5467
58	2035	ALT2	EB	PM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	19978	4144	24122	64	50	15791	3276	19067
59	2035	ALT2	EB	PM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	22480	4248	26728	64	50	4126	780	4906
60	2035	ALT2	EB	PM	Mainline		California St Off-Ramp to Califc	24075	0.84	20976	4040	25016	64	50	17652	3400	21052
61	2035	ALT2	EB	PM	Mainline		California St On-Ramp to Alaba	24046	0.18	22210	4079	26289	64	50	3903	717	4620
62	2035	ALT2	EB	PM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	19740	3880	23620	64	50	7729	1519	9248
63	2035	ALT2	EB	PM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	17312	3722	21034	64	50	3058	657	3715
64	2035	ALT2	EB	PM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	15175	3519	18694	64	50	9761	2264	12025
65	2035	ALT2	EB	PM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	16665	3558	20223	64	50	3307	706	4013
66	2035	ALT2	EB	PM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	20196	4264	24460	64	50	1022	216	1238
67	2035	ALT2	EB	PM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	16394	4102	20496	64	50	7062	1767	8829
68	2035	ALT2	EB	PM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	17602	4140	21742	64	50	5232	1231	6463
69	2035	ALT2	EB	PM	Mainline		University St Off-Ramp to Cypr	23724	0.80	14618	4021	18639	64	50	11629	3199	14828
70	2035	ALT2	EB	PM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	15136	4034	19170	64	50	6929	1847	8776
71	2035	ALT2	EB	PM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	13500	3999	17499	64	50	8776	2600	11376
72	2035	ALT2	EB	PM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	14629	4021	18650	65	50	8630	2372	11002
73	2035	ALT2	EB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1182	65	1247	28	28	224	12	236
74	2035	ALT2	EB	PM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1111	95	1206	19	19	144	12	156
75	2035	ALT2	EB	PM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3690	121	3811	23	23	480	16	496
76	2035	ALT2	EB	PM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2355	118	2473	18	18	441	22	463
77	2035	ALT2	EB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	2714	127	2841	25	25	439	21	460
78	2035	ALT2	EB	PM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2570	165	2735	18	18	300	19	319
79	2035	ALT2	EB	PM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3525	195	3720	23	23	516	29	545
80	2035	ALT2	EB	PM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1866	105	1971	18	18	653	37	690
81	2035	ALT2	EB	PM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	3953	201	4154	28	28	1255	64	1319
82	2035	ALT2	EB	PM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	2211	109	2320	19	19	520	26	546
83	2035	ALT2	EB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1468	291	1759	29	29	149	30	179
84	2035	ALT2	EB	PM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2202	103	2305	30	30	276	13	289
85	2035	ALT2	EB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4235	365	4600	33	33	1232	106	1338
86	2035	ALT2	EB	PM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	3804	553	4357	27	27	867	126	993
87	2035	ALT2	EB	PM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1052	89	1141	19	19	244	21	265
88	2035	ALT2	EB	PM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	3727	340	4067	27	27	529	48	577
89	2035	ALT2	EB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	908	106	1014	19	19	111	13	124
90	2035	ALT2	EB	PM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	920	180	1100	19	19	257	50	307
91	2035	ALT2	EB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2008	398	2406	29	29	354	70	424
92	2035	ALT2	EB	PM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2098	263	2361	17	17	406	51	457
93	2035	ALT2	EB	PM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	5438	4032	9470	32	32	6037	4476	10513
94	2035	ALT2	EB	PM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3083	539	3622	31	31	1778	311	2089
95	2035	ALT2	EB	PM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	4448	417	4865	30	30	496	46	542
96	2035	ALT2	EB	PM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	518	43	561	35	35	620	51	671
97	2035	ALT2	EB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	782	316	1098	29	29	154	62	216

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
98	2035	ALT2	EB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	657	132	789	30	30	235	47	282
99	2035	ALT2	EB	PM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	3997	514	4511	33	33	815	105	920
100	2035	ALT2	EB	PM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2324	244	2568	29	29	716	75	791
101	2035	ALT2	EB	PM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	520	106	626	35	35	179	37	216
102	2035	ALT2	EB	PM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	781	91	872	30	30	231	27	258
103	2035	ALT2	EB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1691	96	1787	34	34	226	13	239
104	2035	ALT2	EB	PM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1239	79	1318	20	20	332	21	353
105	2035	ALT2	EB	PM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2619	197	2816	29	29	307	23	330
106	2035	ALT2	EB	PM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	1775	66	1841	19	19	52	2	54
107	2035	ALT2	EB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	1666	156	1822	27	27	596	56	652
108	2035	ALT2	EB	PM	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1204	47	1251	19	19	413	16	429
109	2035	ALT2	EB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2590	229	2819	29	29	474	42	516
110	2035	ALT2	EB	PM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	960	57	1017	20	20	395	23	418
111	2035	ALT2	EB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1459	130	1589	34	34	183	16	199
112	2035	ALT2	EB	PM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	1796	134	1930	20	20	542	40	582
113	2035	ALT2	EB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1725	95	1820	27	27	527	29	556
114	2035	ALT2	EB	PM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1032	47	1079	19	19	378	17	395
115	2035	ALT2	EB	PM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2035	ALT2	EB	PM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	535	11	546	20	20	170	4	174
117	2035	ALT2	EB	PM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1224	117	1341	28	28	303	29	332
118	2035	ALT2	EB	PM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	649	28	677	20	20	184	8	192
119	2035	ALT2	EB	PM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	949	46	995	28	28	399	19	418
120	2035	ALT2	EB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	788	30	818	20	20	205	8	213
121	2035	ALT2	EB	PM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	1617	211	1828	35	35	380	50	430
122	2035	ALT2	EB	PM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	8071	845	8916	33	33	7014	734	7748
123	2035	ALT2	EB	PM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	7234	1015	8249	33	33	5484	769	6253
124	2035	ALT2	EB	PM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3716	320	4036	19	19	338	29	367
125	2035	ALT2	EB	PM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	238	18	256	29	29	59	4	63
126	2035	ALT2	EB	PM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1438	80	1518	19	19	200	11	211
127	2035	ALT2	EB	PM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3157	232	3389	21	21	795	58	853
128	2035	ALT2	EB	PM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1000	12	1012	19	19	103	1	104
129	2035	ALT2	EB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	1964	191	2155	32	32	577	56	633
130	2035	ALT2	EB	PM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	2552	103	2655	29	29	582	23	605
131	2035	ALT2	EB	PM	Ramp	OFF	California St Off-Ramp	94801	0.46	1504	208	1712	32	32	685	95	780
132	2035	ALT2	EB	PM	Ramp	ON	California St On-Ramp	95942	0.39	1362	39	1401	29	29	528	15	543
133	2035	ALT2	EB	PM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2470	199	2669	31	31	1071	86	1157
134	2035	ALT2	EB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2428	158	2586	30	30	2008	131	2139
135	2035	ALT2	EB	PM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2137	203	2340	31	31	733	70	803
136	2035	ALT2	EB	PM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1490	39	1529	19	19	158	4	162
137	2035	ALT2	EB	PM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	3531	706	4237	29	29	3748	749	4497
138	2035	ALT2	EB	PM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2676	162	2838	25	25	238	14	252
139	2035	ALT2	EB	PM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1207	39	1246	19	19	358	12	370
140	2035	ALT2	EB	PM	Ramp	OFF	University St Off-Ramp	94695	0.28	2983	119	3102	24	24	834	33	867
141	2035	ALT2	EB	PM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	630	13	643	30	30	191	4	195
142	2035	ALT2	EB	PM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	2059	36	2095	32	32	566	10	576
143	2035	ALT2	EB	PM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	1130	22	1152	30	30	426	8	434
144	2035	ALT2	EB	PM	HOV		LA County Line to Monte Vista	2664669	0.26	5466		5466	58	50	1400		1400
145	2035	ALT2	EB	PM	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	5466		5466	58	50	3697		3697
146	2035	ALT2	EB	PM	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	5466		5466	58	50	160		160

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
147	2035	ALT2	EB	PM	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	5466		5466	58	50	3126		3126
148	2035	ALT2	EB	PM	HOV		Central Ave On-Ramp to Moun	2664669	0.21	5466		5466	58	50	1137		1137
149	2035	ALT2	EB	PM	HOV		Mountain Ave Off-Ramp to Mc	2664669	0.34	5466		5466	58	50	1874		1874
150	2035	ALT2	EB	PM	HOV		Mountain Ave On-Ramp to Euc	2779098	0.48	4048		4048	60	50	1935		1935
151	2035	ALT2	EB	PM	HOV		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	4048		4048	60	50	2612		2612
152	2035	ALT2	EB	PM	HOV		Euclid Ave On-Ramp to San Be	2779098	0.51	4048		4048	60	50	2072		2072
153	2035	ALT2	EB	PM	HOV		San Bernardino Ave/4th St Off-	2665612	0.17	3659		3659	62	50	629		629
154	2035	ALT2	EB	PM	HOV		San Bernardino Ave/4th St On-	2665612	0.33	3659		3659	62	50	1204		1204
155	2035	ALT2	EB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	3659		3659	62	50	895		895
156	2035	ALT2	EB	PM	HOV		Vineyard Ave On-Ramp to Arch	2665612	0.19	3659		3659	62	50	704		704
157	2035	ALT2	EB	PM	HOV		Archibald Ave Off-Ramp to Hol	2665612	0.34	3659		3659	62	50	1239		1239
158	2035	ALT2	EB	PM	HOV		Holt Blvd On-Ramp to Archibal	2665612	0.39	3659		3659	62	50	1427		1427
159	2035	ALT2	EB	PM	HOV		Archibald Ave On-Ramp to Hav	2665612	0.22	3659		3659	62	50	817		817
160	2035	ALT2	EB	PM	HOV		Haven Ave Off-Ramp to Haven	2665612	0.42	3659		3659	62	50	1522		1522
161	2035	ALT2	EB	PM	HOV		Haven Ave Loop On-Ramp to H	2778934	0.31	1706		1706	63	50	533		533
162	2035	ALT2	EB	PM	HOV		Haven Ave On-Ramp to Millike	2778934	0.22	1706		1706	63	50	382		382
163	2035	ALT2	EB	PM	HOV		Milliken Ave Off-Ramp to Millik	2778934	0.53	1706		1706	63	50	905		905
164	2035	ALT2	EB	PM	HOV		Milliken Ave Loop On-Ramp to	2778934	0.05	1706		1706	63	50	91		91
165	2035	ALT2	EB	PM	HOV		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	1706		1706	63	50	424		424
166	2035	ALT2	EB	PM	HOV		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	1706		1706	63	50	523		523
167	2035	ALT2	EB	PM	HOV		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	1706		1706	63	50	370		370
168	2035	ALT2	EB	PM	HOV		I-15 SB On-Ramp to Etiwanda /	2778934	0.14	1706		1706	63	50	240		240
169	2035	ALT2	EB	PM	HOV		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	1706		1706	63	50	2183		2183
170	2035	ALT2	EB	PM	HOV		Etiwanda Ave On-Ramp to Che	2778934	0.92	1706		1706	63	50	1577		1577
171	2035	ALT2	EB	PM	HOV		Cherry Ave Off-Ramp to Cherry	2760156	0.61	1430		1430	63	50	871		871
172	2035	ALT2	EB	PM	HOV		Cherry Ave On-Ramp to Beach	2760156	0.36	1430		1430	63	50	510		510
173	2035	ALT2	EB	PM	HOV		Beach Ave Off-Ramp to Beach	2760156	0.63	1430		1430	63	50	906		906
174	2035	ALT2	EB	PM	HOV		BeachAve On-Ramp to Citrus A	2760156	0.45	1430		1430	63	50	641		641
175	2035	ALT2	EB	PM	HOV		Citrus Ave Off-Ramp to Citrus /	2760156	0.54	1430		1430	63	50	766		766
176	2035	ALT2	EB	PM	HOV		Citrus Ave On-Ramp to Sierra A	2760156	0.47	1430		1430	63	50	670		670
177	2035	ALT2	EB	PM	HOV		Sierra Ave Off-Ramp to Sierra /	2760156	0.64	1430		1430	63	50	912		912
178	2035	ALT2	EB	PM	HOV		Sierra Ave On-Ramp to Alder A	2760156	0.31	1430		1430	63	50	442		442
179	2035	ALT2	EB	PM	HOV		Alder Ave Off-Ramp to Alder A	2779122	0.37	1430		1430	63	50	530		530
180	2035	ALT2	EB	PM	HOV		Alder Ave On-Ramp to Cedar A	2779122	0.50	1430		1430	63	50	714		714
181	2035	ALT2	EB	PM	HOV		Cedar Ave Off-Ramp to Cedar /	2779122	0.85	1770		1770	47	47	1502		1502
182	2035	ALT2	EB	PM	HOV		Cedar Ave On-Ramp to Riversic	2779122	0.80	1770		1770	47	47	1408		1408
183	2035	ALT2	EB	PM	HOV		Riverside Ave Off-Ramp to Rive	2779122	0.58	1770		1770	47	47	1021		1021
184	2035	ALT2	EB	PM	HOV		Riverside Ave On-Ramp to Pep	2779122	0.20	1770		1770	47	47	353		353
185	2035	ALT2	EB	PM	HOV		Pepper Ave Off-Ramp to Peppe	2779122	0.66	1770		1770	47	47	1168		1168
186	2035	ALT2	EB	PM	HOV		Pepper Ave On-Ramp to Ranch	2779122	0.26	1770		1770	47	47	461		461
187	2035	ALT2	EB	PM	HOV		Rancho Ave Off-Ramp to Ranch	2779122	0.41	1770		1770	47	47	729		729
188	2035	ALT2	EB	PM	HOV		Rancho Ave On-Ramp to La Ca	2779122	0.18	1770		1770	47	47	318		318
189	2035	ALT2	EB	PM	HOV		La Cadena Dr/9th St Off-Ramp	2779122	0.53	1770		1770	47	47	937		937
190	2035	ALT2	EB	PM	HOV		La Cadena Dr/9th St On-Ramp	2779122	0.03	1770		1770	47	47	50		50
191	2035	ALT2	EB	PM	HOV		Mt Vernon Ave Off-Ramp to M	2779128	0.61	2023		2023	62	50	1225		1225
192	2035	ALT2	EB	PM	HOV		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	2023		2023	62	50	98		98
193	2035	ALT2	EB	PM	HOV		I-215 Off-Ramp to I-215 NB On	2779128	0.94	2023		2023	62	50	1905		1905
194	2035	ALT2	EB	PM	HOV		I-215 NB On-Ramp to I-215 SB	2779128	0.11	2023		2023	62	50	222		222
195	2035	ALT2	EB	PM	HOV		I-215 SB On-Ramp to Redlands	2779128	0.13	2023		2023	62	50	262		262

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
196	2035	ALT2	EB	PM	HOV		Redlands Blvd Off-Ramp to Wa	2779128	0.11	2023		2023	62	50	220		220
197	2035	ALT2	EB	PM	HOV		Waterman Ave Off-Ramp to W	2779128	0.63	2023		2023	62	50	1278		1278
198	2035	ALT2	EB	PM	HOV		Waterman Ave On-Ramp to An	2779128	0.28	2023		2023	62	50	572		572
199	2035	ALT2	EB	PM	HOV		Anderson St Off-Ramp to Ande	2760301	0.40	3395		3395	60	50	1372		1372
200	2035	ALT2	EB	PM	HOV		Anderson St On-Ramp to Mour	2760301	0.21	3395		3395	60	50	706		706
201	2035	ALT2	EB	PM	HOV		Mountain View Ave Off-Ramp t	2760301	0.79	3395		3395	60	50	2684		2684
202	2035	ALT2	EB	PM	HOV		Mountain View Ave On-Ramp t	2760301	0.18	3395		3395	60	50	623		623
203	2035	ALT2	EB	PM	HOV		California St Off-Ramp to Califc	2760301	0.84	3395		3395	60	50	2857		2857
204	2035	ALT2	EB	PM	HOV		California St On-Ramp to Alaba	2731614	0.18	3572		3572	60	50	628		628
205	2035	ALT2	EB	PM	HOV		Alabama St Off-Ramp to SR-21	2731614	0.39	3572		3572	60	50	1399		1399
206	2035	ALT2	EB	PM	HOV		SR-210 NB Off-Ramp to Tennes	2731614	0.18	3572		3572	60	50	631		631
207	2035	ALT2	EB	PM	HOV		Tennessee St Off-Ramp to Ten	2731614	0.64	3572		3572	60	50	2298		2298
208	2035	ALT2	EB	PM	HOV		Tennessee St On-Ramp to SR-2	2731614	0.20	3572		3572	60	50	709		709
209	2035	ALT2	EB	PM	HOV		SR-210 SB On-Ramp to Eureka	2731614	0.05	3572		3572	60	50	181		181
210	2035	ALT2	EB	PM	HOV		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	4698		4698	58	50	2024		2024
211	2035	ALT2	EB	PM	HOV		Pearl Ave On-Ramp to Universi	2760225	0.30	4698		4698	58	50	1396		1396
212	2035	ALT2	EB	PM	HOV		University St Off-Ramp to Cypr	2760225	0.80	4698		4698	58	50	3737		3737
213	2035	ALT2	EB	PM	HOV		Cypress Ave On-Ramp to Ford	2760225	0.46	4698		4698	58	50	2151		2151
214	2035	ALT2	EB	PM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2035	ALT2	EB	PM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
1	2035	ALT2	EB	NT	Mainline		LA County Line to Monte Vista	25707	0.26	35200	1248	36448	40	40	9019	320	9339
2	2035	ALT2	EB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	32590	1209	33799	47	47	22044	818	22862
3	2035	ALT2	EB	NT	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	37207	1307	38514	49	49	1086	38	1124
4	2035	ALT2	EB	NT	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	33885	1260	35145	44	44	19382	721	20103
5	2035	ALT2	EB	NT	Mainline		Central Ave On-Ramp to Moun	23488	0.21	35768	1326	37094	51	50	7439	276	7715
6	2035	ALT2	EB	NT	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	32171	1275	33446	49	49	11031	437	11468
7	2035	ALT2	EB	NT	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	35113	1385	36498	40	40	16783	662	17445
8	2035	ALT2	EB	NT	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	31719	1331	33050	49	49	20469	859	21328
9	2035	ALT2	EB	NT	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	35320	1397	36717	39	39	18080	715	18795
10	2035	ALT2	EB	NT	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	29653	1302	30955	52	50	5101	224	5325
11	2035	ALT2	EB	NT	Mainline		San Bernardino Ave/4th St On-	23534	0.33	32902	1392	34294	46	46	10826	458	11284
12	2035	ALT2	EB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	30189	1271	31460	51	50	7381	311	7692
13	2035	ALT2	EB	NT	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	36716	1427	38143	55	50	7064	275	7339
14	2035	ALT2	EB	NT	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	32228	1306	33534	53	50	10909	442	11351
15	2035	ALT2	EB	NT	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	37508	1558	39066	45	45	14632	608	15240
16	2035	ALT2	EB	NT	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	39600	1610	41210	40	40	8838	359	9197
17	2035	ALT2	EB	NT	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	35115	1535	36650	36	36	14607	639	15246
18	2035	ALT2	EB	NT	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	37137	1599	38736	46	46	11595	499	12094
19	2035	ALT2	EB	NT	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	39994	1707	41701	50	50	8963	383	9346
20	2035	ALT2	EB	NT	Mainline		Milliken Ave Off-Ramp to Milli	23622	0.53	37262	1524	38786	46	46	19760	808	20568
21	2035	ALT2	EB	NT	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	40955	1615	42570	49	49	2175	86	2261
22	2035	ALT2	EB	NT	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	34754	1407	36161	51	50	8630	349	8979
23	2035	ALT2	EB	NT	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	30016	1162	31178	50	50	9206	356	9562
24	2035	ALT2	EB	NT	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	36815	1728	38543	52	50	7976	374	8350
25	2035	ALT2	EB	NT	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	37408	1749	39157	45	45	5266	246	5512
26	2035	ALT2	EB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	35724	1608	37332	44	44	45710	2057	47767
27	2035	ALT2	EB	NT	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	38139	1758	39897	52	50	35259	1625	36884
28	2035	ALT2	EB	NT	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	33307	1623	34930	51	50	20290	989	21279
29	2035	ALT2	EB	NT	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	38710	1820	40530	51	50	13799	649	14448

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
30	2035	ALT2	EB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	36602	1742	38344	54	50	23181	1103	24284
31	2035	ALT2	EB	NT	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	38289	1809	40098	51	50	17158	811	17969
32	2035	ALT2	EB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	34710	1743	36453	47	47	18595	934	19529
33	2035	ALT2	EB	NT	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	36326	1811	38137	49	49	17020	849	17869
34	2035	ALT2	EB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	31870	1713	33583	47	47	20315	1092	21407
35	2035	ALT2	EB	NT	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	35330	1768	37098	51	50	10928	547	11475
36	2035	ALT2	EB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	35330	1768	37098	51	50	13093	655	13748
37	2035	ALT2	EB	NT	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	35330	1768	37098	51	50	17634	882	18516
38	2035	ALT2	EB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	30401	1616	32017	50	50	25804	1372	27176
39	2035	ALT2	EB	NT	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	32589	1689	34278	54	50	25923	1344	27267
40	2035	ALT2	EB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	28369	1525	29894	57	50	16365	880	17245
41	2035	ALT2	EB	NT	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	32014	1615	33629	55	50	6389	322	6711
42	2035	ALT2	EB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	29401	1566	30967	52	50	19396	1033	20429
43	2035	ALT2	EB	NT	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	30595	1596	32191	56	50	7972	416	8388
44	2035	ALT2	EB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	30595	1596	32191	56	50	12606	658	13264
45	2035	ALT2	EB	NT	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	31025	1606	32631	56	50	5571	288	5859
46	2035	ALT2	EB	NT	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	29221	1538	30759	52	50	15469	814	16283
47	2035	ALT2	EB	NT	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	30973	1563	32536	56	50	869	44	913
48	2035	ALT2	EB	NT	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	29414	1515	30929	57	50	17817	918	18735
49	2035	ALT2	EB	NT	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	30133	1542	31675	55	50	1459	75	1534
50	2035	ALT2	EB	NT	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	23856	1283	25139	56	50	22470	1208	23678
51	2035	ALT2	EB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	34096	1627	35723	51	50	3737	178	3915
52	2035	ALT2	EB	NT	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	41427	2080	43507	47	47	5364	269	5633
53	2035	ALT2	EB	NT	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	38141	2024	40165	42	42	4146	220	4366
54	2035	ALT2	EB	NT	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	36143	1897	38040	30	30	22824	1198	24022
55	2035	ALT2	EB	NT	Mainline		Waterman Ave On-Ramp to An	24356	0.28	36954	1936	38890	45	45	10440	547	10987
56	2035	ALT2	EB	NT	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	34811	1843	36654	36	36	14067	745	14812
57	2035	ALT2	EB	NT	Mainline		Anderson St On-Ramp to Mour	24003	0.21	36862	1849	38711	54	50	7669	385	8054
58	2035	ALT2	EB	NT	Mainline		Mountain View Ave Off-Ramp	23991	0.79	34142	1737	35879	48	48	26987	1373	28360
59	2035	ALT2	EB	NT	Mainline		Mountain View Ave On-Ramp t	24040	0.18	38589	1803	40392	51	50	7083	331	7414
60	2035	ALT2	EB	NT	Mainline		California St Off-Ramp to Califc	24075	0.84	36597	1684	38281	40	40	30798	1417	32215
61	2035	ALT2	EB	NT	Mainline		California St On-Ramp to Alaba	24046	0.18	39642	1714	41356	49	49	6967	301	7268
62	2035	ALT2	EB	NT	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	37192	1622	38814	54	50	14562	635	15197
63	2035	ALT2	EB	NT	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	30437	1513	31950	55	50	5376	267	5643
64	2035	ALT2	EB	NT	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	27780	1397	29177	54	50	17869	899	18768
65	2035	ALT2	EB	NT	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	30145	1413	31558	51	50	5981	280	6261
66	2035	ALT2	EB	NT	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	38803	2414	41217	41	41	1963	122	2085
67	2035	ALT2	EB	NT	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	33388	2325	35713	41	41	14382	1002	15384
68	2035	ALT2	EB	NT	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	35202	2351	37553	50	50	10463	699	11162
69	2035	ALT2	EB	NT	Mainline		University St Off-Ramp to Cypr	23724	0.80	32130	2315	34445	45	45	25560	1842	27402
70	2035	ALT2	EB	NT	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	33596	2333	35929	57	50	15380	1068	16448
71	2035	ALT2	EB	NT	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	31710	2316	34026	52	50	20615	1506	22121
72	2035	ALT2	EB	NT	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	35520	2348	37868	58	50	20955	1385	22340
73	2035	ALT2	EB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2609	40	2649	14	14	493	8	501
74	2035	ALT2	EB	NT	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2297	98	2395	13	13	297	13	310
75	2035	ALT2	EB	NT	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3323	46	3369	6	6	432	6	438
76	2035	ALT2	EB	NT	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2695	66	2761	11	11	505	12	517
77	2035	ALT2	EB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3151	50	3201	8	8	510	8	518
78	2035	ALT2	EB	NT	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2942	110	3052	9	9	343	13	356

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
79	2035	ALT2	EB	NT	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3394	54	3448	6	6	497	8	505
80	2035	ALT2	EB	NT	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2316	66	2382	13	13	810	23	833
81	2035	ALT2	EB	NT	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	5093	95	5188	19	19	1617	30	1647
82	2035	ALT2	EB	NT	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3249	90	3339	17	17	764	21	785
83	2035	ALT2	EB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	2713	121	2834	26	26	276	12	288
84	2035	ALT2	EB	NT	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	5413	156	5569	25	25	678	20	698
85	2035	ALT2	EB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4488	121	4609	27	27	1305	35	1340
86	2035	ALT2	EB	NT	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5254	252	5506	15	15	1198	57	1255
87	2035	ALT2	EB	NT	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	2092	52	2144	13	13	485	12	497
88	2035	ALT2	EB	NT	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	4485	75	4560	19	19	636	11	647
89	2035	ALT2	EB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1817	64	1881	14	14	222	8	230
90	2035	ALT2	EB	NT	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	2857	108	2965	8	8	799	30	829
91	2035	ALT2	EB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2732	183	2915	25	25	482	32	514
92	2035	ALT2	EB	NT	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3054	91	3145	7	7	591	18	609
93	2035	ALT2	EB	NT	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	6202	207	6409	30	30	6885	230	7115
94	2035	ALT2	EB	NT	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	4738	245	4983	18	18	2733	141	2874
95	2035	ALT2	EB	NT	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	6798	566	7364	4	4	758	63	821
96	2035	ALT2	EB	NT	Ramp	ON	I-15 SB On-Ramp	23557	1.20	593	21	614	35	35	710	25	735
97	2035	ALT2	EB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1685	140	1825	27	27	331	27	358
98	2035	ALT2	EB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	2266	150	2416	26	26	811	54	865
99	2035	ALT2	EB	NT	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4832	135	4967	26	26	985	28	1013
100	2035	ALT2	EB	NT	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	4830	196	5026	26	26	1488	60	1548
101	2035	ALT2	EB	NT	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	2108	78	2186	33	33	727	27	754
102	2035	ALT2	EB	NT	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1816	67	1883	29	29	536	20	556
103	2035	ALT2	EB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	3579	66	3645	30	30	479	9	488
104	2035	ALT2	EB	NT	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2104	68	2172	18	18	565	18	583
105	2035	ALT2	EB	NT	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	4456	98	4554	22	22	522	11	533
106	2035	ALT2	EB	NT	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3083	55	3138	8	8	90	2	92
107	2035	ALT2	EB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2251	60	2311	17	17	806	21	827
108	2035	ALT2	EB	NT	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1572	31	1603	16	16	540	11	551
109	2035	ALT2	EB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4516	123	4639	21	21	826	22	848
110	2035	ALT2	EB	NT	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1868	73	1941	19	19	768	30	798
111	2035	ALT2	EB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	4220	164	4384	28	28	529	21	550
112	2035	ALT2	EB	NT	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3726	90	3816	16	16	1124	27	1151
113	2035	ALT2	EB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2614	48	2662	14	14	798	15	813
114	2035	ALT2	EB	NT	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1297	29	1326	17	17	475	11	486
115	2035	ALT2	EB	NT	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2035	ALT2	EB	NT	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	486	11	497	19	19	155	4	159
117	2035	ALT2	EB	NT	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1804	68	1872	20	20	447	17	464
118	2035	ALT2	EB	NT	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1751	26	1777	19	19	495	7	502
119	2035	ALT2	EB	NT	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1558	48	1606	22	22	655	20	675
120	2035	ALT2	EB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1799	26	1825	19	19	467	7	474
121	2035	ALT2	EB	NT	Ramp	OFF	I-215 Off-Ramp	24444	0.24	6278	258	6536	33	33	1477	61	1538
122	2035	ALT2	EB	NT	Ramp	ON	I-215 NB On-Ramp	24630	0.87	10239	344	10583	22	22	8898	299	9197
123	2035	ALT2	EB	NT	Ramp	ON	I-215 SB On-Ramp	24516	0.76	7333	452	7785	28	28	5559	343	5902
124	2035	ALT2	EB	NT	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3287	55	3342	4	4	299	5	304
125	2035	ALT2	EB	NT	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1998	127	2125	15	15	497	32	529
126	2035	ALT2	EB	NT	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2137	39	2176	13	13	297	5	302
127	2035	ALT2	EB	NT	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2624	94	2718	10	10	661	24	685

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
128	2035	ALT2	EB	NT	Ramp	ON	Anderson St On-Ramp	2668189	0.10	2050	7	2057	13	13	211	1	212
129	2035	ALT2	EB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2718	113	2831	17	17	798	33	831
130	2035	ALT2	EB	NT	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	4477	66	4543	27	27	1021	15	1036
131	2035	ALT2	EB	NT	Ramp	OFF	California St Off-Ramp	94801	0.46	1990	120	2110	24	24	906	55	961
132	2035	ALT2	EB	NT	Ramp	ON	California St On-Ramp	95942	0.39	3107	30	3137	24	24	1204	12	1216
133	2035	ALT2	EB	NT	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2451	91	2542	20	20	1063	39	1102
134	2035	ALT2	EB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	6754	110	6864	28	28	5587	91	5678
135	2035	ALT2	EB	NT	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2657	116	2773	18	18	912	40	952
136	2035	ALT2	EB	NT	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2365	16	2381	13	13	251	2	253
137	2035	ALT2	EB	NT	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	8658	1001	9659	23	23	9189	1062	10251
138	2035	ALT2	EB	NT	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	3503	89	3592	4	4	312	8	320
139	2035	ALT2	EB	NT	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1813	27	1840	15	15	537	8	545
140	2035	ALT2	EB	NT	Ramp	OFF	University St Off-Ramp	94695	0.28	3073	36	3109	9	9	859	10	869
141	2035	ALT2	EB	NT	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	1472	17	1489	28	28	445	5	450
142	2035	ALT2	EB	NT	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3044	17	3061	15	15	836	5	841
143	2035	ALT2	EB	NT	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	3810	32	3842	28	28	1435	12	1447
144	2035	ALT2	EB	NT	HOV		LA County Line to Monte Vista	2664669	0.26	8032		8032	27	27	2058		2058
145	2035	ALT2	EB	NT	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	8032		8032	27	27	5433		5433
146	2035	ALT2	EB	NT	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	8032		8032	27	27	234		234
147	2035	ALT2	EB	NT	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	8032		8032	27	27	4594		4594
148	2035	ALT2	EB	NT	HOV		Central Ave On-Ramp to Moun	2664669	0.21	8032		8032	27	27	1670		1670
149	2035	ALT2	EB	NT	HOV		Mountain Ave Off-Ramp to Mc	2664669	0.34	8032		8032	27	27	2754		2754
150	2035	ALT2	EB	NT	HOV		Mountain Ave On-Ramp to Euc	2779098	0.48	6971		6971	35	35	3332		3332
151	2035	ALT2	EB	NT	HOV		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	6971		6971	35	35	4499		4499
152	2035	ALT2	EB	NT	HOV		Euclid Ave On-Ramp to San Be	2779098	0.51	6971		6971	35	35	3568		3568
153	2035	ALT2	EB	NT	HOV		San Bernardino Ave/4th St Off-	2665612	0.17	6260		6260	47	47	1077		1077
154	2035	ALT2	EB	NT	HOV		San Bernardino Ave/4th St On-	2665612	0.33	6260		6260	47	47	2060		2060
155	2035	ALT2	EB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	6260		6260	47	47	1530		1530
156	2035	ALT2	EB	NT	HOV		Vineyard Ave On-Ramp to Arch	2665612	0.19	6260		6260	47	47	1204		1204
157	2035	ALT2	EB	NT	HOV		Archibald Ave Off-Ramp to Hol	2665612	0.34	6260		6260	47	47	2119		2119
158	2035	ALT2	EB	NT	HOV		Holt Blvd On-Ramp to Archibal	2665612	0.39	6260		6260	47	47	2442		2442
159	2035	ALT2	EB	NT	HOV		Archibald Ave On-Ramp to Hav	2665612	0.22	6260		6260	47	47	1397		1397
160	2035	ALT2	EB	NT	HOV		Haven Ave Off-Ramp to Haven	2665612	0.42	6260		6260	47	47	2604		2604
161	2035	ALT2	EB	NT	HOV		Haven Ave Loop On-Ramp to H	2778934	0.31	4916		4916	44	44	1535		1535
162	2035	ALT2	EB	NT	HOV		Haven Ave On-Ramp to Millike	2778934	0.22	4916		4916	44	44	1102		1102
163	2035	ALT2	EB	NT	HOV		Milliken Ave Off-Ramp to Millik	2778934	0.53	4916		4916	44	44	2607		2607
164	2035	ALT2	EB	NT	HOV		Milliken Ave Loop On-Ramp to	2778934	0.05	4916		4916	44	44	261		261
165	2035	ALT2	EB	NT	HOV		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	4916		4916	44	44	1221		1221
166	2035	ALT2	EB	NT	HOV		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	4916		4916	44	44	1508		1508
167	2035	ALT2	EB	NT	HOV		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	4916		4916	44	44	1065		1065
168	2035	ALT2	EB	NT	HOV		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	4916		4916	44	44	692		692
169	2035	ALT2	EB	NT	HOV		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	4916		4916	44	44	6290		6290
170	2035	ALT2	EB	NT	HOV		Etiwanda Ave On-Ramp to Che	2778934	0.92	4916		4916	44	44	4545		4545
171	2035	ALT2	EB	NT	HOV		Cherry Ave Off-Ramp to Cherry	2760156	0.61	3554		3554	51	50	2165		2165
172	2035	ALT2	EB	NT	HOV		Cherry Ave On-Ramp to Beach	2760156	0.36	3554		3554	51	50	1267		1267
173	2035	ALT2	EB	NT	HOV		Beach Ave Off-Ramp to Beach	2760156	0.63	3554		3554	51	50	2251		2251
174	2035	ALT2	EB	NT	HOV		BeachAve On-Ramp to Citrus A	2760156	0.45	3554		3554	51	50	1593		1593
175	2035	ALT2	EB	NT	HOV		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	3554		3554	51	50	1904		1904
176	2035	ALT2	EB	NT	HOV		Citrus Ave On-Ramp to Sierra A	2760156	0.47	3554		3554	51	50	1665		1665

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
177	2035	ALT2	EB	NT	HOV		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	3554		3554	51	50	2265		2265
178	2035	ALT2	EB	NT	HOV		Sierra Ave On-Ramp to Alder A	2760156	0.31	3554		3554	51	50	1099		1099
179	2035	ALT2	EB	NT	HOV		Alder Ave Off-Ramp to Alder A	2779122	0.37	3554		3554	51	50	1317		1317
180	2035	ALT2	EB	NT	HOV		Alder Ave On-Ramp to Cedar A	2779122	0.50	3554		3554	51	50	1774		1774
181	2035	ALT2	EB	NT	HOV		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	3528		3528	38	38	2995		2995
182	2035	ALT2	EB	NT	HOV		Cedar Ave On-Ramp to Riversic	2779122	0.80	3528		3528	38	38	2806		2806
183	2035	ALT2	EB	NT	HOV		Riverside Ave Off-Ramp to Rive	2779122	0.58	3528		3528	38	38	2035		2035
184	2035	ALT2	EB	NT	HOV		Riverside Ave On-Ramp to Pep	2779122	0.20	3528		3528	38	38	704		704
185	2035	ALT2	EB	NT	HOV		Pepper Ave Off-Ramp to Peppe	2779122	0.66	3528		3528	38	38	2327		2327
186	2035	ALT2	EB	NT	HOV		Pepper Ave On-Ramp to Ranch	2779122	0.26	3528		3528	38	38	919		919
187	2035	ALT2	EB	NT	HOV		Rancho Ave Off-Ramp to Ranch	2779122	0.41	3528		3528	38	38	1454		1454
188	2035	ALT2	EB	NT	HOV		Rancho Ave On-Ramp to La Ca	2779122	0.18	3528		3528	38	38	634		634
189	2035	ALT2	EB	NT	HOV		La Cadena Dr/9th St Off-Ramp	2779122	0.53	3528		3528	38	38	1868		1868
190	2035	ALT2	EB	NT	HOV		La Cadena Dr/9th St On-Ramp	2779122	0.03	3528		3528	38	38	99		99
191	2035	ALT2	EB	NT	HOV		Mt Vernon Ave Off-Ramp to M	2779128	0.61	3449		3449	52	50	2089		2089
192	2035	ALT2	EB	NT	HOV		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	3449		3449	52	50	167		167
193	2035	ALT2	EB	NT	HOV		I-215 Off-Ramp to I-215 NB On	2779128	0.94	3449		3449	52	50	3249		3249
194	2035	ALT2	EB	NT	HOV		I-215 NB On-Ramp to I-215 SB	2779128	0.11	3449		3449	52	50	378		378
195	2035	ALT2	EB	NT	HOV		I-215 SB On-Ramp to Redlands	2779128	0.13	3449		3449	52	50	447		447
196	2035	ALT2	EB	NT	HOV		Redlands Blvd Off-Ramp to Wa	2779128	0.11	3449		3449	52	50	375		375
197	2035	ALT2	EB	NT	HOV		Waterman Ave Off-Ramp to W	2779128	0.63	3449		3449	52	50	2178		2178
198	2035	ALT2	EB	NT	HOV		Waterman Ave On-Ramp to An	2779128	0.28	3449		3449	52	50	974		974
199	2035	ALT2	EB	NT	HOV		Anderson St Off-Ramp to Ande	2760301	0.40	5373		5373	42	42	2171		2171
200	2035	ALT2	EB	NT	HOV		Anderson St On-Ramp to Mour	2760301	0.21	5373		5373	42	42	1118		1118
201	2035	ALT2	EB	NT	HOV		Mountain View Ave Off-Ramp	2760301	0.79	5373		5373	42	42	4247		4247
202	2035	ALT2	EB	NT	HOV		Mountain View Ave On-Ramp t	2760301	0.18	5373		5373	42	42	986		986
203	2035	ALT2	EB	NT	HOV		California St Off-Ramp to Califc	2760301	0.84	5373		5373	42	42	4522		4522
204	2035	ALT2	EB	NT	HOV		California St On-Ramp to Alaba	2731614	0.18	5466		5466	41	41	961		961
205	2035	ALT2	EB	NT	HOV		Alabama St Off-Ramp to SR-21	2731614	0.39	5466		5466	41	41	2140		2140
206	2035	ALT2	EB	NT	HOV		SR-210 NB Off-Ramp to Tennes	2731614	0.18	5466		5466	41	41	965		965
207	2035	ALT2	EB	NT	HOV		Tennessee St Off-Ramp to Ten	2731614	0.64	5466		5466	41	41	3516		3516
208	2035	ALT2	EB	NT	HOV		Tennessee St On-Ramp to SR-2	2731614	0.20	5466		5466	41	41	1085		1085
209	2035	ALT2	EB	NT	HOV		SR-210 SB On-Ramp to Eureka	2731614	0.05	5466		5466	41	41	277		277
210	2035	ALT2	EB	NT	HOV		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	7379		7379	29	29	3179		3179
211	2035	ALT2	EB	NT	HOV		Pearl Ave On-Ramp to Universi	2760225	0.30	7379		7379	29	29	2193		2193
212	2035	ALT2	EB	NT	HOV		University St Off-Ramp to Cypr	2760225	0.80	7379		7379	29	29	5870		5870
213	2035	ALT2	EB	NT	HOV		Cypress Ave On-Ramp to Ford	2760225	0.46	7379		7379	29	29	3378		3378
214	2035	ALT2	EB	NT	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2035	ALT2	EB	NT	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
216	2035	ALT2	WB	AM	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	25271	1447	26718	53	50	10163	582	10745
217	2035	ALT2	WB	AM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	23240	1428	24668	51	50	18156	1116	19272
218	2035	ALT2	WB	AM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	25314	1449	26763	54	50	12615	722	13337
219	2035	ALT2	WB	AM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	24704	1442	26146	42	42	18505	1080	19585
220	2035	ALT2	WB	AM	Mainline		University St On-Ramp to 6th S	23726	0.38	26709	1467	28176	50	50	10134	557	10691
221	2035	ALT2	WB	AM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	25278	1448	26726	42	42	9091	521	9612
222	2035	ALT2	WB	AM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	27275	1482	28757	49	49	10217	555	10772
223	2035	ALT2	WB	AM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	28631	1513	30144	45	45	4937	261	5198
224	2035	ALT2	WB	AM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	22321	717	23038	52	50	5949	191	6140
225	2035	ALT2	WB	AM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	21609	713	22322	53	50	3771	124	3895

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
226	2035	ALT2	WB	AM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	20530	702	21232	59	50	16072	550	16622
227	2035	ALT2	WB	AM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	24238	737	24975	59	50	6327	192	6519
228	2035	ALT2	WB	AM	Mainline		Alabama St On-Ramp to Califo	24057	0.12	28101	855	28956	59	50	3419	104	3523
229	2035	ALT2	WB	AM	Mainline		California St Off-Ramp to Califo	24044	0.86	25842	826	26668	50	50	22275	712	22987
230	2035	ALT2	WB	AM	Mainline		California St On-Ramp to Mour	24077	0.19	27550	905	28455	55	50	5302	174	5476
231	2035	ALT2	WB	AM	Mainline		Mountain View Ave Off-Ramp	24041	0.22	25046	878	25924	52	50	5573	195	5768
232	2035	ALT2	WB	AM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	26066	967	27033	57	50	5388	200	5588
233	2035	ALT2	WB	AM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	24289	961	25250	45	45	18400	728	19128
234	2035	ALT2	WB	AM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	25454	993	26447	52	50	2839	111	2950
235	2035	ALT2	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	23596	960	24556	47	47	11228	457	11685
236	2035	ALT2	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	26756	1027	27783	49	49	7539	289	7828
237	2035	ALT2	WB	AM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	15838	743	16581	58	50	11127	522	11649
238	2035	ALT2	WB	AM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	16815	777	17592	57	50	3519	163	3682
239	2035	ALT2	WB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	17226	785	18011	57	50	3151	144	3295
240	2035	ALT2	WB	AM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	21502	896	22398	57	50	3983	166	4149
241	2035	ALT2	WB	AM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	19723	883	20606	56	50	14326	641	14967
242	2035	ALT2	WB	AM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	20724	921	21645	59	50	960	43	1003
243	2035	ALT2	WB	AM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	19760	899	20659	56	50	12241	557	12798
244	2035	ALT2	WB	AM	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	20513	924	21437	59	50	1807	81	1888
245	2035	ALT2	WB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	19747	914	20661	56	50	11535	534	12069
246	2035	ALT2	WB	AM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	20977	941	21918	58	50	8740	392	9132
247	2035	ALT2	WB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	19682	915	20597	56	50	11704	544	12248
248	2035	ALT2	WB	AM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	22240	934	23174	57	50	3786	159	3945
249	2035	ALT2	WB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	20062	887	20949	59	50	11840	523	12363
250	2035	ALT2	WB	AM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	22759	977	23736	57	50	19405	833	20238
251	2035	ALT2	WB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	21147	910	22057	54	50	15364	661	16025
252	2035	ALT2	WB	AM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	23787	964	24751	56	50	12462	505	12967
253	2035	ALT2	WB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	23787	964	24751	56	50	8925	362	9287
254	2035	ALT2	WB	AM	Mainline		Alder Ave On-Ramp to Alder A	2661436	0.36	23787	964	24751	56	50	8604	349	8953
255	2035	ALT2	WB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	21390	937	22327	53	50	14757	646	15403
256	2035	ALT2	WB	AM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	23962	965	24927	56	50	9338	376	9714
257	2035	ALT2	WB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	22627	926	23553	51	50	12197	499	12696
258	2035	ALT2	WB	AM	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	26181	997	27178	57	50	10949	417	11366
259	2035	ALT2	WB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	25229	966	26195	58	50	15909	609	16518
260	2035	ALT2	WB	AM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	27300	1017	28317	55	50	10768	401	11169
261	2035	ALT2	WB	AM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	23858	916	24774	54	50	13132	504	13636
262	2035	ALT2	WB	AM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	26671	1006	27677	56	50	33818	1276	35094
263	2035	ALT2	WB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	25149	931	26080	51	50	17078	632	17710
264	2035	ALT2	WB	AM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	25656	999	26655	40	40	6678	260	6938
265	2035	ALT2	WB	AM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	26412	1034	27446	50	50	3515	138	3653
266	2035	ALT2	WB	AM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	21435	870	22305	52	50	12160	494	12654
267	2035	ALT2	WB	AM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	28079	1032	29111	46	46	3734	137	3871
268	2035	ALT2	WB	AM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	31055	1142	32197	58	50	641	24	665
269	2035	ALT2	WB	AM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	27915	1042	28957	46	46	16201	605	16806
270	2035	ALT2	WB	AM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	27139	1133	28272	48	48	6775	283	7058
271	2035	ALT2	WB	AM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	24037	1036	25073	45	45	9885	426	10311
272	2035	ALT2	WB	AM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	24457	1071	25528	44	44	7061	309	7370
273	2035	ALT2	WB	AM	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	25116	1107	26223	52	50	6865	303	7168
274	2035	ALT2	WB	AM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	23702	1074	24776	54	50	7691	348	8039

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
275	2035	ALT2	WB	AM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	21401	921	22322	57	50	13389	576	13965
276	2035	ALT2	WB	AM	Mainline		Archibald Ave On-Ramp to Vin	23575	0.15	23076	1004	24080	60	50	3531	154	3685
277	2035	ALT2	WB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	21002	960	21962	58	50	7594	347	7941
278	2035	ALT2	WB	AM	Mainline		Vineyard Ave Loop On-Ramp t	1658017	0.19	19987	1026	21013	59	50	3804	195	3999
279	2035	ALT2	WB	AM	Mainline		Vineyard Ave On-Ramp to 4th	23538	0.36	20697	1042	21739	54	50	7531	379	7910
280	2035	ALT2	WB	AM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	20109	980	21089	55	50	7813	381	8194
281	2035	ALT2	WB	AM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	23389	1052	24441	49	49	6059	273	6332
282	2035	ALT2	WB	AM	Mainline		7th St Off-Ramp to Euclid Ave	23447	0.40	21891	1007	22898	52	50	8722	401	9123
283	2035	ALT2	WB	AM	Mainline		Euclid Ave Loop On-Ramp to E	1658013	0.36	23076	1029	24105	50	50	8287	370	8657
284	2035	ALT2	WB	AM	Mainline		Euclid Ave On-Ramp to Mount	23434	0.42	24963	1058	26021	45	45	10558	447	11005
285	2035	ALT2	WB	AM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	22857	934	23791	51	50	7461	305	7766
286	2035	ALT2	WB	AM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	23632	961	24593	49	49	6485	264	6749
287	2035	ALT2	WB	AM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	21576	900	22476	53	50	11359	474	11833
288	2035	ALT2	WB	AM	Mainline		Central Ave On-Ramp to Mont	23492	0.05	25249	939	26188	54	50	1274	47	1321
289	2035	ALT2	WB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	23974	886	24860	48	48	13425	496	13921
290	2035	ALT2	WB	AM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	2029	20	2049	32	32	1091	11	1102
291	2035	ALT2	WB	AM	Ramp	ON	Ford St On-Ramp	94684	0.23	2227	21	2248	25	25	503	5	508
292	2035	ALT2	WB	AM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	611	6	617	32	32	169	2	171
293	2035	ALT2	WB	AM	Ramp	ON	University St On-Ramp	94674	0.21	2227	25	2252	9	9	471	5	476
294	2035	ALT2	WB	AM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1431	19	1450	20	20	379	5	384
295	2035	ALT2	WB	AM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	1813	34	1847	13	13	350	7	357
296	2035	ALT2	WB	AM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1356	31	1387	15	15	213	5	218
297	2035	ALT2	WB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	6309	797	7106	24	24	5454	689	6143
298	2035	ALT2	WB	AM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	712	4	716	26	26	48		48
299	2035	ALT2	WB	AM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	1081	10	1091	29	29	391	4	395
300	2035	ALT2	WB	AM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	3708	35	3743	29	29	3699	35	3734
301	2035	ALT2	WB	AM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	3863	118	3981	17	17	461	14	475
302	2035	ALT2	WB	AM	Ramp	OFF	California St Off-Ramp	94793	0.13	2259	29	2288	15	15	292	4	296
303	2035	ALT2	WB	AM	Ramp	ON	California St On-Ramp	2676730	0.11	1119	79	1198	28	28	128	9	137
304	2035	ALT2	WB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2504	27	2531	10	10	292	3	295
305	2035	ALT2	WB	AM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2265	89	2354	24	24	309	12	321
306	2035	ALT2	WB	AM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1777	6	1783	13	13	386	1	387
307	2035	ALT2	WB	AM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	1375	32	1407	14	14	170	4	174
308	2035	ALT2	WB	AM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1858	33	1891	12	12	453	8	461
309	2035	ALT2	WB	AM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	1047	67	1114	16	16	138	9	147
310	2035	ALT2	WB	AM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	10918	284	11202	19	19	1917	50	1967
311	2035	ALT2	WB	AM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	977	34	1011	16	16	322	11	333
312	2035	ALT2	WB	AM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	411	8	419	24	24	218	4	222
313	2035	ALT2	WB	AM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4276	111	4387	31	31	1833	48	1881
314	2035	ALT2	WB	AM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1779	13	1792	16	16	429	3	432
315	2035	ALT2	WB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1527	38	1565	19	19	401	10	411
316	2035	ALT2	WB	AM	Ramp	OFF	9th St Off-Ramp	94928	0.21	965	21	986	24	24	206	4	210
317	2035	ALT2	WB	AM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	753	25	778	18	18	236	8	244
318	2035	ALT2	WB	AM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	766	10	776	25	25	205	3	208
319	2035	ALT2	WB	AM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1444	27	1471	19	19	460	9	469
320	2035	ALT2	WB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1295	26	1321	21	21	232	5	237
321	2035	ALT2	WB	AM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1384	19	1403	15	15	469	6	475
322	2035	ALT2	WB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2179	47	2226	10	10	232	5	237
323	2035	ALT2	WB	AM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2736	90	2826	28	28	854	28	882

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
324	2035	ALT2	WB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1612	67	1679	27	27	211	9	220
325	2035	ALT2	WB	AM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2845	55	2900	16	16	1170	23	1193
326	2035	ALT2	WB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	1108	22	1130	23	23	383	8	391
327	2035	ALT2	WB	AM	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1721	27	1748	13	13	624	10	634
328	2035	ALT2	WB	AM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	1965	33	1998	27	27	228	4	232
329	2035	ALT2	WB	AM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1800	29	1829	18	18	441	7	448
330	2035	ALT2	WB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1335	39	1374	28	28	144	4	148
331	2035	ALT2	WB	AM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3261	71	3332	27	27	975	21	996
332	2035	ALT2	WB	AM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	952	31	983	34	34	278	9	287
333	2035	ALT2	WB	AM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1935	51	1986	29	29	668	18	686
334	2035	ALT2	WB	AM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3442	101	3543	27	27	445	13	458
335	2035	ALT2	WB	AM	Ramp	ON	Cherry On-Ramp	95966	0.28	3623	89	3712	26	26	1014	25	1039
336	2035	ALT2	WB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1522	75	1597	24	24	771	38	809
337	2035	ALT2	WB	AM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	895	67	962	31	31	172	13	185
338	2035	ALT2	WB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	756	35	791	29	29	277	13	290
339	2035	ALT2	WB	AM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	4976	164	5140	42	42	1402	46	1448
340	2035	ALT2	WB	AM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6642	163	6805	26	26	4180	103	4283
341	2035	ALT2	WB	AM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	2977	110	3087	22	22	2985	110	3095
342	2035	ALT2	WB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	3140	101	3241	20	20	632	20	652
343	2035	ALT2	WB	AM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	815	91	906	17	17	144	16	160
344	2035	ALT2	WB	AM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	3101	97	3198	20	20	543	17	560
345	2035	ALT2	WB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	524	35	559	18	18	50	3	53
346	2035	ALT2	WB	AM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	658	36	694	18	18	128	7	135
347	2035	ALT2	WB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1414	33	1447	17	17	257	6	263
348	2035	ALT2	WB	AM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4233	153	4386	22	22	2439	88	2527
349	2035	ALT2	WB	AM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	1674	84	1758	26	26	307	15	322
350	2035	ALT2	WB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2074	44	2118	32	32	667	14	681
351	2035	ALT2	WB	AM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	516	66	582	18	18	82	11	93
352	2035	ALT2	WB	AM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	710	16	726	19	19	144	3	147
353	2035	ALT2	WB	AM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	1999	62	2061	26	26	506	16	522
354	2035	ALT2	WB	AM	Ramp	ON	4th St On-Ramp	2731498	0.26	3279	73	3352	14	14	844	19	863
355	2035	ALT2	WB	AM	Ramp	OFF	7th St Off-Ramp	94628	0.20	1498	45	1543	19	19	304	9	313
356	2035	ALT2	WB	AM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1631	22	1653	14	14	389	5	394
357	2035	ALT2	WB	AM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	1887	29	1916	12	12	713	11	724
358	2035	ALT2	WB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2106	124	2230	10	10	293	17	310
359	2035	ALT2	WB	AM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2233	28	2261	9	9	454	6	460
360	2035	ALT2	WB	AM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2055	62	2117	12	12	274	8	282
361	2035	ALT2	WB	AM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2101	40	2141	10	10	254	5	259
362	2035	ALT2	WB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1274	54	1328	21	21	288	12	300
363	2035	ALT2	WB	AM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1652	22	1674	14	14	546	7	553
364	2035	ALT2	WB	AM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2035	ALT2	WB	AM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2035	ALT2	WB	AM	HOV		Ford St On-Ramp to Cypress Av	2731628	0.50	3408		3408	46	46	1698		1698
367	2035	ALT2	WB	AM	HOV		Cypress Ave Off-Ramp to Unive	2731628	0.75	3408		3408	46	46	2553		2553
368	2035	ALT2	WB	AM	HOV		University St On-Ramp to 6th S	2731628	0.38	3408		3408	46	46	1293		1293
369	2035	ALT2	WB	AM	HOV		6th St Off-Ramp to Orange St L	2731628	0.36	3408		3408	46	46	1226		1226
370	2035	ALT2	WB	AM	HOV		Orange St Loop On-Ramp to Or	2731626	0.37	3445		3445	46	46	1290		1290
371	2035	ALT2	WB	AM	HOV		Orange St On-Ramp to SR-210	2731626	0.17	3445		3445	46	46	594		594
372	2035	ALT2	WB	AM	HOV		SR-210 Off-Ramp to Tennessee	2731626	0.27	3445		3445	46	46	918		918

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
373	2035	ALT2	WB	AM	HOV		Tennessee St Off-Ramp to Alab	2731626	0.17	3445		3445	46	46	601		601
374	2035	ALT2	WB	AM	HOV		Alabama St Off-Ramp to SR-21	2731626	0.78	3445		3445	46	46	2697		2697
375	2035	ALT2	WB	AM	HOV		SR-210 SB On-Ramp to Alabam	2731626	0.26	3445		3445	46	46	899		899
376	2035	ALT2	WB	AM	HOV		Alabama St On-Ramp to Califo	2731626	0.12	3445		3445	46	46	419		419
377	2035	ALT2	WB	AM	HOV		California St Off-Ramp to Calif	2731613	0.86	3445		3445	46	46	2969		2969
378	2035	ALT2	WB	AM	HOV		California St On-Ramp to Mour	2731613	0.19	3445		3445	46	46	663		663
379	2035	ALT2	WB	AM	HOV		Mountain View Ave Off-Ramp	2779137	0.22	4101		4101	41	41	912		912
380	2035	ALT2	WB	AM	HOV		Mountain View Ave On-Ramp t	2779137	0.21	4101		4101	41	41	848		848
381	2035	ALT2	WB	AM	HOV		Tippecanoe Ave Off-Ramp to T	2779137	0.76	4101		4101	41	41	3107		3107
382	2035	ALT2	WB	AM	HOV		Tippecanoe Ave On-Ramp to H	2779137	0.11	4101		4101	41	41	457		457
383	2035	ALT2	WB	AM	HOV		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	4101		4101	41	41	1951		1951
384	2035	ALT2	WB	AM	HOV		Hospitality Ln/ Carnegie Dr On	2779137	0.28	4101		4101	41	41	1156		1156
385	2035	ALT2	WB	AM	HOV		I-215 NB Off-Ramp to Sunwest	2779137	0.70	4101		4101	41	41	2881		2881
386	2035	ALT2	WB	AM	HOV		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	4101		4101	41	41	858		858
387	2035	ALT2	WB	AM	HOV		I-215 NB On-Ramp to I-215 SB	2779137	0.18	4101		4101	41	41	750		750
388	2035	ALT2	WB	AM	HOV		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	4101		4101	41	41	760		760
389	2035	ALT2	WB	AM	HOV		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	4101		4101	41	41	2979		2979
390	2035	ALT2	WB	AM	HOV		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	2724		2724	51	50	126		126
391	2035	ALT2	WB	AM	HOV		9th St Off-Ramp to La Cadena I	2779131	0.62	2724		2724	51	50	1688		1688
392	2035	ALT2	WB	AM	HOV		La Cadena Dr On-Ramp to Ran	2779131	0.09	2724		2724	51	50	240		240
393	2035	ALT2	WB	AM	HOV		Rancho Ave Off-Ramp to Ranch	2779131	0.58	2724		2724	51	50	1591		1591
394	2035	ALT2	WB	AM	HOV		Rancho Ave On-Ramp to Peppe	2779131	0.42	2724		2724	51	50	1135		1135
395	2035	ALT2	WB	AM	HOV		Pepper Ave Off-Ramp to Peppe	2779131	0.59	2724		2724	51	50	1620		1620
396	2035	ALT2	WB	AM	HOV		Pepper Ave On-Ramp to Rivers	2779131	0.17	2724		2724	51	50	464		464
397	2035	ALT2	WB	AM	HOV		Riverside Ave Off-Ramp to Rive	2779131	0.59	2724		2724	51	50	1608		1608
398	2035	ALT2	WB	AM	HOV		Riverside Ave On-Ramp to Ced	2779131	0.85	2724		2724	51	50	2323		2323
399	2035	ALT2	WB	AM	HOV		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	2724		2724	51	50	1979		1979
400	2035	ALT2	WB	AM	HOV		Cedar Ave On-Ramp to Alder A	2779131	0.52	2724		2724	51	50	1427		1427
401	2035	ALT2	WB	AM	HOV		Alder Ave Off-Ramp to Alder A	2731555	0.38	2724		2724	51	50	1022		1022
402	2035	ALT2	WB	AM	HOV		Alder Ave On-Ramp to Alder Av	2731555	0.36	2724		2724	51	50	985		985
403	2035	ALT2	WB	AM	HOV		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	3051		3051	49	49	2105		2105
404	2035	ALT2	WB	AM	HOV		Sierra Ave On-Ramp to Citrus A	2731555	0.39	3051		3051	49	49	1189		1189
405	2035	ALT2	WB	AM	HOV		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	3051		3051	49	49	1645		1645
406	2035	ALT2	WB	AM	HOV		Citrus Ave On-Ramp to Beach (	2731555	0.42	3051		3051	49	49	1276		1276
407	2035	ALT2	WB	AM	HOV		Beach Ave Off-Ramp to Beach	2731555	0.63	3051		3051	49	49	1924		1924
408	2035	ALT2	WB	AM	HOV		Beach Ave On-Ramp to Cherry	2731555	0.39	3051		3051	49	49	1203		1203
409	2035	ALT2	WB	AM	HOV		Cherry Off-Ramp to Cherry On-	2731555	0.55	3051		3051	49	49	1679		1679
410	2035	ALT2	WB	AM	HOV		Cherry On-Ramp to Etiwanda A	2779119	1.27	2659		2659	51	50	3372		3372
411	2035	ALT2	WB	AM	HOV		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	2659		2659	51	50	1806		1806
412	2035	ALT2	WB	AM	HOV		Etiwanda Ave Loop On-Ramp t	2779119	0.26	2659		2659	51	50	692		692
413	2035	ALT2	WB	AM	HOV		Etiwanda Ave On-Ramp to I-15	2779119	0.13	2659		2659	51	50	354		354
414	2035	ALT2	WB	AM	HOV		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	2659		2659	51	50	1508		1508
415	2035	ALT2	WB	AM	HOV		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	2659		2659	51	50	354		354
416	2035	ALT2	WB	AM	HOV		I-15 NB On-Ramp to Milliken A	2779119	0.02	2659		2659	51	50	55		55
417	2035	ALT2	WB	AM	HOV		Milliken Ave Off-Ramp to Millik	2779119	0.58	2659		2659	51	50	1543		1543
418	2035	ALT2	WB	AM	HOV		Milliken Ave On-Ramp to Have	2779119	0.25	2659		2659	51	50	664		664
419	2035	ALT2	WB	AM	HOV		Haven Ave Off-Ramp to Haven	2779119	0.41	2659		2659	51	50	1094		1094
420	2035	ALT2	WB	AM	HOV		Haven Ave Loop On-Ramp to H	2779113	0.29	4743		4743	46	46	1369		1369
421	2035	ALT2	WB	AM	HOV		Haven Ave On-Ramp to Archib	2779113	0.27	4743		4743	46	46	1296		1296

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
422	2035	ALT2	WB	AM	HOV		Archibald Ave Off-Ramp to Hol	2779113	0.32	4743		4743	46	46	1539		1539
423	2035	ALT2	WB	AM	HOV		Holt Blvd Off-Ramp to Archibal	2779113	0.63	4743		4743	46	46	2967		2967
424	2035	ALT2	WB	AM	HOV		Archibald Ave On-Ramp to Vin	2779113	0.15	4743		4743	46	46	726		726
425	2035	ALT2	WB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2779113	0.36	4743		4743	46	46	1715		1715
426	2035	ALT2	WB	AM	HOV		Vineyard Ave Loop On-Ramp to	2779113	0.19	4743		4743	46	46	903		903
427	2035	ALT2	WB	AM	HOV		Vineyard Ave On-Ramp to 4th	2779113	0.36	4743		4743	46	46	1726		1726
428	2035	ALT2	WB	AM	HOV		4th St Off-Ramp to 4th St On-R	2779113	0.39	4743		4743	46	46	1843		1843
429	2035	ALT2	WB	AM	HOV		4th St On-Ramp to 7th St Off-R	2779113	0.26	4743		4743	46	46	1229		1229
430	2035	ALT2	WB	AM	HOV		7th St Off-Ramp to Euclid Ave	2779107	0.40	2930		2930	52	50	1167		1167
431	2035	ALT2	WB	AM	HOV		Euclid Ave Loop On-Ramp to E	2779107	0.36	2930		2930	52	50	1052		1052
432	2035	ALT2	WB	AM	HOV		Euclid Ave On-Ramp to Mount	2779107	0.42	2930		2930	52	50	1239		1239
433	2035	ALT2	WB	AM	HOV		Mountain Ave Off-Ramp to Mc	2760177	0.33	4835		4835	38	38	1578		1578
434	2035	ALT2	WB	AM	HOV		Mountain Ave On-Ramp to Cer	2760177	0.27	4835		4835	38	38	1327		1327
435	2035	ALT2	WB	AM	HOV		Central Ave Off-Ramp to Centr	2760177	0.53	4835		4835	38	38	2545		2545
436	2035	ALT2	WB	AM	HOV		Central Ave On-Ramp to Mont	2760177	0.05	4835		4835	38	38	244		244
437	2035	ALT2	WB	AM	HOV		Monte Vista Ave Off-Ramp to M	2760177	0.56	4835		4835	38	38	2707		2707
216	2035	ALT2	WB	MD	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	26707	3912	30619	62	50	10740	1573	12313
217	2035	ALT2	WB	MD	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	24875	3881	28756	61	50	19433	3032	22465
218	2035	ALT2	WB	MD	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	27421	3948	31369	62	50	13665	1967	15632
219	2035	ALT2	WB	MD	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	26499	3928	30427	59	50	19850	2942	22792
220	2035	ALT2	WB	MD	Mainline		University St On-Ramp to 6th S	23726	0.38	30321	4046	34367	61	50	11504	1535	13039
221	2035	ALT2	WB	MD	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	28402	3985	32387	59	50	10214	1433	11647
222	2035	ALT2	WB	MD	Mainline		Orange St Loop On-Ramp to O	23715	0.37	32295	4067	36362	60	50	12097	1523	13620
223	2035	ALT2	WB	MD	Mainline		Orange St On-Ramp to SR-210	24215	0.17	34679	4179	38858	60	50	5980	721	6701
224	2035	ALT2	WB	MD	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	26171	2352	28523	61	50	6975	627	7602
225	2035	ALT2	WB	MD	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	24863	2330	27193	61	50	4339	407	4746
226	2035	ALT2	WB	MD	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	23779	2309	26088	63	50	18616	1808	20424
227	2035	ALT2	WB	MD	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	27815	2403	30218	63	50	7261	627	7888
228	2035	ALT2	WB	MD	Mainline		Alabama St On-Ramp to Califo	24057	0.12	35466	2717	38183	63	50	4315	331	4646
229	2035	ALT2	WB	MD	Mainline		California St Off-Ramp to Califo	24044	0.86	33427	2670	36097	61	50	28813	2301	31114
230	2035	ALT2	WB	MD	Mainline		California St On-Ramp to Mour	24077	0.19	41410	2863	44273	61	50	7969	551	8520
231	2035	ALT2	WB	MD	Mainline		Mountain View Ave Off-Ramp	24041	0.22	37402	2781	40183	59	50	8322	619	8941
232	2035	ALT2	WB	MD	Mainline		Mountain View Ave On-Ramp	23990	0.21	35838	3040	38878	62	50	7408	628	8036
233	2035	ALT2	WB	MD	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	33744	3016	36760	56	50	25563	2285	27848
234	2035	ALT2	WB	MD	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	36511	3107	39618	59	50	4072	346	4418
235	2035	ALT2	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	34005	2994	36999	56	50	16181	1425	17606
236	2035	ALT2	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	44214	3152	47366	55	50	12459	888	13347
237	2035	ALT2	WB	MD	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	24482	1902	26384	60	50	17200	1336	18536
238	2035	ALT2	WB	MD	Mainline		Sunwest Ln On-Ramp to I-215	24539	0.21	26566	1992	28558	60	50	5559	417	5976
239	2035	ALT2	WB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	27139	2013	29152	60	50	4965	368	5333
240	2035	ALT2	WB	MD	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	34359	2310	36669	60	50	6365	428	6793
241	2035	ALT2	WB	MD	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	30724	2280	33004	59	50	22317	1656	23973
242	2035	ALT2	WB	MD	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	29518	2376	31894	61	50	1367	110	1477
243	2035	ALT2	WB	MD	Mainline		9th St Off-Ramp to La Cadena	24601	0.62	27771	2315	30086	60	50	17204	1434	18638
244	2035	ALT2	WB	MD	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	29093	2376	31469	62	50	2563	209	2772
245	2035	ALT2	WB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	27838	2355	30193	60	50	16262	1376	17638
246	2035	ALT2	WB	MD	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	29493	2427	31920	61	50	12288	1011	13299
247	2035	ALT2	WB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	27005	2360	29365	60	50	16059	1403	17462
248	2035	ALT2	WB	MD	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	34237	2419	36656	60	50	5829	412	6241

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Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
249	2035	ALT2	WB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	30624	2272	32896	61	50	18074	1341	19415
250	2035	ALT2	WB	MD	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	35137	2502	37639	60	50	29959	2133	32092
251	2035	ALT2	WB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	32490	2395	34885	59	50	23605	1740	25345
252	2035	ALT2	WB	MD	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	35761	2570	38331	60	50	18735	1346	20081
253	2035	ALT2	WB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	35761	2570	38331	60	50	13417	964	14381
254	2035	ALT2	WB	MD	Mainline		Alder Ave On-Ramp to Alder A	2661436	0.36	35761	2570	38331	60	50	12934	930	13864
255	2035	ALT2	WB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	27136	2577	29713	60	50	18722	1778	20500
256	2035	ALT2	WB	MD	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	34945	2671	37616	60	50	13618	1041	14659
257	2035	ALT2	WB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	32371	2573	34944	58	50	17449	1387	18836
258	2035	ALT2	WB	MD	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	37028	2761	39789	62	50	15485	1155	16640
259	2035	ALT2	WB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	35466	2671	38137	62	50	22364	1684	24048
260	2035	ALT2	WB	MD	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	38931	2888	41819	61	50	15356	1139	16495
261	2035	ALT2	WB	MD	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	33183	2643	35826	61	50	18265	1455	19720
262	2035	ALT2	WB	MD	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	35168	3085	38253	62	50	44592	3912	48504
263	2035	ALT2	WB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	32311	2910	35221	61	50	21941	1976	23917
264	2035	ALT2	WB	MD	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	34192	3276	37468	56	50	8900	853	9753
265	2035	ALT2	WB	MD	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	35686	3332	39018	59	50	4749	443	5192
266	2035	ALT2	WB	MD	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	26719	2892	29611	59	50	15157	1641	16798
267	2035	ALT2	WB	MD	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	36337	3842	40179	58	50	4832	511	5343
268	2035	ALT2	WB	MD	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	41569	4201	45770	61	50	858	87	945
269	2035	ALT2	WB	MD	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	37367	3925	41292	58	50	21687	2278	23965
270	2035	ALT2	WB	MD	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	36318	4217	40535	58	50	9066	1053	10119
271	2035	ALT2	WB	MD	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	33607	3953	37560	56	50	13821	1626	15447
272	2035	ALT2	WB	MD	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	35481	4085	39566	55	50	10244	1179	11423
273	2035	ALT2	WB	MD	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	37501	4267	41768	58	50	10250	1166	11416
274	2035	ALT2	WB	MD	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	35467	4137	39604	58	50	11508	1342	12850
275	2035	ALT2	WB	MD	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	35385	3659	39044	60	50	22138	2289	24427
276	2035	ALT2	WB	MD	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	39644	4122	43766	61	50	6066	631	6697
277	2035	ALT2	WB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	35469	4011	39480	59	50	12825	1450	14275
278	2035	ALT2	WB	MD	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	32058	4242	36300	60	50	6101	807	6908
279	2035	ALT2	WB	MD	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	33820	4274	38094	57	50	12307	1555	13862
280	2035	ALT2	WB	MD	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	34559	4099	38658	57	50	13427	1593	15020
281	2035	ALT2	WB	MD	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	39567	4327	43894	53	50	10250	1121	11371
282	2035	ALT2	WB	MD	Mainline		7th St Off-Ramp to Euclid Ave L	23447	0.40	36384	4206	40590	55	50	14496	1676	16172
283	2035	ALT2	WB	MD	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	37966	4261	42227	54	50	13634	1530	15164
284	2035	ALT2	WB	MD	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	40898	4367	45265	52	50	17297	1847	19144
285	2035	ALT2	WB	MD	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	36721	4129	40850	55	50	11986	1348	13334
286	2035	ALT2	WB	MD	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	35309	4208	39517	56	50	9689	1155	10844
287	2035	ALT2	WB	MD	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	31476	4066	35542	58	50	16571	2141	18712
288	2035	ALT2	WB	MD	Mainline		Central Ave On-Ramp to Monte	23492	0.05	41222	4195	45417	57	50	2080	212	2292
289	2035	ALT2	WB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	38940	4054	42994	54	50	21805	2270	24075
290	2035	ALT2	WB	MD	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1831	31	1862	34	34	985	17	1002
291	2035	ALT2	WB	MD	Ramp	ON	Ford St On-Ramp	94684	0.23	2893	67	2960	27	27	653	15	668
292	2035	ALT2	WB	MD	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	922	20	942	33	33	256	6	262
293	2035	ALT2	WB	MD	Ramp	ON	University St On-Ramp	94674	0.21	3823	118	3941	12	12	808	25	833
294	2035	ALT2	WB	MD	Ramp	OFF	6th St Off-Ramp	94690	0.26	1920	61	1981	24	24	508	16	524
295	2035	ALT2	WB	MD	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3974	82	4056	11	11	766	16	782
296	2035	ALT2	WB	MD	Ramp	ON	Orange St On-Ramp	2676749	0.16	2385	112	2497	16	16	374	18	392
297	2035	ALT2	WB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	8508	1827	10335	26	26	7356	1580	8936

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
298	2035	ALT2	WB	MD	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	1308	22	1330	26	26	88	1	89
299	2035	ALT2	WB	MD	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	1084	21	1105	32	32	392	8	400
300	2035	ALT2	WB	MD	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4036	94	4130	29	29	4026	94	4120
301	2035	ALT2	WB	MD	Ramp	ON	Alabama St On-Ramp	2676731	0.12	7652	313	7965	17	17	914	37	951
302	2035	ALT2	WB	MD	Ramp	OFF	California St Off-Ramp	94793	0.13	2038	47	2085	29	29	263	6	269
303	2035	ALT2	WB	MD	Ramp	ON	California St On-Ramp	2676730	0.11	3249	193	3442	26	26	372	22	394
304	2035	ALT2	WB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	4008	82	4090	18	18	467	10	477
305	2035	ALT2	WB	MD	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	5102	260	5362	23	23	696	35	731
306	2035	ALT2	WB	MD	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	2094	24	2118	21	21	455	5	460
307	2035	ALT2	WB	MD	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3630	90	3720	11	11	449	11	460
308	2035	ALT2	WB	MD	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	2506	112	2618	19	19	612	27	639
309	2035	ALT2	WB	MD	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	2977	157	3134	13	13	392	21	413
310	2035	ALT2	WB	MD	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	19732	1250	20982	23	23	3464	219	3683
311	2035	ALT2	WB	MD	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2084	90	2174	16	16	688	30	718
312	2035	ALT2	WB	MD	Ramp	ON	I-215 NB On-Ramp	24504	0.53	574	20	594	25	25	305	11	316
313	2035	ALT2	WB	MD	Ramp	ON	I-215 SB On-Ramp	24517	0.43	7218	298	7516	31	31	3094	128	3222
314	2035	ALT2	WB	MD	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	3635	30	3665	16	16	877	7	884
315	2035	ALT2	WB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2916	96	3012	19	19	767	25	792
316	2035	ALT2	WB	MD	Ramp	OFF	9th St Off-Ramp	94928	0.21	1748	61	1809	24	24	373	13	386
317	2035	ALT2	WB	MD	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1322	61	1383	18	18	414	19	433
318	2035	ALT2	WB	MD	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1255	21	1276	26	26	336	6	342
319	2035	ALT2	WB	MD	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2286	72	2358	19	19	728	23	751
320	2035	ALT2	WB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2488	67	2555	21	21	446	12	458
321	2035	ALT2	WB	MD	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1876	59	1935	17	17	636	20	656
322	2035	ALT2	WB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	3613	147	3760	15	15	385	16	401
323	2035	ALT2	WB	MD	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	4476	230	4706	28	28	1398	72	1470
324	2035	ALT2	WB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	2647	107	2754	28	28	346	14	360
325	2035	ALT2	WB	MD	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3497	175	3672	18	18	1438	72	1510
326	2035	ALT2	WB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	2466	53	2519	22	22	853	18	871
327	2035	ALT2	WB	MD	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	2550	148	2698	16	16	924	54	978
328	2035	ALT2	WB	MD	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3300	89	3389	27	27	383	10	393
329	2035	ALT2	WB	MD	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2498	94	2592	19	19	612	23	635
330	2035	ALT2	WB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2574	98	2672	28	28	278	11	289
331	2035	ALT2	WB	MD	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	4099	188	4287	28	28	1226	56	1282
332	2035	ALT2	WB	MD	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1562	90	1652	34	34	457	26	483
333	2035	ALT2	WB	MD	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	3223	217	3440	29	29	1113	75	1188
334	2035	ALT2	WB	MD	Ramp	OFF	Cherry Off-Ramp	94837	0.13	5749	245	5994	29	29	744	32	776
335	2035	ALT2	WB	MD	Ramp	ON	Cherry On-Ramp	95966	0.28	6125	442	6567	27	27	1714	124	1838
336	2035	ALT2	WB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	2856	175	3031	25	25	1447	89	1536
337	2035	ALT2	WB	MD	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	2678	366	3044	28	28	515	70	585
338	2035	ALT2	WB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	1493	57	1550	29	29	547	21	568
339	2035	ALT2	WB	MD	Ramp	OFF	I-15 Off-Ramp	24554	0.28	8968	440	9408	43	43	2526	124	2650
340	2035	ALT2	WB	MD	Ramp	ON	I-15 SB On-Ramp	23554	0.63	9619	949	10568	29	29	6053	597	6650
341	2035	ALT2	WB	MD	Ramp	ON	I-15 NB On-Ramp	23572	1.00	5232	359	5591	24	24	5246	360	5606
342	2035	ALT2	WB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	4201	276	4477	24	24	845	56	901
343	2035	ALT2	WB	MD	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2959	292	3251	13	13	523	52	575
344	2035	ALT2	WB	MD	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2712	263	2975	27	27	475	46	521
345	2035	ALT2	WB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2128	131	2259	16	16	203	13	216
346	2035	ALT2	WB	MD	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	2020	182	2202	16	16	392	35	427

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
347	2035	ALT2	WB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	2034	130	2164	21	21	369	24	393
348	2035	ALT2	WB	MD	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	6524	478	7002	27	27	3760	275	4035
349	2035	ALT2	WB	MD	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4259	463	4722	24	24	780	85	865
350	2035	ALT2	WB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	4174	112	4286	32	32	1342	36	1378
351	2035	ALT2	WB	MD	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	2239	231	2470	16	16	356	37	393
352	2035	ALT2	WB	MD	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1762	32	1794	19	19	359	7	366
353	2035	ALT2	WB	MD	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	4382	175	4557	26	26	1108	44	1152
354	2035	ALT2	WB	MD	Ramp	ON	4th St On-Ramp	2731498	0.26	5007	229	5236	17	17	1289	59	1348
355	2035	ALT2	WB	MD	Ramp	OFF	7th St Off-Ramp	94628	0.20	3182	122	3304	18	18	645	25	670
356	2035	ALT2	WB	MD	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1803	55	1858	17	17	430	13	443
357	2035	ALT2	WB	MD	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2932	106	3038	15	15	1108	40	1148
358	2035	ALT2	WB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	4178	238	4416	10	10	581	33	614
359	2035	ALT2	WB	MD	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	3973	80	4053	11	11	807	16	823
360	2035	ALT2	WB	MD	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	3833	142	3975	14	14	511	19	530
361	2035	ALT2	WB	MD	Ramp	ON	Central Ave On-Ramp	2668754	0.12	3815	129	3944	12	12	462	16	478
362	2035	ALT2	WB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2282	141	2423	22	22	516	32	548
363	2035	ALT2	WB	MD	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2819	57	2876	15	15	931	19	950
364	2035	ALT2	WB	MD	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2035	ALT2	WB	MD	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2035	ALT2	WB	MD	HOV		Ford St On-Ramp to Cypress Av	2731628	0.50	7193		7193	45	45	3584		3584
367	2035	ALT2	WB	MD	HOV		Cypress Ave Off-Ramp to Unive	2731628	0.75	7193		7193	45	45	5388		5388
368	2035	ALT2	WB	MD	HOV		University St On-Ramp to 6th S	2731628	0.38	7193		7193	45	45	2729		2729
369	2035	ALT2	WB	MD	HOV		6th St Off-Ramp to Orange St L	2731628	0.36	7193		7193	45	45	2587		2587
370	2035	ALT2	WB	MD	HOV		Orange St Loop On-Ramp to Or	2731626	0.37	7274		7274	45	45	2725		2725
371	2035	ALT2	WB	MD	HOV		Orange St On-Ramp to SR-210	2731626	0.17	7274		7274	45	45	1254		1254
372	2035	ALT2	WB	MD	HOV		SR-210 Off-Ramp to Tennessee	2731626	0.27	7274		7274	45	45	1939		1939
373	2035	ALT2	WB	MD	HOV		Tennessee St Off-Ramp to Alab	2731626	0.17	7274		7274	45	45	1269		1269
374	2035	ALT2	WB	MD	HOV		Alabama St Off-Ramp to SR-21	2731626	0.78	7274		7274	45	45	5695		5695
375	2035	ALT2	WB	MD	HOV		SR-210 SB On-Ramp to Alabam	2731626	0.26	7274		7274	45	45	1899		1899
376	2035	ALT2	WB	MD	HOV		Alabama St On-Ramp to Califor	2731626	0.12	7274		7274	45	45	885		885
377	2035	ALT2	WB	MD	HOV		California St Off-Ramp to Califc	2731613	0.86	7274		7274	45	45	6270		6270
378	2035	ALT2	WB	MD	HOV		California St On-Ramp to Mour	2731613	0.19	7274		7274	45	45	1400		1400
379	2035	ALT2	WB	MD	HOV		Mountain View Ave Off-Ramp	2779137	0.22	9208		9208	37	37	2049		2049
380	2035	ALT2	WB	MD	HOV		Mountain View Ave On-Ramp t	2779137	0.21	9208		9208	37	37	1903		1903
381	2035	ALT2	WB	MD	HOV		Tippecanoe Ave Off-Ramp to T	2779137	0.76	9208		9208	37	37	6975		6975
382	2035	ALT2	WB	MD	HOV		Tippecanoe Ave On-Ramp to H	2779137	0.11	9208		9208	37	37	1027		1027
383	2035	ALT2	WB	MD	HOV		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	9208		9208	37	37	4382		4382
384	2035	ALT2	WB	MD	HOV		Hospitality Ln/ Carnegie Dr On	2779137	0.28	9208		9208	37	37	2595		2595
385	2035	ALT2	WB	MD	HOV		I-215 NB Off-Ramp to Sunwest	2779137	0.70	9208		9208	37	37	6469		6469
386	2035	ALT2	WB	MD	HOV		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	9208		9208	37	37	1927		1927
387	2035	ALT2	WB	MD	HOV		I-215 NB On-Ramp to I-215 SB	2779137	0.18	9208		9208	37	37	1685		1685
388	2035	ALT2	WB	MD	HOV		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	9208		9208	37	37	1706		1706
389	2035	ALT2	WB	MD	HOV		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	9208		9208	37	37	6689		6689
390	2035	ALT2	WB	MD	HOV		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	6960		6960	46	46	322		322
391	2035	ALT2	WB	MD	HOV		9th St Off-Ramp to La Cadena I	2779131	0.62	6960		6960	46	46	4312		4312
392	2035	ALT2	WB	MD	HOV		La Cadena Dr On-Ramp to Ranc	2779131	0.09	6960		6960	46	46	613		613
393	2035	ALT2	WB	MD	HOV		Rancho Ave Off-Ramp to Ranch	2779131	0.58	6960		6960	46	46	4066		4066
394	2035	ALT2	WB	MD	HOV		Rancho Ave On-Ramp to Peppe	2779131	0.42	6960		6960	46	46	2900		2900
395	2035	ALT2	WB	MD	HOV		Pepper Ave Off-Ramp to Peppe	2779131	0.59	6960		6960	46	46	4139		4139

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
396	2035	ALT2	WB	MD	HOV		Pepper Ave On-Ramp to Rivers	2779131	0.17	6960		6960	46	46	1185		1185
397	2035	ALT2	WB	MD	HOV		Riverside Ave Off-Ramp to Rive	2779131	0.59	6960		6960	46	46	4108		4108
398	2035	ALT2	WB	MD	HOV		Riverside Ave On-Ramp to Ced	2779131	0.85	6960		6960	46	46	5934		5934
399	2035	ALT2	WB	MD	HOV		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	6960		6960	46	46	5057		5057
400	2035	ALT2	WB	MD	HOV		Cedar Ave On-Ramp to Alder A	2779131	0.52	6960		6960	46	46	3646		3646
401	2035	ALT2	WB	MD	HOV		Alder Ave Off-Ramp to Alder A	2731555	0.38	6960		6960	46	46	2611		2611
402	2035	ALT2	WB	MD	HOV		Alder Ave On-Ramp to Alder Av	2731555	0.36	6960		6960	46	46	2517		2517
403	2035	ALT2	WB	MD	HOV		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	7831		7831	43	43	5403		5403
404	2035	ALT2	WB	MD	HOV		Sierra Ave On-Ramp to Citrus A	2731555	0.39	7831		7831	43	43	3052		3052
405	2035	ALT2	WB	MD	HOV		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	7831		7831	43	43	4221		4221
406	2035	ALT2	WB	MD	HOV		Citrus Ave On-Ramp to Beach (	2731555	0.42	7831		7831	43	43	3275		3275
407	2035	ALT2	WB	MD	HOV		Beach Ave Off-Ramp to Beach	2731555	0.63	7831		7831	43	43	4938		4938
408	2035	ALT2	WB	MD	HOV		Beach Ave On-Ramp to Cherry	2731555	0.39	7831		7831	43	43	3089		3089
409	2035	ALT2	WB	MD	HOV		Cherry Off-Ramp to Cherry On-	2731555	0.55	7831		7831	43	43	4310		4310
410	2035	ALT2	WB	MD	HOV		Cherry On-Ramp to Etiwanda A	2779119	1.27	5860		5860	49	49	7430		7430
411	2035	ALT2	WB	MD	HOV		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	5860		5860	49	49	3979		3979
412	2035	ALT2	WB	MD	HOV		Etiwanda Ave Loop On-Ramp t	2779119	0.26	5860		5860	49	49	1525		1525
413	2035	ALT2	WB	MD	HOV		Etiwanda Ave On-Ramp to I-15	2779119	0.13	5860		5860	49	49	780		780
414	2035	ALT2	WB	MD	HOV		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	5860		5860	49	49	3324		3324
415	2035	ALT2	WB	MD	HOV		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	5860		5860	49	49	779		779
416	2035	ALT2	WB	MD	HOV		I-15 NB On-Ramp to Milliken A	2779119	0.02	5860		5860	49	49	121		121
417	2035	ALT2	WB	MD	HOV		Milliken Ave Off-Ramp to Millik	2779119	0.58	5860		5860	49	49	3401		3401
418	2035	ALT2	WB	MD	HOV		Milliken Ave On-Ramp to Have	2779119	0.25	5860		5860	49	49	1463		1463
419	2035	ALT2	WB	MD	HOV		Haven Ave Off-Ramp to Haven	2779119	0.41	5860		5860	49	49	2410		2410
420	2035	ALT2	WB	MD	HOV		Haven Ave Loop On-Ramp to H	2779113	0.29	10919		10919	41	41	3152		3152
421	2035	ALT2	WB	MD	HOV		Haven Ave On-Ramp to Archiba	2779113	0.27	10919		10919	41	41	2985		2985
422	2035	ALT2	WB	MD	HOV		Archibald Ave Off-Ramp to Hol	2779113	0.32	10919		10919	41	41	3543		3543
423	2035	ALT2	WB	MD	HOV		Holt Blvd Off-Ramp to Archibal	2779113	0.63	10919		10919	41	41	6831		6831
424	2035	ALT2	WB	MD	HOV		Archibald Ave On-Ramp to Vine	2779113	0.15	10919		10919	41	41	1671		1671
425	2035	ALT2	WB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2779113	0.36	10919		10919	41	41	3948		3948
426	2035	ALT2	WB	MD	HOV		Vineyard Ave Loop On-Ramp to	2779113	0.19	10919		10919	41	41	2078		2078
427	2035	ALT2	WB	MD	HOV		Vineyard Ave On-Ramp to 4th S	2779113	0.36	10919		10919	41	41	3973		3973
428	2035	ALT2	WB	MD	HOV		4th St Off-Ramp to 4th St On-R	2779113	0.39	10919		10919	41	41	4242		4242
429	2035	ALT2	WB	MD	HOV		4th St On-Ramp to 7th St Off-R	2779113	0.26	10919		10919	41	41	2829		2829
430	2035	ALT2	WB	MD	HOV		7th St Off-Ramp to Euclid Ave I	2779107	0.40	5006		5006	54	50	1994		1994
431	2035	ALT2	WB	MD	HOV		Euclid Ave Loop On-Ramp to Eu	2779107	0.36	5006		5006	54	50	1798		1798
432	2035	ALT2	WB	MD	HOV		Euclid Ave On-Ramp to Mounta	2779107	0.42	5006		5006	54	50	2117		2117
433	2035	ALT2	WB	MD	HOV		Mountain Ave Off-Ramp to Mc	2760177	0.33	10612		10612	34	34	3464		3464
434	2035	ALT2	WB	MD	HOV		Mountain Ave On-Ramp to Cer	2760177	0.27	10612		10612	34	34	2912		2912
435	2035	ALT2	WB	MD	HOV		Central Ave Off-Ramp to Centr	2760177	0.53	10612		10612	34	34	5587		5587
436	2035	ALT2	WB	MD	HOV		Central Ave On-Ramp to Monte	2760177	0.05	10612		10612	34	34	535		535
437	2035	ALT2	WB	MD	HOV		Monte Vista Ave Off-Ramp to M	2760177	0.56	10612		10612	34	34	5942		5942
216	2035	ALT2	WB	PM	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	13159	4135	17294	64	50	5292	1663	6955
217	2035	ALT2	WB	PM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	12325	4116	16441	64	50	9629	3216	12845
218	2035	ALT2	WB	PM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	13186	4157	17343	64	50	6571	2072	8643
219	2035	ALT2	WB	PM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	12810	4145	16955	64	50	9596	3105	12701
220	2035	ALT2	WB	PM	Mainline		University St On-Ramp to 6th S	23726	0.38	15537	4255	19792	64	50	5895	1614	7509
221	2035	ALT2	WB	PM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	14415	4201	18616	64	50	5184	1511	6695
222	2035	ALT2	WB	PM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	16564	4286	20850	64	50	6205	1605	7810

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
223	2035	ALT2	WB	PM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	17219	4340	21559	64	50	2969	748	3717
224	2035	ALT2	WB	PM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	14505	3895	18400	64	50	3866	1038	4904
225	2035	ALT2	WB	PM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	14068	3880	17948	64	50	2455	677	3132
226	2035	ALT2	WB	PM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	13630	3862	17492	64	50	10671	3023	13694
227	2035	ALT2	WB	PM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	15641	3925	19566	64	50	4083	1025	5108
228	2035	ALT2	WB	PM	Mainline		Alabama St On-Ramp to Califo	24057	0.12	21003	4297	25300	64	50	2555	523	3078
229	2035	ALT2	WB	PM	Mainline		California St Off-Ramp to Califo	24044	0.86	20253	4265	24518	64	50	17457	3676	21133
230	2035	ALT2	WB	PM	Mainline		California St On-Ramp to Mour	24077	0.19	25103	4459	29562	64	50	4831	858	5689
231	2035	ALT2	WB	PM	Mainline		Mountain View Ave Off-Ramp	24041	0.22	22860	4380	27240	64	50	5086	975	6061
232	2035	ALT2	WB	PM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	21962	4605	26567	64	50	4540	952	5492
233	2035	ALT2	WB	PM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	21080	4584	25664	63	50	15969	3473	19442
234	2035	ALT2	WB	PM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	23689	4715	28404	63	50	2642	526	3168
235	2035	ALT2	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	22377	4611	26988	63	50	10648	2194	12842
236	2035	ALT2	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	27814	4758	32572	63	50	7838	1341	9179
237	2035	ALT2	WB	PM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	16087	3394	19481	63	50	11302	2385	13687
238	2035	ALT2	WB	PM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	17324	3482	20806	63	50	3625	729	4354
239	2035	ALT2	WB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	17538	3495	21033	63	50	3208	639	3847
240	2035	ALT2	WB	PM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	21640	3777	25417	63	50	4009	700	4709
241	2035	ALT2	WB	PM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	19782	3753	23535	63	50	14369	2726	17095
242	2035	ALT2	WB	PM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	18545	3824	22369	64	50	859	177	1036
243	2035	ALT2	WB	PM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	17675	3770	21445	64	50	10950	2335	13285
244	2035	ALT2	WB	PM	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	18683	3845	22528	64	50	1646	339	1985
245	2035	ALT2	WB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	18088	3835	21923	63	50	10566	2240	12806
246	2035	ALT2	WB	PM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	18913	3889	22802	64	50	7880	1620	9500
247	2035	ALT2	WB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	17367	3828	21195	64	50	10328	2276	12604
248	2035	ALT2	WB	PM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	21990	3889	25879	64	50	3744	662	4406
249	2035	ALT2	WB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	19663	3747	23410	64	50	11605	2211	13816
250	2035	ALT2	WB	PM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	22179	3947	26126	64	50	18911	3365	22276
251	2035	ALT2	WB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	20702	3879	24581	63	50	15041	2818	17859
252	2035	ALT2	WB	PM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	22455	4027	26482	64	50	11764	2110	13874
253	2035	ALT2	WB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	22455	4027	26482	64	50	8425	1511	9936
254	2035	ALT2	WB	PM	Mainline		Alder Ave On-Ramp to Alder A	2661436	0.36	22455	4027	26482	64	50	8122	1457	9579
255	2035	ALT2	WB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	17223	4068	21291	64	50	11883	2807	14690
256	2035	ALT2	WB	PM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	21674	4139	25813	64	50	8446	1613	10059
257	2035	ALT2	WB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	20028	4061	24089	63	50	10796	2189	12985
258	2035	ALT2	WB	PM	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	22295	4218	26513	64	50	9324	1764	11088
259	2035	ALT2	WB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	21235	4136	25371	64	50	13390	2608	15998
260	2035	ALT2	WB	PM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	22914	4327	27241	64	50	9038	1707	10745
261	2035	ALT2	WB	PM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	20104	4110	24214	64	50	11066	2262	13328
262	2035	ALT2	WB	PM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	20582	4557	25139	64	50	26097	5778	31875
263	2035	ALT2	WB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	18954	4389	23343	64	50	12871	2980	15851
264	2035	ALT2	WB	PM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	19935	4716	24651	63	50	5189	1228	6417
265	2035	ALT2	WB	PM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	20493	4758	25251	63	50	2727	633	3360
266	2035	ALT2	WB	PM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	14782	4219	19001	63	50	8386	2393	10779
267	2035	ALT2	WB	PM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	20963	5535	26498	63	50	2787	736	3523
268	2035	ALT2	WB	PM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	24949	5901	30850	63	50	515	122	637
269	2035	ALT2	WB	PM	Mainline		Milliken Ave Off-Ramp to Milli	85493	0.58	23621	5682	29303	63	50	13709	3298	17007
270	2035	ALT2	WB	PM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	22976	6039	29015	63	50	5736	1508	7244
271	2035	ALT2	WB	PM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	21587	5812	27399	63	50	8878	2390	11268

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
272	2035	ALT2	WB	PM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	22476	5973	28449	62	50	6489	1724	8213
273	2035	ALT2	WB	PM	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	23913	6159	30072	63	50	6536	1683	8219
274	2035	ALT2	WB	PM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	22490	6046	28536	63	50	7298	1962	9260
275	2035	ALT2	WB	PM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	22333	5545	27878	64	50	13972	3469	17441
276	2035	ALT2	WB	PM	Mainline		Archibald Ave On-Ramp to Vin	23575	0.15	26301	5820	32121	64	50	4024	890	4914
277	2035	ALT2	WB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	23866	5730	29596	64	50	8629	2072	10701
278	2035	ALT2	WB	PM	Mainline		Vineyard Ave Loop On-Ramp t	1658017	0.19	21759	5968	27727	64	50	4141	1136	5277
279	2035	ALT2	WB	PM	Mainline		Vineyard Ave On-Ramp to 4th	23538	0.36	23060	6070	29130	63	50	8391	2209	10600
280	2035	ALT2	WB	PM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	24169	5956	30125	63	50	9390	2314	11704
281	2035	ALT2	WB	PM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	27657	6174	33831	62	50	7165	1599	8764
282	2035	ALT2	WB	PM	Mainline		7th St Off-Ramp to Euclid Ave	23447	0.40	25595	6080	31675	62	50	10197	2422	12619
283	2035	ALT2	WB	PM	Mainline		Euclid Ave Loop On-Ramp to E	1658013	0.36	26791	6160	32951	62	50	9621	2212	11833
284	2035	ALT2	WB	PM	Mainline		Euclid Ave On-Ramp to Mount	23434	0.42	28815	6247	35062	62	50	12187	2642	14829
285	2035	ALT2	WB	PM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	25626	6083	31709	62	50	8365	1986	10351
286	2035	ALT2	WB	PM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	24021	6190	30211	63	50	6591	1699	8290
287	2035	ALT2	WB	PM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	21961	6059	28020	63	50	11562	3190	14752
288	2035	ALT2	WB	PM	Mainline		Central Ave On-Ramp to Mont	23492	0.05	28347	6188	34535	63	50	1430	312	1742
289	2035	ALT2	WB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	27062	6094	33156	62	50	15154	3412	18566
290	2035	ALT2	WB	PM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	834	19	853	35	35	448	10	458
291	2035	ALT2	WB	PM	Ramp	ON	Ford St On-Ramp	94684	0.23	1336	42	1378	29	29	302	9	311
292	2035	ALT2	WB	PM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	376	12	388	34	34	104	3	107
293	2035	ALT2	WB	PM	Ramp	ON	University St On-Ramp	94674	0.21	2727	110	2837	18	18	576	23	599
294	2035	ALT2	WB	PM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1122	54	1176	28	28	297	14	311
295	2035	ALT2	WB	PM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2312	85	2397	18	18	446	16	462
296	2035	ALT2	WB	PM	Ramp	ON	Orange St On-Ramp	2676749	0.16	655	54	709	20	20	103	8	111
297	2035	ALT2	WB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	2713	446	3159	30	30	2345	386	2731
298	2035	ALT2	WB	PM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	437	15	452	29	29	30	1	31
299	2035	ALT2	WB	PM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	439	18	457	34	34	159	7	166
300	2035	ALT2	WB	PM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	2011	63	2074	30	30	2006	63	2069
301	2035	ALT2	WB	PM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	5363	372	5735	26	26	641	44	685
302	2035	ALT2	WB	PM	Ramp	OFF	California St Off-Ramp	94793	0.13	750	33	783	34	34	97	4	101
303	2035	ALT2	WB	PM	Ramp	ON	California St On-Ramp	2676730	0.11	2161	195	2356	29	29	248	22	270
304	2035	ALT2	WB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2242	79	2321	31	31	261	9	270
305	2035	ALT2	WB	PM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2756	225	2981	28	28	376	31	407
306	2035	ALT2	WB	PM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	882	21	903	28	28	192	5	197
307	2035	ALT2	WB	PM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3016	130	3146	17	17	373	16	389
308	2035	ALT2	WB	PM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1313	103	1416	27	27	320	25	345
309	2035	ALT2	WB	PM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	1468	147	1615	18	18	193	19	212
310	2035	ALT2	WB	PM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	11726	1364	13090	44	44	2058	239	2297
311	2035	ALT2	WB	PM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1237	88	1325	19	19	408	29	437
312	2035	ALT2	WB	PM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	213	14	227	25	25	113	7	120
313	2035	ALT2	WB	PM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4102	282	4384	34	34	1758	121	1879
314	2035	ALT2	WB	PM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1857	25	1882	27	27	448	6	454
315	2035	ALT2	WB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1535	71	1606	20	20	404	19	423
316	2035	ALT2	WB	PM	Ramp	OFF	9th St Off-Ramp	94928	0.21	870	54	924	29	29	186	12	198
317	2035	ALT2	WB	PM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1008	75	1083	19	19	316	23	339
318	2035	ALT2	WB	PM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	595	10	605	29	29	159	3	162
319	2035	ALT2	WB	PM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1126	54	1180	20	20	359	17	376
320	2035	ALT2	WB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1546	61	1607	27	27	277	11	288

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
321	2035	ALT2	WB	PM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1364	61	1425	19	19	462	21	483
322	2035	ALT2	WB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2327	142	2469	26	26	248	15	263
323	2035	ALT2	WB	PM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2472	200	2672	29	29	772	62	834
324	2035	ALT2	WB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1477	68	1545	29	29	193	9	202
325	2035	ALT2	WB	PM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	1802	148	1950	20	20	741	61	802
326	2035	ALT2	WB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	1613	51	1664	27	27	558	18	576
327	2035	ALT2	WB	PM	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1675	160	1835	19	19	607	58	665
328	2035	ALT2	WB	PM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2101	68	2169	29	29	244	8	252
329	2035	ALT2	WB	PM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1313	71	1384	20	20	321	17	338
330	2035	ALT2	WB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1645	78	1723	29	29	178	8	186
331	2035	ALT2	WB	PM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	2007	158	2165	30	30	600	47	647
332	2035	ALT2	WB	PM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1060	83	1143	35	35	310	24	334
333	2035	ALT2	WB	PM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1679	191	1870	30	30	580	66	646
334	2035	ALT2	WB	PM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	2810	216	3026	34	34	364	28	392
335	2035	ALT2	WB	PM	Ramp	ON	Cherry On-Ramp	95966	0.28	3213	447	3660	29	29	899	125	1024
336	2035	ALT2	WB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1629	168	1797	32	32	825	85	910
337	2035	ALT2	WB	PM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1277	327	1604	33	33	246	63	309
338	2035	ALT2	WB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	559	41	600	30	30	205	15	220
339	2035	ALT2	WB	PM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	5712	538	6250	48	48	1609	152	1761
340	2035	ALT2	WB	PM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6181	1316	7497	33	33	3889	828	4717
341	2035	ALT2	WB	PM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	3987	366	4353	31	31	3997	367	4364
342	2035	ALT2	WB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1329	219	1548	29	29	267	44	311
343	2035	ALT2	WB	PM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	1933	357	2290	18	18	342	63	405
344	2035	ALT2	WB	PM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	1388	227	1615	29	29	243	40	283
345	2035	ALT2	WB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	1030	161	1191	19	19	98	15	113
346	2035	ALT2	WB	PM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1437	186	1623	18	18	279	36	315
347	2035	ALT2	WB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1423	113	1536	26	26	258	21	279
348	2035	ALT2	WB	PM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4034	502	4536	33	33	2325	289	2614
349	2035	ALT2	WB	PM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	3967	276	4243	27	27	727	51	778
350	2035	ALT2	WB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2435	90	2525	34	34	783	29	812
351	2035	ALT2	WB	PM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1076	237	1313	19	19	171	38	209
352	2035	ALT2	WB	PM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1300	103	1403	20	20	265	21	286
353	2035	ALT2	WB	PM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	2498	115	2613	29	29	632	29	661
354	2035	ALT2	WB	PM	Ramp	ON	4th St On-Ramp	2731498	0.26	3488	218	3706	19	19	898	56	954
355	2035	ALT2	WB	PM	Ramp	OFF	7th St Off-Ramp	94628	0.20	2062	94	2156	26	26	418	19	437
356	2035	ALT2	WB	PM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1184	80	1264	19	19	282	19	301
357	2035	ALT2	WB	PM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2024	87	2111	18	18	765	33	798
358	2035	ALT2	WB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3189	164	3353	24	24	444	23	467
359	2035	ALT2	WB	PM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2334	107	2441	18	18	474	22	496
360	2035	ALT2	WB	PM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2059	132	2191	26	26	275	18	293
361	2035	ALT2	WB	PM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2287	129	2416	18	18	277	16	293
362	2035	ALT2	WB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1286	93	1379	28	28	291	21	312
363	2035	ALT2	WB	PM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1762	74	1836	19	19	582	24	606
364	2035	ALT2	WB	PM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2035	ALT2	WB	PM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2035	ALT2	WB	PM	HOV		Ford St On-Ramp to Cypress Av	2731628	0.50	3786		3786	60	50	1887		1887
367	2035	ALT2	WB	PM	HOV		Cypress Ave Off-Ramp to Unive	2731628	0.75	3786		3786	60	50	2836		2836
368	2035	ALT2	WB	PM	HOV		University St On-Ramp to 6th S	2731628	0.38	3786		3786	60	50	1436		1436
369	2035	ALT2	WB	PM	HOV		6th St Off-Ramp to Orange St L	2731628	0.36	3786		3786	60	50	1362		1362

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
370	2035	ALT2	WB	PM	HOV		Orange St Loop On-Ramp to Or	2731626	0.37	3949		3949	59	50	1479		1479
371	2035	ALT2	WB	PM	HOV		Orange St On-Ramp to SR-210	2731626	0.17	3949		3949	59	50	681		681
372	2035	ALT2	WB	PM	HOV		SR-210 Off-Ramp to Tennessee	2731626	0.27	3949		3949	59	50	1053		1053
373	2035	ALT2	WB	PM	HOV		Tennessee St Off-Ramp to Alab	2731626	0.17	3949		3949	59	50	689		689
374	2035	ALT2	WB	PM	HOV		Alabama St Off-Ramp to SR-21	2731626	0.78	3949		3949	59	50	3092		3092
375	2035	ALT2	WB	PM	HOV		SR-210 SB On-Ramp to Alabam	2731626	0.26	3949		3949	59	50	1031		1031
376	2035	ALT2	WB	PM	HOV		Alabama St On-Ramp to Califor	2731626	0.12	3949		3949	59	50	480		480
377	2035	ALT2	WB	PM	HOV		California St Off-Ramp to Califc	2731613	0.86	3949		3949	59	50	3404		3404
378	2035	ALT2	WB	PM	HOV		California St On-Ramp to Mour	2731613	0.19	3949		3949	59	50	760		760
379	2035	ALT2	WB	PM	HOV		Mountain View Ave Off-Ramp t	2779137	0.22	4916		4916	58	50	1094		1094
380	2035	ALT2	WB	PM	HOV		Mountain View Ave On-Ramp t	2779137	0.21	4916		4916	58	50	1016		1016
381	2035	ALT2	WB	PM	HOV		Tippecanoe Ave Off-Ramp to T	2779137	0.76	4916		4916	58	50	3724		3724
382	2035	ALT2	WB	PM	HOV		Tippecanoe Ave On-Ramp to H	2779137	0.11	4916		4916	58	50	548		548
383	2035	ALT2	WB	PM	HOV		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	4916		4916	58	50	2339		2339
384	2035	ALT2	WB	PM	HOV		Hospitality Ln/ Carnegie Dr On-	2779137	0.28	4916		4916	58	50	1385		1385
385	2035	ALT2	WB	PM	HOV		I-215 NB Off-Ramp to Sunwest	2779137	0.70	4916		4916	58	50	3454		3454
386	2035	ALT2	WB	PM	HOV		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	4916		4916	58	50	1029		1029
387	2035	ALT2	WB	PM	HOV		I-215 NB On-Ramp to I-215 SB	2779137	0.18	4916		4916	58	50	899		899
388	2035	ALT2	WB	PM	HOV		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	4916		4916	58	50	911		911
389	2035	ALT2	WB	PM	HOV		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	4916		4916	58	50	3571		3571
390	2035	ALT2	WB	PM	HOV		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	4126		4126	59	50	191		191
391	2035	ALT2	WB	PM	HOV		9th St Off-Ramp to La Cadena I	2779131	0.62	4126		4126	59	50	2556		2556
392	2035	ALT2	WB	PM	HOV		La Cadena Dr On-Ramp to Ran	2779131	0.09	4126		4126	59	50	363		363
393	2035	ALT2	WB	PM	HOV		Rancho Ave Off-Ramp to Ranch	2779131	0.58	4126		4126	59	50	2410		2410
394	2035	ALT2	WB	PM	HOV		Rancho Ave On-Ramp to Peppe	2779131	0.42	4126		4126	59	50	1719		1719
395	2035	ALT2	WB	PM	HOV		Pepper Ave Off-Ramp to Peppe	2779131	0.59	4126		4126	59	50	2454		2454
396	2035	ALT2	WB	PM	HOV		Pepper Ave On-Ramp to Rivers	2779131	0.17	4126		4126	59	50	702		702
397	2035	ALT2	WB	PM	HOV		Riverside Ave Off-Ramp to Rive	2779131	0.59	4126		4126	59	50	2435		2435
398	2035	ALT2	WB	PM	HOV		Riverside Ave On-Ramp to Ced	2779131	0.85	4126		4126	59	50	3518		3518
399	2035	ALT2	WB	PM	HOV		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	4126		4126	59	50	2998		2998
400	2035	ALT2	WB	PM	HOV		Cedar Ave On-Ramp to Alder A	2779131	0.52	4126		4126	59	50	2162		2162
401	2035	ALT2	WB	PM	HOV		Alder Ave Off-Ramp to Alder A	2731555	0.38	4126		4126	59	50	1548		1548
402	2035	ALT2	WB	PM	HOV		Alder Ave On-Ramp to Alder Av	2731555	0.36	4126		4126	59	50	1492		1492
403	2035	ALT2	WB	PM	HOV		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	4366		4366	59	50	3012		3012
404	2035	ALT2	WB	PM	HOV		Sierra Ave On-Ramp to Citrus A	2731555	0.39	4366		4366	59	50	1701		1701
405	2035	ALT2	WB	PM	HOV		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	4366		4366	59	50	2353		2353
406	2035	ALT2	WB	PM	HOV		Citrus Ave On-Ramp to Beach (	2731555	0.42	4366		4366	59	50	1826		1826
407	2035	ALT2	WB	PM	HOV		Beach Ave Off-Ramp to Beach	2731555	0.63	4366		4366	59	50	2753		2753
408	2035	ALT2	WB	PM	HOV		Beach Ave On-Ramp to Cherry	2731555	0.39	4366		4366	59	50	1722		1722
409	2035	ALT2	WB	PM	HOV		Cherry Off-Ramp to Cherry On-	2731555	0.55	4366		4366	59	50	2403		2403
410	2035	ALT2	WB	PM	HOV		Cherry On-Ramp to Etiwanda A	2779119	1.27	3705		3705	60	50	4698		4698
411	2035	ALT2	WB	PM	HOV		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	3705		3705	60	50	2516		2516
412	2035	ALT2	WB	PM	HOV		Etiwanda Ave Loop On-Ramp t	2779119	0.26	3705		3705	60	50	964		964
413	2035	ALT2	WB	PM	HOV		Etiwanda Ave On-Ramp to I-15	2779119	0.13	3705		3705	60	50	493		493
414	2035	ALT2	WB	PM	HOV		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	3705		3705	60	50	2102		2102
415	2035	ALT2	WB	PM	HOV		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	3705		3705	60	50	493		493
416	2035	ALT2	WB	PM	HOV		I-15 NB On-Ramp to Milliken A	2779119	0.02	3705		3705	60	50	77		77
417	2035	ALT2	WB	PM	HOV		Milliken Ave Off-Ramp to Millik	2779119	0.58	3705		3705	60	50	2150		2150
418	2035	ALT2	WB	PM	HOV		Milliken Ave On-Ramp to Have	2779119	0.25	3705		3705	60	50	925		925

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
419	2035	ALT2	WB	PM	HOV		Haven Ave Off-Ramp to Haven	2779119	0.41	3705		3705	60	50	1524		1524
420	2035	ALT2	WB	PM	HOV		Haven Ave Loop On-Ramp to H	2779113	0.29	6719		6719	60	50	1940		1940
421	2035	ALT2	WB	PM	HOV		Haven Ave On-Ramp to Archib	2779113	0.27	6719		6719	60	50	1837		1837
422	2035	ALT2	WB	PM	HOV		Archibald Ave Off-Ramp to Hol	2779113	0.32	6719		6719	60	50	2180		2180
423	2035	ALT2	WB	PM	HOV		Holt Blvd Off-Ramp to Archibal	2779113	0.63	6719		6719	60	50	4204		4204
424	2035	ALT2	WB	PM	HOV		Archibald Ave On-Ramp to Vine	2779113	0.15	6719		6719	60	50	1028		1028
425	2035	ALT2	WB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2779113	0.36	6719		6719	60	50	2429		2429
426	2035	ALT2	WB	PM	HOV		Vineyard Ave Loop On-Ramp to	2779113	0.19	6719		6719	60	50	1279		1279
427	2035	ALT2	WB	PM	HOV		Vineyard Ave On-Ramp to 4th	2779113	0.36	6719		6719	60	50	2445		2445
428	2035	ALT2	WB	PM	HOV		4th St Off-Ramp to 4th St On-R	2779113	0.39	6719		6719	60	50	2610		2610
429	2035	ALT2	WB	PM	HOV		4th St On-Ramp to 7th St Off-R	2779113	0.26	6719		6719	60	50	1741		1741
430	2035	ALT2	WB	PM	HOV		7th St Off-Ramp to Euclid Ave I	2779107	0.40	2414		2414	62	50	962		962
431	2035	ALT2	WB	PM	HOV		Euclid Ave Loop On-Ramp to E	2779107	0.36	2414		2414	62	50	867		867
432	2035	ALT2	WB	PM	HOV		Euclid Ave On-Ramp to Mount	2779107	0.42	2414		2414	62	50	1021		1021
433	2035	ALT2	WB	PM	HOV		Mountain Ave Off-Ramp to Mc	2760177	0.33	6340		6340	57	50	2069		2069
434	2035	ALT2	WB	PM	HOV		Mountain Ave On-Ramp to Cer	2760177	0.27	6340		6340	57	50	1740		1740
435	2035	ALT2	WB	PM	HOV		Central Ave Off-Ramp to Centr	2760177	0.53	6340		6340	57	50	3338		3338
436	2035	ALT2	WB	PM	HOV		Central Ave On-Ramp to Mont	2760177	0.05	6340		6340	57	50	320		320
437	2035	ALT2	WB	PM	HOV		Monte Vista Ave Off-Ramp to M	2760177	0.56	6340		6340	57	50	3550		3550
216	2035	ALT2	WB	NT	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	19624	2362	21986	62	50	7892	950	8842
217	2035	ALT2	WB	NT	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	18088	2343	20431	61	50	14131	1830	15961
218	2035	ALT2	WB	NT	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	20062	2387	22449	62	50	9997	1190	11187
219	2035	ALT2	WB	NT	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	19337	2375	21712	59	50	14485	1779	16264
220	2035	ALT2	WB	NT	Mainline		University St On-Ramp to 6th S	23726	0.38	22105	2453	24558	60	50	8387	931	9318
221	2035	ALT2	WB	NT	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	20707	2416	23123	58	50	7447	869	8316
222	2035	ALT2	WB	NT	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	23764	2457	26221	60	50	8902	920	9822
223	2035	ALT2	WB	NT	Mainline		Orange St On-Ramp to SR-210	24215	0.17	25779	2532	28311	59	50	4446	437	4883
224	2035	ALT2	WB	NT	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	17036	1194	18230	61	50	4541	318	4859
225	2035	ALT2	WB	NT	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	16458	1181	17639	61	50	2872	206	3078
226	2035	ALT2	WB	NT	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	15939	1164	17103	63	50	12478	911	13389
227	2035	ALT2	WB	NT	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	19693	1254	20947	63	50	5141	327	5468
228	2035	ALT2	WB	NT	Mainline		Alabama St On-Ramp to Califor	24057	0.12	25746	1417	27163	63	50	3132	172	3304
229	2035	ALT2	WB	NT	Mainline		California St Off-Ramp to Califo	24044	0.86	24510	1386	25896	60	50	21126	1195	22321
230	2035	ALT2	WB	NT	Mainline		California St On-Ramp to Mour	24077	0.19	32306	1498	33804	59	50	6217	288	6505
231	2035	ALT2	WB	NT	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	29623	1446	31069	56	50	6591	322	6913
232	2035	ALT2	WB	NT	Mainline		Mountain View Ave On-Ramp t	23990	0.21	30209	1611	31820	60	50	6245	333	6578
233	2035	ALT2	WB	NT	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	29090	1588	30678	50	50	22037	1203	23240
234	2035	ALT2	WB	NT	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	31717	1620	33337	54	50	3537	181	3718
235	2035	ALT2	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	30030	1557	31587	49	49	14290	741	15031
236	2035	ALT2	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	37800	1645	39445	44	44	10651	464	11115
237	2035	ALT2	WB	NT	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	22796	1163	23959	57	50	16016	817	16833
238	2035	ALT2	WB	NT	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	25159	1214	26373	55	50	5265	254	5519
239	2035	ALT2	WB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	25665	1226	26891	55	50	4695	224	4919
240	2035	ALT2	WB	NT	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	32914	1419	34333	53	50	6097	263	6360
241	2035	ALT2	WB	NT	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	30211	1404	31615	51	50	21945	1020	22965
242	2035	ALT2	WB	NT	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	30743	1463	32206	56	50	1424	68	1492
243	2035	ALT2	WB	NT	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	29432	1429	30861	52	50	18233	885	19118
244	2035	ALT2	WB	NT	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	30773	1465	32238	56	50	2711	129	2840
245	2035	ALT2	WB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	29400	1445	30845	52	50	17174	844	18018

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
246	2035	ALT2	WB	NT	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	31105	1490	32595	56	50	12960	621	13581
247	2035	ALT2	WB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	28785	1451	30236	53	50	17118	863	17981
248	2035	ALT2	WB	NT	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	32849	1486	34335	54	50	5593	253	5846
249	2035	ALT2	WB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	29888	1412	31300	56	50	17639	833	18472
250	2035	ALT2	WB	NT	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	33984	1524	35508	53	50	28976	1299	30275
251	2035	ALT2	WB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	30353	1437	31790	51	50	22052	1044	23096
252	2035	ALT2	WB	NT	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	33356	1543	34899	54	50	17475	808	18283
253	2035	ALT2	WB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	33356	1543	34899	54	50	12515	579	13094
254	2035	ALT2	WB	NT	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	33356	1543	34899	54	50	12065	558	12623
255	2035	ALT2	WB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	26751	1529	28280	55	50	18456	1055	19511
256	2035	ALT2	WB	NT	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	31594	1571	33165	56	50	12312	612	12924
257	2035	ALT2	WB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	28496	1511	30007	53	50	15360	814	16174
258	2035	ALT2	WB	NT	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	32442	1606	34048	58	50	13567	672	14239
259	2035	ALT2	WB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	30436	1547	31983	60	50	19192	976	20168
260	2035	ALT2	WB	NT	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	33044	1646	34690	58	50	13034	649	13683
261	2035	ALT2	WB	NT	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	28157	1494	29651	57	50	15499	822	16321
262	2035	ALT2	WB	NT	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	29982	1660	31642	60	50	38016	2105	40121
263	2035	ALT2	WB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	27972	1534	29506	58	50	18995	1042	20037
264	2035	ALT2	WB	NT	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	30069	1657	31726	48	48	7827	431	8258
265	2035	ALT2	WB	NT	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	31946	1703	33649	53	50	4251	227	4478
266	2035	ALT2	WB	NT	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	25612	1292	26904	55	50	14529	733	15262
267	2035	ALT2	WB	NT	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	32373	1517	33890	53	50	4305	202	4507
268	2035	ALT2	WB	NT	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	36791	1637	38428	59	50	760	34	794
269	2035	ALT2	WB	NT	Mainline		Milliken Ave Off-Ramp to Millil	85493	0.58	34567	1458	36025	51	50	20062	846	20908
270	2035	ALT2	WB	NT	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	33928	1547	35475	51	50	8469	386	8855
271	2035	ALT2	WB	NT	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	31413	1380	32793	47	47	12919	568	13487
272	2035	ALT2	WB	NT	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	33577	1431	35008	42	42	9694	413	10107
273	2035	ALT2	WB	NT	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	35522	1474	36996	49	49	9709	403	10112
274	2035	ALT2	WB	NT	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	33709	1427	35136	52	50	10938	463	11401
275	2035	ALT2	WB	NT	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	32401	1132	33533	53	50	20271	708	20979
276	2035	ALT2	WB	NT	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	37194	1204	38398	55	50	5691	184	5875
277	2035	ALT2	WB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	33037	1130	34167	52	50	11945	409	12354
278	2035	ALT2	WB	NT	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	32040	1210	33250	54	50	6097	230	6327
279	2035	ALT2	WB	NT	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	33937	1240	35177	44	44	12349	451	12800
280	2035	ALT2	WB	NT	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	31325	1152	32477	50	50	12171	448	12619
281	2035	ALT2	WB	NT	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	35348	1273	36621	40	40	9157	330	9487
282	2035	ALT2	WB	NT	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	32500	1220	33720	47	47	12948	486	13434
283	2035	ALT2	WB	NT	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	33683	1244	34927	45	45	12096	447	12543
284	2035	ALT2	WB	NT	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	36010	1298	37308	37	37	15230	549	15779
285	2035	ALT2	WB	NT	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	32767	1164	33931	47	47	10696	380	11076
286	2035	ALT2	WB	NT	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	33182	1197	34379	46	46	9105	328	9433
287	2035	ALT2	WB	NT	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	30242	1059	31301	51	50	15921	558	16479
288	2035	ALT2	WB	NT	Mainline		Central Ave On-Ramp to Monte	23492	0.05	36441	1120	37561	51	50	1839	57	1896
289	2035	ALT2	WB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	33942	1021	34963	45	45	19007	572	19579
290	2035	ALT2	WB	NT	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1535	20	1555	33	33	825	11	836
291	2035	ALT2	WB	NT	Ramp	ON	Ford St On-Ramp	94684	0.23	2194	44	2238	26	26	495	10	505
292	2035	ALT2	WB	NT	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	726	12	738	32	32	201	3	204
293	2035	ALT2	WB	NT	Ramp	ON	University St On-Ramp	94674	0.21	2768	78	2846	10	10	585	16	601
294	2035	ALT2	WB	NT	Ramp	OFF	6th St Off-Ramp	94690	0.26	1399	36	1435	23	23	370	10	380

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
295	2035	ALT2	WB	NT	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3131	40	3171	8	8	604	8	612
296	2035	ALT2	WB	NT	Ramp	ON	Orange St On-Ramp	2676749	0.16	2015	75	2090	14	14	316	12	328
297	2035	ALT2	WB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	8743	1338	10081	22	22	7559	1157	8716
298	2035	ALT2	WB	NT	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	578	13	591	28	28	39	1	40
299	2035	ALT2	WB	NT	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	519	17	536	33	33	188	6	194
300	2035	ALT2	WB	NT	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	3754	90	3844	29	29	3744	90	3834
301	2035	ALT2	WB	NT	Ramp	ON	Alabama St On-Ramp	2676731	0.12	6054	162	6216	12	12	723	19	742
302	2035	ALT2	WB	NT	Ramp	OFF	California St Off-Ramp	94793	0.13	1236	31	1267	30	30	160	4	164
303	2035	ALT2	WB	NT	Ramp	ON	California St On-Ramp	2676730	0.11	4107	112	4219	21	21	471	13	484
304	2035	ALT2	WB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2683	52	2735	18	18	313	6	319
305	2035	ALT2	WB	NT	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	5765	165	5930	13	13	787	23	810
306	2035	ALT2	WB	NT	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1119	23	1142	23	23	243	5	248
307	2035	ALT2	WB	NT	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3377	32	3409	5	5	417	4	421
308	2035	ALT2	WB	NT	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1687	63	1750	19	19	412	15	427
309	2035	ALT2	WB	NT	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	3191	88	3279	6	6	420	12	432
310	2035	ALT2	WB	NT	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	15004	482	15486	16	16	2634	85	2719
311	2035	ALT2	WB	NT	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2362	51	2413	12	12	779	17	796
312	2035	ALT2	WB	NT	Ramp	ON	I-215 NB On-Ramp	24504	0.53	506	12	518	24	24	269	6	275
313	2035	ALT2	WB	NT	Ramp	ON	I-215 SB On-Ramp	24517	0.43	7249	193	7442	29	29	3107	83	3190
314	2035	ALT2	WB	NT	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2702	15	2717	13	13	652	4	656
315	2035	ALT2	WB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2408	59	2467	18	18	633	16	649
316	2035	ALT2	WB	NT	Ramp	OFF	9th St Off-Ramp	94928	0.21	1310	35	1345	24	24	280	7	287
317	2035	ALT2	WB	NT	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1340	37	1377	17	17	420	12	432
318	2035	ALT2	WB	NT	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1373	20	1393	23	23	368	5	373
319	2035	ALT2	WB	NT	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2165	45	2210	18	18	690	14	704
320	2035	ALT2	WB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2319	39	2358	16	16	416	7	423
321	2035	ALT2	WB	NT	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1402	35	1437	17	17	475	12	487
322	2035	ALT2	WB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2961	74	3035	10	10	316	8	324
323	2035	ALT2	WB	NT	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	4007	111	4118	27	27	1251	35	1286
324	2035	ALT2	WB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	3631	87	3718	24	24	475	11	486
325	2035	ALT2	WB	NT	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3034	106	3140	17	17	1248	44	1292
326	2035	ALT2	WB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	2221	26	2247	17	17	768	9	777
327	2035	ALT2	WB	NT	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1752	65	1817	16	16	635	24	659
328	2035	ALT2	WB	NT	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3389	52	3441	25	25	393	6	399
329	2035	ALT2	WB	NT	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1959	43	2002	19	19	480	11	491
330	2035	ALT2	WB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	3097	61	3158	26	26	335	7	342
331	2035	ALT2	WB	NT	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3150	96	3246	28	28	942	29	971
332	2035	ALT2	WB	NT	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	2005	60	2065	33	33	586	18	604
333	2035	ALT2	WB	NT	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2249	99	2348	29	29	776	34	810
334	2035	ALT2	WB	NT	Ramp	OFF	Cherry Off-Ramp	94837	0.13	4886	152	5038	26	26	632	20	652
335	2035	ALT2	WB	NT	Ramp	ON	Cherry On-Ramp	95966	0.28	4503	166	4669	27	27	1260	46	1306
336	2035	ALT2	WB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	2010	126	2136	24	24	1018	64	1082
337	2035	ALT2	WB	NT	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	2568	123	2691	25	25	494	24	518
338	2035	ALT2	WB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	1877	46	1923	27	27	687	17	704
339	2035	ALT2	WB	NT	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6334	411	6745	42	42	1784	116	1900
340	2035	ALT2	WB	NT	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6761	225	6986	29	29	4254	142	4396
341	2035	ALT2	WB	NT	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4418	120	4538	21	21	4429	120	4549
342	2035	ALT2	WB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	2225	178	2403	26	26	448	36	484
343	2035	ALT2	WB	NT	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2678	89	2767	9	9	473	16	489

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
344	2035	ALT2	WB	NT	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2514	168	2682	25	25	440	29	469
345	2035	ALT2	WB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2248	52	2300	12	12	215	5	220
346	2035	ALT2	WB	NT	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1946	42	1988	14	14	378	8	386
347	2035	ALT2	WB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1813	47	1860	18	18	329	9	338
348	2035	ALT2	WB	NT	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4769	295	5064	25	25	2748	170	2918
349	2035	ALT2	WB	NT	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4793	72	4865	19	19	878	13	891
350	2035	ALT2	WB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	4157	74	4231	28	28	1337	24	1361
351	2035	ALT2	WB	NT	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1876	80	1956	15	15	299	13	312
352	2035	ALT2	WB	NT	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1899	29	1928	19	19	386	6	392
353	2035	ALT2	WB	NT	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	4847	88	4935	20	20	1226	22	1248
354	2035	ALT2	WB	NT	Ramp	ON	4th St On-Ramp	2731498	0.26	4023	121	4144	15	15	1036	31	1067
355	2035	ALT2	WB	NT	Ramp	OFF	7th St Off-Ramp	94628	0.20	2848	53	2901	11	11	578	11	589
356	2035	ALT2	WB	NT	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1386	24	1410	17	17	330	6	336
357	2035	ALT2	WB	NT	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2327	53	2380	13	13	879	20	899
358	2035	ALT2	WB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3242	134	3376	6	6	451	19	470
359	2035	ALT2	WB	NT	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	3052	33	3085	9	9	620	7	627
360	2035	ALT2	WB	NT	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2940	138	3078	9	9	392	18	410
361	2035	ALT2	WB	NT	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2975	61	3036	9	9	360	7	367
362	2035	ALT2	WB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2500	98	2598	14	14	566	22	588
363	2035	ALT2	WB	NT	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2481	28	2509	12	12	819	9	828
364	2035	ALT2	WB	NT	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2035	ALT2	WB	NT	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2035	ALT2	WB	NT	HOV		Ford St On-Ramp to Cypress Av	2731628	0.50	5851		5851	39	39	2916		2916
367	2035	ALT2	WB	NT	HOV		Cypress Ave Off-Ramp to Unive	2731628	0.75	5851		5851	39	39	4383		4383
368	2035	ALT2	WB	NT	HOV		University St On-Ramp to 6th S	2731628	0.38	5851		5851	39	39	2220		2220
369	2035	ALT2	WB	NT	HOV		6th St Off-Ramp to Orange St L	2731628	0.36	5851		5851	39	39	2104		2104
370	2035	ALT2	WB	NT	HOV		Orange St Loop On-Ramp to Or	2731626	0.37	5924		5924	39	39	2219		2219
371	2035	ALT2	WB	NT	HOV		Orange St On-Ramp to SR-210	2731626	0.17	5924		5924	39	39	1022		1022
372	2035	ALT2	WB	NT	HOV		SR-210 Off-Ramp to Tennessee	2731626	0.27	5924		5924	39	39	1579		1579
373	2035	ALT2	WB	NT	HOV		Tennessee St Off-Ramp to Alab	2731626	0.17	5924		5924	39	39	1034		1034
374	2035	ALT2	WB	NT	HOV		Alabama St Off-Ramp to SR-21	2731626	0.78	5924		5924	39	39	4638		4638
375	2035	ALT2	WB	NT	HOV		SR-210 SB On-Ramp to Alabam	2731626	0.26	5924		5924	39	39	1546		1546
376	2035	ALT2	WB	NT	HOV		Alabama St On-Ramp to Califor	2731626	0.12	5924		5924	39	39	721		721
377	2035	ALT2	WB	NT	HOV		California St Off-Ramp to Califc	2731613	0.86	5924		5924	39	39	5106		5106
378	2035	ALT2	WB	NT	HOV		California St On-Ramp to Mour	2731613	0.19	5924		5924	39	39	1140		1140
379	2035	ALT2	WB	NT	HOV		Mountain View Ave Off-Ramp t	2779137	0.22	7413		7413	29	29	1649		1649
380	2035	ALT2	WB	NT	HOV		Mountain View Ave On-Ramp t	2779137	0.21	7413		7413	29	29	1532		1532
381	2035	ALT2	WB	NT	HOV		Tippecanoe Ave Off-Ramp to T	2779137	0.76	7413		7413	29	29	5616		5616
382	2035	ALT2	WB	NT	HOV		Tippecanoe Ave On-Ramp to H	2779137	0.11	7413		7413	29	29	827		827
383	2035	ALT2	WB	NT	HOV		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	7413		7413	29	29	3527		3527
384	2035	ALT2	WB	NT	HOV		Hospitality Ln/ Carnegie Dr On	2779137	0.28	7413		7413	29	29	2089		2089
385	2035	ALT2	WB	NT	HOV		I-215 NB Off-Ramp to Sunwest	2779137	0.70	7413		7413	29	29	5208		5208
386	2035	ALT2	WB	NT	HOV		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	7413		7413	29	29	1551		1551
387	2035	ALT2	WB	NT	HOV		I-215 NB On-Ramp to I-215 SB	2779137	0.18	7413		7413	29	29	1356		1356
388	2035	ALT2	WB	NT	HOV		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	7413		7413	29	29	1373		1373
389	2035	ALT2	WB	NT	HOV		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	7413		7413	29	29	5385		5385
390	2035	ALT2	WB	NT	HOV		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	5460		5460	41	41	253		253
391	2035	ALT2	WB	NT	HOV		9th St Off-Ramp to La Cadena I	2779131	0.62	5460		5460	41	41	3382		3382
392	2035	ALT2	WB	NT	HOV		La Cadena Dr On-Ramp to Ran	2779131	0.09	5460		5460	41	41	481		481

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
393	2035	ALT2	WB	NT	HOV		Rancho Ave Off-Ramp to Ranch	2779131	0.58	5460		5460	41	41	3190		3190
394	2035	ALT2	WB	NT	HOV		Rancho Ave On-Ramp to Peppe	2779131	0.42	5460		5460	41	41	2275		2275
395	2035	ALT2	WB	NT	HOV		Pepper Ave Off-Ramp to Peppe	2779131	0.59	5460		5460	41	41	3247		3247
396	2035	ALT2	WB	NT	HOV		Pepper Ave On-Ramp to Rivers	2779131	0.17	5460		5460	41	41	930		930
397	2035	ALT2	WB	NT	HOV		Riverside Ave Off-Ramp to Rive	2779131	0.59	5460		5460	41	41	3222		3222
398	2035	ALT2	WB	NT	HOV		Riverside Ave On-Ramp to Ced	2779131	0.85	5460		5460	41	41	4655		4655
399	2035	ALT2	WB	NT	HOV		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	5460		5460	41	41	3967		3967
400	2035	ALT2	WB	NT	HOV		Cedar Ave On-Ramp to Alder A	2779131	0.52	5460		5460	41	41	2860		2860
401	2035	ALT2	WB	NT	HOV		Alder Ave Off-Ramp to Alder A	2731555	0.38	5460		5460	41	41	2049		2049
402	2035	ALT2	WB	NT	HOV		Alder Ave On-Ramp to Alder Av	2731555	0.36	5460		5460	41	41	1975		1975
403	2035	ALT2	WB	NT	HOV		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	5948		5948	38	38	4104		4104
404	2035	ALT2	WB	NT	HOV		Sierra Ave On-Ramp to Citrus A	2731555	0.39	5948		5948	38	38	2318		2318
405	2035	ALT2	WB	NT	HOV		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	5948		5948	38	38	3206		3206
406	2035	ALT2	WB	NT	HOV		Citrus Ave On-Ramp to Beach (	2731555	0.42	5948		5948	38	38	2487		2487
407	2035	ALT2	WB	NT	HOV		Beach Ave Off-Ramp to Beach	2731555	0.63	5948		5948	38	38	3751		3751
408	2035	ALT2	WB	NT	HOV		Beach Ave On-Ramp to Cherry	2731555	0.39	5948		5948	38	38	2346		2346
409	2035	ALT2	WB	NT	HOV		Cherry Off-Ramp to Cherry On-	2731555	0.55	5948		5948	38	38	3274		3274
410	2035	ALT2	WB	NT	HOV		Cherry On-Ramp to Etiwanda A	2779119	1.27	4590		4590	46	46	5820		5820
411	2035	ALT2	WB	NT	HOV		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	4590		4590	46	46	3117		3117
412	2035	ALT2	WB	NT	HOV		Etiwanda Ave Loop On-Ramp t	2779119	0.26	4590		4590	46	46	1195		1195
413	2035	ALT2	WB	NT	HOV		Etiwanda Ave On-Ramp to I-15	2779119	0.13	4590		4590	46	46	611		611
414	2035	ALT2	WB	NT	HOV		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	4590		4590	46	46	2604		2604
415	2035	ALT2	WB	NT	HOV		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	4590		4590	46	46	610		610
416	2035	ALT2	WB	NT	HOV		I-15 NB On-Ramp to Milliken A	2779119	0.02	4590		4590	46	46	95		95
417	2035	ALT2	WB	NT	HOV		Milliken Ave Off-Ramp to Millik	2779119	0.58	4590		4590	46	46	2664		2664
418	2035	ALT2	WB	NT	HOV		Milliken Ave On-Ramp to Have	2779119	0.25	4590		4590	46	46	1146		1146
419	2035	ALT2	WB	NT	HOV		Haven Ave Off-Ramp to Haven	2779119	0.41	4590		4590	46	46	1888		1888
420	2035	ALT2	WB	NT	HOV		Haven Ave Loop On-Ramp to H	2779113	0.29	8463		8463	32	32	2443		2443
421	2035	ALT2	WB	NT	HOV		Haven Ave On-Ramp to Archiba	2779113	0.27	8463		8463	32	32	2313		2313
422	2035	ALT2	WB	NT	HOV		Archibald Ave Off-Ramp to Hol	2779113	0.32	8463		8463	32	32	2746		2746
423	2035	ALT2	WB	NT	HOV		Holt Blvd Off-Ramp to Archibal	2779113	0.63	8463		8463	32	32	5295		5295
424	2035	ALT2	WB	NT	HOV		Archibald Ave On-Ramp to Vine	2779113	0.15	8463		8463	32	32	1295		1295
425	2035	ALT2	WB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2779113	0.36	8463		8463	32	32	3060		3060
426	2035	ALT2	WB	NT	HOV		Vineyard Ave Loop On-Ramp to	2779113	0.19	8463		8463	32	32	1611		1611
427	2035	ALT2	WB	NT	HOV		Vineyard Ave On-Ramp to 4th S	2779113	0.36	8463		8463	32	32	3080		3080
428	2035	ALT2	WB	NT	HOV		4th St Off-Ramp to 4th St On-R	2779113	0.39	8463		8463	32	32	3288		3288
429	2035	ALT2	WB	NT	HOV		4th St On-Ramp to 7th St Off-R	2779113	0.26	8463		8463	32	32	2192		2192
430	2035	ALT2	WB	NT	HOV		7th St Off-Ramp to Euclid Ave L	2779107	0.40	5639		5639	43	43	2247		2247
431	2035	ALT2	WB	NT	HOV		Euclid Ave Loop On-Ramp to Eu	2779107	0.36	5639		5639	43	43	2025		2025
432	2035	ALT2	WB	NT	HOV		Euclid Ave On-Ramp to Mounta	2779107	0.42	5639		5639	43	43	2385		2385
433	2035	ALT2	WB	NT	HOV		Mountain Ave Off-Ramp to Mo	2760177	0.33	8480		8480	24	24	2768		2768
434	2035	ALT2	WB	NT	HOV		Mountain Ave On-Ramp to Cer	2760177	0.27	8480		8480	24	24	2327		2327
435	2035	ALT2	WB	NT	HOV		Central Ave Off-Ramp to Centr	2760177	0.53	8480		8480	24	24	4464		4464
436	2035	ALT2	WB	NT	HOV		Central Ave On-Ramp to Monte	2760177	0.05	8480		8480	24	24	428		428
437	2035	ALT2	WB	NT	HOV		Monte Vista Ave Off-Ramp to M	2760177	0.56	8480		8480	24	24	4749		4749
1	2035	ALT3	EB	AM	Mainline		LA County Line to Monte Vista	25707	0.26	20559	1637	22196	53	50	5268	419	5687
2	2035	ALT3	EB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	18995	1609	20604	55	50	12848	1088	13936
3	2035	ALT3	EB	AM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	20727	1662	22389	58	50	605	49	654
4	2035	ALT3	EB	AM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	18785	1614	20399	56	50	10745	923	11668

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
5	2035	ALT3	EB	AM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	20714	1666	22380	58	50	4308	346	4654
6	2035	ALT3	EB	AM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	18163	1625	19788	57	50	6228	557	6785
7	2035	ALT3	EB	AM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	20555	1687	22242	53	50	9825	806	10631
8	2035	ALT3	EB	AM	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	18254	1639	19893	56	50	11780	1058	12838
9	2035	ALT3	EB	AM	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	20271	1679	21950	53	50	10377	859	11236
10	2035	ALT3	EB	AM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	17299	1587	18886	57	50	2976	273	3249
11	2035	ALT3	EB	AM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	20673	1641	22314	53	50	6802	540	7342
12	2035	ALT3	EB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	18823	1519	20342	56	50	4602	371	4973
13	2035	ALT3	EB	AM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	22102	1576	23678	60	50	4252	303	4555
14	2035	ALT3	EB	AM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	19204	1359	20563	59	50	6500	460	6960
15	2035	ALT3	EB	AM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	22156	1559	23715	55	50	8643	608	9251
16	2035	ALT3	EB	AM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	22900	1591	24491	54	50	5111	355	5466
17	2035	ALT3	EB	AM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	19865	1453	21318	53	50	8264	604	8868
18	2035	ALT3	EB	AM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	23613	1483	25096	53	50	7372	463	7835
19	2035	ALT3	EB	AM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	23983	1549	25532	57	50	5375	347	5722
20	2035	ALT3	EB	AM	Mainline		Milliken Ave Off-Ramp to Millil	23622	0.53	20575	1372	21947	57	50	10911	728	11639
21	2035	ALT3	EB	AM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	21548	1468	23016	59	50	1145	78	1223
22	2035	ALT3	EB	AM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	17776	1168	18944	59	50	4414	290	4704
23	2035	ALT3	EB	AM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	14278	1015	15293	59	50	4379	311	4690
24	2035	ALT3	EB	AM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	18792	1226	20018	60	50	4071	266	4337
25	2035	ALT3	EB	AM	Mainline		I-15 SB On-Ramp to Etiwanda /	24162	0.14	19024	1233	20257	58	50	2678	174	2852
26	2035	ALT3	EB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	17533	1093	18626	60	50	22434	1399	23833
27	2035	ALT3	EB	AM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	18030	1153	19183	62	50	16669	1066	17735
28	2035	ALT3	EB	AM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	15395	961	16356	62	50	9378	585	9963
29	2035	ALT3	EB	AM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	18165	1067	19232	62	50	6475	380	6855
30	2035	ALT3	EB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	17275	999	18274	62	50	10941	633	11574
31	2035	ALT3	EB	AM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	18732	1039	19771	62	50	8394	466	8860
32	2035	ALT3	EB	AM	Mainline		Citrus Ave Off-Ramp to Citrus /	24532	0.54	17477	997	18474	60	50	9363	534	9897
33	2035	ALT3	EB	AM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	19380	1030	20410	59	50	9080	483	9563
34	2035	ALT3	EB	AM	Mainline		Sierra Ave Off-Ramp to Sierra /	24384	0.64	17032	963	17995	58	50	10857	614	11471
35	2035	ALT3	EB	AM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	19483	993	20476	59	50	6026	307	6333
36	2035	ALT3	EB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	19483	993	20476	59	50	7220	368	7588
37	2035	ALT3	EB	AM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	19483	993	20476	59	50	9725	496	10221
38	2035	ALT3	EB	AM	Mainline		Cedar Ave Off-Ramp to Cedar /	24203	0.85	17719	854	18573	58	50	15040	725	15765
39	2035	ALT3	EB	AM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	19188	885	20073	60	50	15263	704	15967
40	2035	ALT3	EB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	16603	812	17415	61	50	9578	468	10046
41	2035	ALT3	EB	AM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	18681	867	19548	60	50	3728	173	3901
42	2035	ALT3	EB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	17025	828	17853	58	50	11232	546	11778
43	2035	ALT3	EB	AM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	18136	846	18982	60	50	4726	220	4946
44	2035	ALT3	EB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	18136	846	18982	60	50	7473	349	7822
45	2035	ALT3	EB	AM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	18672	852	19524	60	50	3353	153	3506
46	2035	ALT3	EB	AM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	17494	812	18306	58	50	9261	430	9691
47	2035	ALT3	EB	AM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	18175	824	18999	60	50	510	23	533
48	2035	ALT3	EB	AM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	16601	799	17400	61	50	10056	484	10540
49	2035	ALT3	EB	AM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	17266	812	18078	60	50	836	39	875
50	2035	ALT3	EB	AM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	13403	683	14086	60	50	12624	643	13267
51	2035	ALT3	EB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	20029	986	21015	58	50	2195	108	2303
52	2035	ALT3	EB	AM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	25531	1220	26751	56	50	3306	158	3464
53	2035	ALT3	EB	AM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	22889	1193	24082	55	50	2488	130	2618

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
54	2035	ALT3	EB	AM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	20908	1129	22037	52	50	13203	713	13916
55	2035	ALT3	EB	AM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	21570	1159	22729	56	50	6094	327	6421
56	2035	ALT3	EB	AM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	18931	1116	20047	55	50	7650	451	8101
57	2035	ALT3	EB	AM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	19172	1120	20292	62	50	3989	233	4222
58	2035	ALT3	EB	AM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	16555	1043	17598	61	50	13086	824	13910
59	2035	ALT3	EB	AM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	17581	1081	18662	62	50	3227	198	3425
60	2035	ALT3	EB	AM	Mainline		California St Off-Ramp to Califc	24075	0.84	15135	1024	16159	62	50	12737	862	13599
61	2035	ALT3	EB	AM	Mainline		California St On-Ramp to Alaba	24046	0.18	17528	1041	18569	62	50	3081	183	3264
62	2035	ALT3	EB	AM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	15197	999	16196	63	50	5950	391	6341
63	2035	ALT3	EB	AM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	12626	908	13534	63	50	2230	160	2390
64	2035	ALT3	EB	AM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	10291	829	11120	62	50	6619	533	7152
65	2035	ALT3	EB	AM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	10712	845	11557	62	50	2125	168	2293
66	2035	ALT3	EB	AM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	15123	1527	16650	61	50	765	77	842
67	2035	ALT3	EB	AM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	12482	1474	13956	61	50	5377	635	6012
68	2035	ALT3	EB	AM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	13151	1493	14644	62	50	3909	444	4353
69	2035	ALT3	EB	AM	Mainline		University St Off-Ramp to Cypr	23724	0.80	11041	1443	12484	61	50	8783	1148	9931
70	2035	ALT3	EB	AM	Mainline		Cypress Ave On-Ramp to Ford S	23642	0.46	11382	1449	12831	63	50	5210	663	5873
71	2035	ALT3	EB	AM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	8504	1421	9925	63	50	5528	924	6452
72	2035	ALT3	EB	AM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	9334	1435	10769	64	50	5507	847	6354
73	2035	ALT3	EB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1563	28	1591	18	18	296	5	301
74	2035	ALT3	EB	AM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1733	52	1785	13	13	224	7	231
75	2035	ALT3	EB	AM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	1942	48	1990	13	13	252	6	258
76	2035	ALT3	EB	AM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	1929	52	1981	12	12	361	10	371
77	2035	ALT3	EB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	1897	41	1938	14	14	307	7	314
78	2035	ALT3	EB	AM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2392	62	2454	7	7	279	7	286
79	2035	ALT3	EB	AM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	2301	48	2349	9	9	337	7	344
80	2035	ALT3	EB	AM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2017	40	2057	11	11	706	14	720
81	2035	ALT3	EB	AM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	2776	92	2868	24	24	881	29	910
82	2035	ALT3	EB	AM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3374	54	3428	14	14	794	13	807
83	2035	ALT3	EB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1850	121	1971	26	26	188	12	200
84	2035	ALT3	EB	AM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	3279	56	3335	27	27	411	7	418
85	2035	ALT3	EB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	2898	217	3115	28	28	843	63	906
86	2035	ALT3	EB	AM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	2952	200	3152	21	21	673	46	719
87	2035	ALT3	EB	AM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	743	32	775	17	17	172	7	179
88	2035	ALT3	EB	AM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	3034	138	3172	20	20	430	20	450
89	2035	ALT3	EB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	810	30	840	17	17	99	4	103
90	2035	ALT3	EB	AM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	370	66	436	19	19	104	18	122
91	2035	ALT3	EB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3408	177	3585	18	18	602	31	633
92	2035	ALT3	EB	AM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	973	96	1069	16	16	188	19	207
93	2035	ALT3	EB	AM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	3772	300	4072	31	31	4187	333	4520
94	2035	ALT3	EB	AM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3497	154	3651	19	19	2017	89	2106
95	2035	ALT3	EB	AM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	4512	212	4724	10	10	503	24	527
96	2035	ALT3	EB	AM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	232	7	239	35	35	278	8	286
97	2035	ALT3	EB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1491	140	1631	26	26	293	27	320
98	2035	ALT3	EB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	497	60	557	29	29	178	21	199
99	2035	ALT3	EB	AM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	2859	192	3051	29	29	583	39	622
100	2035	ALT3	EB	AM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2769	106	2875	28	28	853	33	886
101	2035	ALT3	EB	AM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	890	68	958	34	34	307	23	330
102	2035	ALT3	EB	AM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1458	40	1498	29	29	430	12	442

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
103	2035	ALT3	EB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1256	42	1298	33	33	168	6	174
104	2035	ALT3	EB	AM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1904	33	1937	18	18	511	9	520
105	2035	ALT3	EB	AM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2349	66	2415	25	25	275	8	283
106	2035	ALT3	EB	AM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2452	29	2481	7	7	72	1	73
107	2035	ALT3	EB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	1074	59	1133	23	23	384	21	405
108	2035	ALT3	EB	AM	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1478	20	1498	15	15	507	7	514
109	2035	ALT3	EB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2330	100	2430	25	25	426	18	444
110	2035	ALT3	EB	AM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1469	31	1500	19	19	604	13	617
111	2035	ALT3	EB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	2587	72	2659	30	30	325	9	334
112	2035	ALT3	EB	AM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	2079	55	2134	18	18	627	17	644
113	2035	ALT3	EB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1656	39	1695	17	17	506	12	518
114	2035	ALT3	EB	AM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1111	18	1129	17	17	407	7	414
115	2035	ALT3	EB	AM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2035	ALT3	EB	AM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	537	6	543	19	19	171	2	173
117	2035	ALT3	EB	AM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1180	39	1219	22	22	293	10	303
118	2035	ALT3	EB	AM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	682	12	694	19	19	193	3	196
119	2035	ALT3	EB	AM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1214	25	1239	22	22	510	11	521
120	2035	ALT3	EB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	666	13	679	19	19	173	3	176
121	2035	ALT3	EB	AM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	3863	129	3992	33	33	909	30	939
122	2035	ALT3	EB	AM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	6626	303	6929	25	25	5758	263	6021
123	2035	ALT3	EB	AM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	5502	234	5736	28	28	4171	177	4348
124	2035	ALT3	EB	AM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2642	27	2669	3	3	240	2	242
125	2035	ALT3	EB	AM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1980	65	2045	10	10	493	16	509
126	2035	ALT3	EB	AM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	662	30	692	18	18	92	4	96
127	2035	ALT3	EB	AM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2346	43	2389	6	6	591	11	602
128	2035	ALT3	EB	AM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	240	5	245	19	19	25	1	26
129	2035	ALT3	EB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2617	77	2694	8	8	769	23	792
130	2035	ALT3	EB	AM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	1026	38	1064	29	29	234	9	243
131	2035	ALT3	EB	AM	Ramp	OFF	California St Off-Ramp	94801	0.46	2445	57	2502	11	11	1113	26	1139
132	2035	ALT3	EB	AM	Ramp	ON	California St On-Ramp	95942	0.39	407	17	424	29	29	158	7	165
133	2035	ALT3	EB	AM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2330	43	2373	13	13	1010	19	1029
134	2035	ALT3	EB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2571	91	2662	29	29	2127	75	2202
135	2035	ALT3	EB	AM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2335	79	2414	12	12	801	27	828
136	2035	ALT3	EB	AM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	421	16	437	19	19	45	2	47
137	2035	ALT3	EB	AM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	4411	682	5093	27	27	4682	724	5406
138	2035	ALT3	EB	AM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2654	53	2707	4	4	236	5	241
139	2035	ALT3	EB	AM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	669	19	688	18	18	198	6	204
140	2035	ALT3	EB	AM	Ramp	OFF	University St Off-Ramp	94695	0.28	2110	50	2160	11	11	590	14	604
141	2035	ALT3	EB	AM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	341	6	347	29	29	103	2	105
142	2035	ALT3	EB	AM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1383	28	1411	26	26	380	8	388
143	2035	ALT3	EB	AM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	832	13	845	29	29	313	5	318
144	2035	ALT3	EB	AM	HOT		LA County Line to Monte Vista	2664669	0.26	5159		5159	60	50	8085		8085
145	2035	ALT3	EB	AM	HOT		Monte Vista Ave Off-Ramp to M	2664669	0.68	5159		5159	60	50	8085		8085
146	2035	ALT3	EB	AM	HOT		Monte Vista Ave/Palo Verde St	2664669	0.03	5159		5159	60	50	8085		8085
147	2035	ALT3	EB	AM	HOT		Central Ave Off-Ramp to Centr	2664669	0.57	5159		5159	60	50	8085		8085
148	2035	ALT3	EB	AM	HOT		Central Ave On-Ramp to Moun	2664669	0.21	5159		5159	60	50	8085		8085
149	2035	ALT3	EB	AM	HOT		Mountain Ave Off-Ramp to Mc	2664669	0.34	5159		5159	60	50	8085		8085
150	2035	ALT3	EB	AM	HOT		Mountain Ave On-Ramp to Euc	2779098	0.48	5813		5813	59	50	9637		9637
151	2035	ALT3	EB	AM	HOT		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	5813		5813	59	50	9637		9637

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
152	2035	ALT3	EB	AM	HOT		Euclid Ave On-Ramp to San Ber	2779098	0.51	5813		5813	59	50	9637		9637
153	2035	ALT3	EB	AM	HOT		San Bernardino Ave/4th St Off-	2665612	0.17	6009		6009	61	50	6209		6209
154	2035	ALT3	EB	AM	HOT		San Bernardino Ave/4th St On-	2665612	0.33	6009		6009	61	50	6209		6209
155	2035	ALT3	EB	AM	HOT		Vineyard Ave Off-Ramp to Vine	2665612	0.24	6009		6009	61	50	6209		6209
156	2035	ALT3	EB	AM	HOT		Vineyard Ave On-Ramp to Arch	2665612	0.19	6009		6009	61	50	6209		6209
157	2035	ALT3	EB	AM	HOT		Archibald Ave Off-Ramp to Hol	2665612	0.34	6009		6009	61	50	6209		6209
158	2035	ALT3	EB	AM	HOT		Holt Blvd On-Ramp to Archibal	2665612	0.39	6009		6009	61	50	6209		6209
159	2035	ALT3	EB	AM	HOT		Archibald Ave On-Ramp to Hav	2665612	0.22	6009		6009	61	50	6209		6209
160	2035	ALT3	EB	AM	HOT		Haven Ave Off-Ramp to Haven	2665612	0.42	6009		6009	61	50	6209		6209
161	2035	ALT3	EB	AM	HOT		Haven Ave Loop On-Ramp to H	2778934	0.31	3072		3072	62	50	718		718
162	2035	ALT3	EB	AM	HOT		Haven Ave On-Ramp to Millike	2778934	0.22	3072		3072	62	50	718		718
163	2035	ALT3	EB	AM	HOT		Milliken Ave Off-Ramp to Millik	2778934	0.53	3072		3072	62	50	718		718
164	2035	ALT3	EB	AM	HOT		Milliken Ave Loop On-Ramp to	2778934	0.05	3072		3072	62	50	718		718
165	2035	ALT3	EB	AM	HOT		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	3072		3072	62	50	718		718
166	2035	ALT3	EB	AM	HOT		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	3072		3072	62	50	718		718
167	2035	ALT3	EB	AM	HOT		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	3072		3072	62	50	718		718
168	2035	ALT3	EB	AM	HOT		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	3072		3072	62	50	718		718
169	2035	ALT3	EB	AM	HOT		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	3072		3072	62	50	718		718
170	2035	ALT3	EB	AM	HOT		Etiwanda Ave On-Ramp to Che	2778934	0.92	3072		3072	62	50	718		718
171	2035	ALT3	EB	AM	HOT		Cherry Ave Off-Ramp to Cherry	2760156	0.61	2848		2848	62	50	173		173
172	2035	ALT3	EB	AM	HOT		Cherry Ave On-Ramp to Beach	2760156	0.36	2848		2848	62	50	173		173
173	2035	ALT3	EB	AM	HOT		Beach Ave Off-Ramp to Beach	2760156	0.63	2848		2848	62	50	173		173
174	2035	ALT3	EB	AM	HOT		BeachAve On-Ramp to Citrus A	2760156	0.45	2848		2848	62	50	173		173
175	2035	ALT3	EB	AM	HOT		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	2848		2848	62	50	173		173
176	2035	ALT3	EB	AM	HOT		Citrus Ave On-Ramp to Sierra A	2760156	0.47	2848		2848	62	50	173		173
177	2035	ALT3	EB	AM	HOT		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	2848		2848	62	50	173		173
178	2035	ALT3	EB	AM	HOT		Sierra Ave On-Ramp to Alder A	2760156	0.31	2848		2848	62	50	173		173
179	2035	ALT3	EB	AM	HOT		Alder Ave Off-Ramp to Alder A	2779122	0.37	2848		2848	62	50	682		682
180	2035	ALT3	EB	AM	HOT		Alder Ave On-Ramp to Cedar A	2779122	0.50	2848		2848	62	50	682		682
181	2035	ALT3	EB	AM	HOT		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	2685		2685	62	50	643		643
182	2035	ALT3	EB	AM	HOT		Cedar Ave On-Ramp to Riversic	2779122	0.80	2685		2685	62	50	643		643
183	2035	ALT3	EB	AM	HOT		Riverside Ave Off-Ramp to Rive	2779122	0.58	2685		2685	62	50	643		643
184	2035	ALT3	EB	AM	HOT		Riverside Ave On-Ramp to Pep	2779122	0.20	2685		2685	62	50	643		643
185	2035	ALT3	EB	AM	HOT		Pepper Ave Off-Ramp to Peppe	2779122	0.66	2685		2685	62	50	643		643
186	2035	ALT3	EB	AM	HOT		Pepper Ave On-Ramp to Ranch	2779122	0.26	2685		2685	62	50	643		643
187	2035	ALT3	EB	AM	HOT		Rancho Ave Off-Ramp to Ranch	2779122	0.41	2685		2685	62	50	643		643
188	2035	ALT3	EB	AM	HOT		Rancho Ave On-Ramp to La Ca	2779122	0.18	2685		2685	62	50	643		643
189	2035	ALT3	EB	AM	HOT		La Cadena Dr/9th St Off-Ramp	2779122	0.53	2685		2685	62	50	643		643
190	2035	ALT3	EB	AM	HOT		La Cadena Dr/9th St On-Ramp	2779122	0.03	2685		2685	62	50	643		643
191	2035	ALT3	EB	AM	HOT		Mt Vernon Ave Off-Ramp to M	2779128	0.61	3047		3047	62	50	1587		1587
192	2035	ALT3	EB	AM	HOT		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	3047		3047	62	50	1587		1587
193	2035	ALT3	EB	AM	HOT		I-215 Off-Ramp to I-215 NB On	2779128	0.94	3047		3047	62	50	1587		1587
194	2035	ALT3	EB	AM	HOT		I-215 NB On-Ramp to I-215 SB	2779128	0.11	3047		3047	62	50	1587		1587
195	2035	ALT3	EB	AM	HOT		I-215 SB On-Ramp to Redlands	2779128	0.13	3047		3047	62	50	1587		1587
196	2035	ALT3	EB	AM	HOT		Redlands Blvd Off-Ramp to Wa	2779128	0.11	3047		3047	62	50	1587		1587
197	2035	ALT3	EB	AM	HOT		Waterman Ave Off-Ramp to W	2779128	0.63	3047		3047	62	50	1587		1587
198	2035	ALT3	EB	AM	HOT		Waterman Ave On-Ramp to An	2779128	0.28	3047		3047	62	50	1587		1587
199	2035	ALT3	EB	AM	HOT		Anderson St Off-Ramp to Ande	2760301	0.40	3339		3339	62	50	265		265
200	2035	ALT3	EB	AM	HOT		Anderson St On-Ramp to Mour	2760301	0.21	3339		3339	62	50	265		265

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
201	2035	ALT3	EB	AM	HOT		Mountain View Ave Off-Ramp	2760301	0.79	3339		3339	62	50	265		265
202	2035	ALT3	EB	AM	HOT		Mountain View Ave On-Ramp t	2760301	0.18	3339		3339	62	50	265		265
203	2035	ALT3	EB	AM	HOT		California St Off-Ramp to Califc	2760301	0.84	3339		3339	62	50	265		265
204	2035	ALT3	EB	AM	HOT		California St On-Ramp to Alaba	2731614	0.18	1353		1353	62	50	214		214
205	2035	ALT3	EB	AM	HOT		Alabama St Off-Ramp to SR-21	2731614	0.39	1353		1353	62	50	214		214
206	2035	ALT3	EB	AM	HOT		SR-210 NB Off-Ramp to Tennes	2731614	0.18	1353		1353	62	50	214		214
207	2035	ALT3	EB	AM	HOT		Tennessee St Off-Ramp to Ten	2731614	0.64	1353		1353	62	50	214		214
208	2035	ALT3	EB	AM	HOT		Tennessee St On-Ramp to SR-2	2731614	0.20	1353		1353	62	50	214		214
209	2035	ALT3	EB	AM	HOT		SR-210 SB On-Ramp to Eureka	2731614	0.05	1353		1353	62	50	214		214
210	2035	ALT3	EB	AM	HOT		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	1339		1339	62	50	132		132
211	2035	ALT3	EB	AM	HOT		Pearl Ave On-Ramp to Universi	2760225	0.30	1339		1339	62	50	132		132
212	2035	ALT3	EB	AM	HOT		University St Off-Ramp to Cypr	2760225	0.80	1339		1339	62	50	132		132
213	2035	ALT3	EB	AM	HOT		Cypress Ave On-Ramp to Ford	2760225	0.46	1339		1339	62	50	132		132
214	2035	ALT3	EB	AM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2035	ALT3	EB	AM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
1	2035	ALT3	EB	MD	Mainline		LA County Line to Monte Vista	25707	0.26	35457	4338	39795	56	50	9085	1111	10196
2	2035	ALT3	EB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	32511	4269	36780	57	50	21990	2888	24878
3	2035	ALT3	EB	MD	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	35149	4419	39568	59	50	1026	129	1155
4	2035	ALT3	EB	MD	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	31456	4280	35736	58	50	17992	2448	20440
5	2035	ALT3	EB	MD	Mainline		Central Ave On-Ramp to Moun	23488	0.21	35102	4397	39499	59	50	7301	914	8215
6	2035	ALT3	EB	MD	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	31504	4288	35792	59	50	10802	1470	12272
7	2035	ALT3	EB	MD	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	35550	4470	40020	56	50	16992	2137	19129
8	2035	ALT3	EB	MD	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	30988	4339	35327	58	50	19998	2800	22798
9	2035	ALT3	EB	MD	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	34091	4459	38550	57	50	17451	2283	19734
10	2035	ALT3	EB	MD	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	29135	4207	33342	59	50	5012	724	5736
11	2035	ALT3	EB	MD	Mainline		San Bernardino Ave/4th St On-	23534	0.33	33829	4365	38194	57	50	11131	1436	12567
12	2035	ALT3	EB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	29976	4048	34024	59	50	7329	990	8319
13	2035	ALT3	EB	MD	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	35152	4215	39367	62	50	6763	811	7574
14	2035	ALT3	EB	MD	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	30893	3647	34540	61	50	10457	1234	11691
15	2035	ALT3	EB	MD	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	37078	4145	41223	58	50	14464	1617	16081
16	2035	ALT3	EB	MD	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	38709	4255	42964	57	50	8639	950	9589
17	2035	ALT3	EB	MD	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	34447	3888	38335	55	50	14329	1617	15946
18	2035	ALT3	EB	MD	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	39933	3979	43912	57	50	12468	1242	13710
19	2035	ALT3	EB	MD	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	41518	4145	45663	59	50	9305	929	10234
20	2035	ALT3	EB	MD	Mainline		Milliken Ave Off-Ramp to Milli	23622	0.53	36044	3685	39729	58	50	19114	1954	21068
21	2035	ALT3	EB	MD	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	39194	3902	43096	60	50	2082	207	2289
22	2035	ALT3	EB	MD	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	30721	3091	33812	60	50	7629	768	8397
23	2035	ALT3	EB	MD	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	24563	2645	27208	60	50	7534	811	8345
24	2035	ALT3	EB	MD	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	32957	3202	36159	61	50	7140	694	7834
25	2035	ALT3	EB	MD	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	33934	3246	37180	59	50	4777	457	5234
26	2035	ALT3	EB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	31962	2871	34833	61	50	40896	3674	44570
27	2035	ALT3	EB	MD	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	33447	3027	36474	62	50	30922	2798	33720
28	2035	ALT3	EB	MD	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	28943	2522	31465	62	50	17632	1536	19168
29	2035	ALT3	EB	MD	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	33284	2798	36082	62	50	11865	997	12862
30	2035	ALT3	EB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	31224	2616	33840	63	50	19775	1657	21432
31	2035	ALT3	EB	MD	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	32987	2717	35704	62	50	14782	1218	16000
32	2035	ALT3	EB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	30323	2604	32927	61	50	16245	1395	17640
33	2035	ALT3	EB	MD	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	32780	2693	35473	61	50	15359	1262	16621
34	2035	ALT3	EB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	28029	2506	30535	60	50	17867	1597	19464

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
35	2035	ALT3	EB	MD	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	31585	2585	34170	61	50	9770	800	10570
36	2035	ALT3	EB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	31585	2585	34170	61	50	11705	958	12663
37	2035	ALT3	EB	MD	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	31585	2585	34170	61	50	15765	1290	17055
38	2035	ALT3	EB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	27050	2242	29292	60	50	22960	1903	24863
39	2035	ALT3	EB	MD	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	28987	2327	31314	62	50	23058	1851	24909
40	2035	ALT3	EB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	25072	2132	27204	62	50	14463	1230	15693
41	2035	ALT3	EB	MD	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	28530	2277	30807	62	50	5694	454	6148
42	2035	ALT3	EB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	25508	2180	27688	61	50	16828	1438	18266
43	2035	ALT3	EB	MD	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	27514	2228	29742	62	50	7169	581	7750
44	2035	ALT3	EB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	27514	2228	29742	62	50	11337	918	12255
45	2035	ALT3	EB	MD	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	28416	2248	30664	62	50	5103	404	5507
46	2035	ALT3	EB	MD	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	26241	2148	28389	61	50	13892	1137	15029
47	2035	ALT3	EB	MD	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	27678	2180	29858	62	50	777	61	838
48	2035	ALT3	EB	MD	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	24190	2114	26304	62	50	14653	1281	15934
49	2035	ALT3	EB	MD	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	25590	2152	27742	62	50	1239	104	1343
50	2035	ALT3	EB	MD	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	20307	1853	22160	62	50	19127	1745	20872
51	2035	ALT3	EB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	32853	2711	35564	60	50	3601	297	3898
52	2035	ALT3	EB	MD	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	43609	3423	47032	59	50	5647	443	6090
53	2035	ALT3	EB	MD	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	39039	3315	42354	58	50	4244	360	4604
54	2035	ALT3	EB	MD	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	36241	3161	39402	55	50	22886	1996	24882
55	2035	ALT3	EB	MD	Mainline		Waterman Ave On-Ramp to An	24356	0.28	38338	3241	41579	58	50	10831	916	11747
56	2035	ALT3	EB	MD	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	33901	3087	36988	56	50	13699	1247	14946
57	2035	ALT3	EB	MD	Mainline		Anderson St On-Ramp to Mour	24003	0.21	35511	3100	38611	62	50	7388	645	8033
58	2035	ALT3	EB	MD	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	31242	2871	34113	61	50	24695	2269	26964
59	2035	ALT3	EB	MD	Mainline		Mountain View Ave On-Ramp t	24040	0.18	34711	2976	37687	62	50	6371	546	6917
60	2035	ALT3	EB	MD	Mainline		California St Off-Ramp to Califc	24075	0.84	30930	2790	33720	61	50	26029	2348	28377
61	2035	ALT3	EB	MD	Mainline		California St On-Ramp to Alaba	24046	0.18	37989	2834	40823	61	50	6677	498	7175
62	2035	ALT3	EB	MD	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	33958	2708	36666	62	50	13296	1060	14356
63	2035	ALT3	EB	MD	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	28399	2460	30859	62	50	5016	435	5451
64	2035	ALT3	EB	MD	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	24313	2232	26545	61	50	15639	1436	17075
65	2035	ALT3	EB	MD	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	26462	2274	28736	61	50	5250	451	5701
66	2035	ALT3	EB	MD	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	34051	3994	38045	60	50	1723	202	1925
67	2035	ALT3	EB	MD	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	29068	3837	32905	59	50	12522	1653	14175
68	2035	ALT3	EB	MD	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	30824	3887	34711	61	50	9162	1155	10317
69	2035	ALT3	EB	MD	Mainline		University St Off-Ramp to Cypr	23724	0.80	26760	3765	30525	60	50	21288	2995	24283
70	2035	ALT3	EB	MD	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	27668	3786	31454	63	50	12666	1733	14399
71	2035	ALT3	EB	MD	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	20281	3733	24014	63	50	13185	2427	15612
72	2035	ALT3	EB	MD	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	23098	3764	26862	64	50	13627	2221	15848
73	2035	ALT3	EB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2947	68	3015	19	19	557	13	570
74	2035	ALT3	EB	MD	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2639	149	2788	15	15	341	19	360
75	2035	ALT3	EB	MD	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3694	139	3833	14	14	480	18	498
76	2035	ALT3	EB	MD	Ramp	ON	Central Ave On-Ramp	2668755	0.19	3646	117	3763	12	12	683	22	705
77	2035	ALT3	EB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3775	109	3884	14	14	611	18	629
78	2035	ALT3	EB	MD	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	4045	182	4227	10	10	472	21	493
79	2035	ALT3	EB	MD	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	4562	131	4693	9	9	668	19	687
80	2035	ALT3	EB	MD	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	3104	120	3224	14	14	1086	42	1128
81	2035	ALT3	EB	MD	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	5521	253	5774	24	24	1753	80	1833
82	2035	ALT3	EB	MD	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	4693	159	4852	17	17	1104	37	1141
83	2035	ALT3	EB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	3853	317	4170	26	26	392	32	424

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
84	2035	ALT3	EB	MD	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	5176	166	5342	28	28	648	21	669
85	2035	ALT3	EB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4260	567	4827	31	31	1239	165	1404
86	2035	ALT3	EB	MD	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	6186	497	6683	20	20	1410	113	1523
87	2035	ALT3	EB	MD	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1631	110	1741	17	17	378	26	404
88	2035	ALT3	EB	MD	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	4262	367	4629	24	24	605	52	657
89	2035	ALT3	EB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1498	91	1589	17	17	183	11	194
90	2035	ALT3	EB	MD	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1585	166	1751	17	17	443	46	489
91	2035	ALT3	EB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	5475	460	5935	21	21	966	81	1047
92	2035	ALT3	EB	MD	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3151	216	3367	12	12	610	42	652
93	2035	ALT3	EB	MD	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	8473	811	9284	30	30	9406	900	10306
94	2035	ALT3	EB	MD	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	6160	445	6605	21	21	3553	257	3810
95	2035	ALT3	EB	MD	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	8394	557	8951	12	12	936	62	998
96	2035	ALT3	EB	MD	Ramp	ON	I-15 SB On-Ramp	23557	1.20	976	45	1021	35	35	1168	54	1222
97	2035	ALT3	EB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1971	376	2347	27	27	387	74	461
98	2035	ALT3	EB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1484	156	1640	28	28	531	56	587
99	2035	ALT3	EB	MD	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	5581	505	6086	29	29	1138	103	1241
100	2035	ALT3	EB	MD	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	4341	276	4617	28	28	1338	85	1423
101	2035	ALT3	EB	MD	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	2060	181	2241	33	33	710	62	772
102	2035	ALT3	EB	MD	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1762	101	1863	29	29	520	30	550
103	2035	ALT3	EB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2663	113	2776	33	33	356	15	371
104	2035	ALT3	EB	MD	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2457	89	2546	19	19	659	24	683
105	2035	ALT3	EB	MD	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	4751	187	4938	25	25	557	22	579
106	2035	ALT3	EB	MD	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3556	79	3635	13	13	104	2	106
107	2035	ALT3	EB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2471	151	2622	21	21	885	54	939
108	2035	ALT3	EB	MD	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	2221	53	2274	17	17	763	18	781
109	2035	ALT3	EB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4573	245	4818	25	25	836	45	881
110	2035	ALT3	EB	MD	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1937	85	2022	19	19	796	35	831
111	2035	ALT3	EB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	3915	195	4110	32	32	491	24	515
112	2035	ALT3	EB	MD	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3458	145	3603	18	18	1043	44	1087
113	2035	ALT3	EB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	3022	97	3119	19	19	923	30	953
114	2035	ALT3	EB	MD	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	2006	49	2055	17	17	734	18	752
115	2035	ALT3	EB	MD	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2035	ALT3	EB	MD	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	902	20	922	19	19	287	6	293
117	2035	ALT3	EB	MD	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	2174	101	2275	23	23	539	25	564
118	2035	ALT3	EB	MD	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1438	32	1470	19	19	407	9	416
119	2035	ALT3	EB	MD	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	2003	66	2069	23	23	842	28	870
120	2035	ALT3	EB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1400	38	1438	19	19	363	10	373
121	2035	ALT3	EB	MD	Ramp	OFF	I-215 Off-Ramp	24444	0.24	5283	299	5582	34	34	1243	70	1313
122	2035	ALT3	EB	MD	Ramp	ON	I-215 NB On-Ramp	24630	0.87	12546	858	13404	26	26	10903	746	11649
123	2035	ALT3	EB	MD	Ramp	ON	I-215 SB On-Ramp	24516	0.76	10754	713	11467	28	28	8153	541	8694
124	2035	ALT3	EB	MD	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	4568	109	4677	6	6	416	10	426
125	2035	ALT3	EB	MD	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	2799	154	2953	17	17	696	38	734
126	2035	ALT3	EB	MD	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2096	81	2177	16	16	291	11	302
127	2035	ALT3	EB	MD	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3940	154	4094	10	10	992	39	1031
128	2035	ALT3	EB	MD	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1611	13	1624	17	17	166	1	167
129	2035	ALT3	EB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	4269	230	4499	15	15	1254	68	1322
130	2035	ALT3	EB	MD	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	3468	106	3574	29	29	791	24	815
131	2035	ALT3	EB	MD	Ramp	OFF	California St Off-Ramp	94801	0.46	3780	187	3967	19	19	1721	85	1806
132	2035	ALT3	EB	MD	Ramp	ON	California St On-Ramp	95942	0.39	1764	44	1808	28	28	683	17	700

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
133	2035	ALT3	EB	MD	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	4031	126	4157	18	18	1748	55	1803
134	2035	ALT3	EB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	5558	248	5806	29	29	4598	205	4803
135	2035	ALT3	EB	MD	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	4086	228	4314	16	16	1402	78	1480
136	2035	ALT3	EB	MD	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2148	42	2190	17	17	228	4	232
137	2035	ALT3	EB	MD	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	7589	1720	9309	27	27	8054	1825	9879
138	2035	ALT3	EB	MD	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	4855	157	5012	6	6	432	14	446
139	2035	ALT3	EB	MD	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1755	51	1806	17	17	520	15	535
140	2035	ALT3	EB	MD	Ramp	OFF	University St Off-Ramp	94695	0.28	4064	123	4187	12	12	1136	34	1170
141	2035	ALT3	EB	MD	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	909	21	930	29	29	275	6	281
142	2035	ALT3	EB	MD	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3496	52	3548	22	22	961	14	975
143	2035	ALT3	EB	MD	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	2818	30	2848	29	29	1061	11	1072
144	2035	ALT3	EB	MD	HOT		LA County Line to Monte Vista	2664669	0.26	12882		12882	58	50	3301		3301
145	2035	ALT3	EB	MD	HOT		Monte Vista Ave Off-Ramp to M	2664669	0.68	12882		12882	58	50	8713		8713
146	2035	ALT3	EB	MD	HOT		Monte Vista Ave/Palo Verde St	2664669	0.03	12882		12882	58	50	376		376
147	2035	ALT3	EB	MD	HOT		Central Ave Off-Ramp to Centr	2664669	0.57	12882		12882	58	50	7368		7368
148	2035	ALT3	EB	MD	HOT		Central Ave On-Ramp to Moun	2664669	0.21	12882		12882	58	50	2679		2679
149	2035	ALT3	EB	MD	HOT		Mountain Ave Off-Ramp to Mc	2664669	0.34	12882		12882	58	50	4417		4417
150	2035	ALT3	EB	MD	HOT		Mountain Ave On-Ramp to Euc	2779098	0.48	12704		12704	58	50	6072		6072
151	2035	ALT3	EB	MD	HOT		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	12704		12704	58	50	8198		8198
152	2035	ALT3	EB	MD	HOT		Euclid Ave On-Ramp to San Ber	2779098	0.51	12704		12704	58	50	6503		6503
153	2035	ALT3	EB	MD	HOT		San Bernardino Ave/4th St Off-	2665612	0.17	12138		12138	61	50	2088		2088
154	2035	ALT3	EB	MD	HOT		San Bernardino Ave/4th St On-	2665612	0.33	12138		12138	61	50	3994		3994
155	2035	ALT3	EB	MD	HOT		Vineyard Ave Off-Ramp to Vine	2665612	0.24	12138		12138	61	50	2968		2968
156	2035	ALT3	EB	MD	HOT		Vineyard Ave On-Ramp to Arch	2665612	0.19	12138		12138	61	50	2335		2335
157	2035	ALT3	EB	MD	HOT		Archibald Ave Off-Ramp to Hol	2665612	0.34	12138		12138	61	50	4109		4109
158	2035	ALT3	EB	MD	HOT		Holt Blvd On-Ramp to Archibal	2665612	0.39	12138		12138	61	50	4735		4735
159	2035	ALT3	EB	MD	HOT		Archibald Ave On-Ramp to Hav	2665612	0.22	12138		12138	61	50	2709		2709
160	2035	ALT3	EB	MD	HOT		Haven Ave Off-Ramp to Haven	2665612	0.42	12138		12138	61	50	5049		5049
161	2035	ALT3	EB	MD	HOT		Haven Ave Loop On-Ramp to H	2778934	0.31	8150		8150	61	50	2545		2545
162	2035	ALT3	EB	MD	HOT		Haven Ave On-Ramp to Millike	2778934	0.22	8150		8150	61	50	1826		1826
163	2035	ALT3	EB	MD	HOT		Milliken Ave Off-Ramp to Millil	2778934	0.53	8150		8150	61	50	4322		4322
164	2035	ALT3	EB	MD	HOT		Milliken Ave Loop On-Ramp to	2778934	0.05	8150		8150	61	50	433		433
165	2035	ALT3	EB	MD	HOT		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	8150		8150	61	50	2024		2024
166	2035	ALT3	EB	MD	HOT		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	8150		8150	61	50	2500		2500
167	2035	ALT3	EB	MD	HOT		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	8150		8150	61	50	1766		1766
168	2035	ALT3	EB	MD	HOT		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	8150		8150	61	50	1147		1147
169	2035	ALT3	EB	MD	HOT		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	8150		8150	61	50	10428		10428
170	2035	ALT3	EB	MD	HOT		Etiwanda Ave On-Ramp to Che	2778934	0.92	8150		8150	61	50	7535		7535
171	2035	ALT3	EB	MD	HOT		Cherry Ave Off-Ramp to Cherry	2760156	0.61	7073		7073	61	50	4309		4309
172	2035	ALT3	EB	MD	HOT		Cherry Ave On-Ramp to Beach	2760156	0.36	7073		7073	61	50	2521		2521
173	2035	ALT3	EB	MD	HOT		Beach Ave Off-Ramp to Beach	2760156	0.63	7073		7073	61	50	4479		4479
174	2035	ALT3	EB	MD	HOT		BeachAve On-Ramp to Citrus A	2760156	0.45	7073		7073	61	50	3170		3170
175	2035	ALT3	EB	MD	HOT		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	7073		7073	61	50	3789		3789
176	2035	ALT3	EB	MD	HOT		Citrus Ave On-Ramp to Sierra A	2760156	0.47	7073		7073	61	50	3314		3314
177	2035	ALT3	EB	MD	HOT		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	7073		7073	61	50	4509		4509
178	2035	ALT3	EB	MD	HOT		Sierra Ave On-Ramp to Alder A	2760156	0.31	7073		7073	61	50	2188		2188
179	2035	ALT3	EB	MD	HOT		Alder Ave Off-Ramp to Alder A	2779122	0.37	7073		7073	61	50	2621		2621
180	2035	ALT3	EB	MD	HOT		Alder Ave On-Ramp to Cedar A	2779122	0.50	7073		7073	61	50	3530		3530
181	2035	ALT3	EB	MD	HOT		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	6785		6785	62	50	5759		5759

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
182	2035	ALT3	EB	MD	HOT		Cedar Ave On-Ramp to Riversic	2779122	0.80	6785		6785	62	50	5397		5397
183	2035	ALT3	EB	MD	HOT		Riverside Ave Off-Ramp to Rive	2779122	0.58	6785		6785	62	50	3914		3914
184	2035	ALT3	EB	MD	HOT		Riverside Ave On-Ramp to Pep	2779122	0.20	6785		6785	62	50	1354		1354
185	2035	ALT3	EB	MD	HOT		Pepper Ave Off-Ramp to Peppe	2779122	0.66	6785		6785	62	50	4476		4476
186	2035	ALT3	EB	MD	HOT		Pepper Ave On-Ramp to Ranch	2779122	0.26	6785		6785	62	50	1768		1768
187	2035	ALT3	EB	MD	HOT		Rancho Ave Off-Ramp to Ranch	2779122	0.41	6785		6785	62	50	2796		2796
188	2035	ALT3	EB	MD	HOT		Rancho Ave On-Ramp to La Ca	2779122	0.18	6785		6785	62	50	1218		1218
189	2035	ALT3	EB	MD	HOT		La Cadena Dr/9th St Off-Ramp	2779122	0.53	6785		6785	62	50	3592		3592
190	2035	ALT3	EB	MD	HOT		La Cadena Dr/9th St On-Ramp	2779122	0.03	6785		6785	62	50	190		190
191	2035	ALT3	EB	MD	HOT		Mt Vernon Ave Off-Ramp to M	2779128	0.61	8270		8270	61	50	5009		5009
192	2035	ALT3	EB	MD	HOT		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	8270		8270	61	50	400		400
193	2035	ALT3	EB	MD	HOT		I-215 Off-Ramp to I-215 NB On	2779128	0.94	8270		8270	61	50	7790		7790
194	2035	ALT3	EB	MD	HOT		I-215 NB On-Ramp to I-215 SB	2779128	0.11	8270		8270	61	50	906		906
195	2035	ALT3	EB	MD	HOT		I-215 SB On-Ramp to Redlands	2779128	0.13	8270		8270	61	50	1071		1071
196	2035	ALT3	EB	MD	HOT		Redlands Blvd Off-Ramp to Wa	2779128	0.11	8270		8270	61	50	899		899
197	2035	ALT3	EB	MD	HOT		Waterman Ave Off-Ramp to W	2779128	0.63	8270		8270	61	50	5222		5222
198	2035	ALT3	EB	MD	HOT		Waterman Ave On-Ramp to An	2779128	0.28	8270		8270	61	50	2336		2336
199	2035	ALT3	EB	MD	HOT		Anderson St Off-Ramp to Ande	2760301	0.40	8768		8768	60	50	3543		3543
200	2035	ALT3	EB	MD	HOT		Anderson St On-Ramp to Mour	2760301	0.21	8768		8768	60	50	1824		1824
201	2035	ALT3	EB	MD	HOT		Mountain View Ave Off-Ramp t	2760301	0.79	8768		8768	60	50	6930		6930
202	2035	ALT3	EB	MD	HOT		Mountain View Ave On-Ramp t	2760301	0.18	8768		8768	60	50	1609		1609
203	2035	ALT3	EB	MD	HOT		California St Off-Ramp to Califc	2760301	0.84	8768		8768	60	50	7379		7379
204	2035	ALT3	EB	MD	HOT		California St On-Ramp to Alaba	2731614	0.18	3473		3473	61	50	610		610
205	2035	ALT3	EB	MD	HOT		Alabama St Off-Ramp to SR-21	2731614	0.39	3473		3473	61	50	1360		1360
206	2035	ALT3	EB	MD	HOT		SR-210 NB Off-Ramp to Tennes	2731614	0.18	3473		3473	61	50	613		613
207	2035	ALT3	EB	MD	HOT		Tennessee St Off-Ramp to Ten	2731614	0.64	3473		3473	61	50	2234		2234
208	2035	ALT3	EB	MD	HOT		Tennessee St On-Ramp to SR-2	2731614	0.20	3473		3473	61	50	689		689
209	2035	ALT3	EB	MD	HOT		SR-210 SB On-Ramp to Eureka	2731614	0.05	3473		3473	61	50	176		176
210	2035	ALT3	EB	MD	HOT		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	3601		3601	61	50	1551		1551
211	2035	ALT3	EB	MD	HOT		Pearl Ave On-Ramp to Universi	2760225	0.30	3601		3601	61	50	1070		1070
212	2035	ALT3	EB	MD	HOT		University St Off-Ramp to Cypr	2760225	0.80	3601		3601	61	50	2865		2865
213	2035	ALT3	EB	MD	HOT		Cypress Ave On-Ramp to Ford	2760225	0.46	3601		3601	61	50	1648		1648
214	2035	ALT3	EB	MD	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2035	ALT3	EB	MD	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
1	2035	ALT3	EB	PM	Mainline		LA County Line to Monte Vista	25707	0.26	33464	1079	34543	46	46	8574	276	8850
2	2035	ALT3	EB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	31290	1060	32350	50	50	21165	717	21882
3	2035	ALT3	EB	PM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	34169	1163	35332	54	50	997	34	1031
4	2035	ALT3	EB	PM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	31513	1109	32622	49	49	18025	634	18659
5	2035	ALT3	EB	PM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	34437	1177	35614	53	50	7162	245	7407
6	2035	ALT3	EB	PM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	31326	1136	32462	50	50	10741	390	11131
7	2035	ALT3	EB	PM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	34407	1289	35696	42	42	16446	616	17062
8	2035	ALT3	EB	PM	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	31000	1249	32249	50	50	20006	806	20812
9	2035	ALT3	EB	PM	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	33512	1313	34825	45	45	17155	672	17827
10	2035	ALT3	EB	PM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	28446	1219	29665	53	50	4894	210	5104
11	2035	ALT3	EB	PM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	31659	1310	32969	49	49	10417	431	10848
12	2035	ALT3	EB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	28828	1191	30019	53	50	7048	291	7339
13	2035	ALT3	EB	PM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	34889	1356	36245	57	50	6712	261	6973
14	2035	ALT3	EB	PM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	30647	1246	31893	55	50	10374	422	10796
15	2035	ALT3	EB	PM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	35952	1481	37433	49	49	14025	578	14603

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
16	2035	ALT3	EB	PM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	37936	1522	39458	45	45	8467	340	8807
17	2035	ALT3	EB	PM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	35582	1421	37003	35	35	14802	591	15393
18	2035	ALT3	EB	PM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	38364	1475	39839	44	44	11978	461	12439
19	2035	ALT3	EB	PM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	41232	1577	42809	49	49	9240	353	9593
20	2035	ALT3	EB	PM	Mainline		Milliken Ave Off-Ramp to Milli	23622	0.53	38025	1420	39445	45	45	20165	753	20918
21	2035	ALT3	EB	PM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	41081	1501	42582	49	49	2182	80	2262
22	2035	ALT3	EB	PM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	33446	1334	34780	52	50	8305	331	8636
23	2035	ALT3	EB	PM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	28453	1116	29569	52	50	8727	342	9069
24	2035	ALT3	EB	PM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	35433	1660	37093	54	50	7677	360	8037
25	2035	ALT3	EB	PM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	36188	1682	37870	48	48	5094	237	5331
26	2035	ALT3	EB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	34414	1548	35962	48	48	44034	1981	46015
27	2035	ALT3	EB	PM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	36543	1682	38225	55	50	33784	1555	35339
28	2035	ALT3	EB	PM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	33212	1553	34765	51	50	20232	946	21178
29	2035	ALT3	EB	PM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	38302	1757	40059	52	50	13653	626	14279
30	2035	ALT3	EB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	35887	1683	37570	55	50	22728	1066	23794
31	2035	ALT3	EB	PM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	37665	1744	39409	53	50	16879	782	17661
32	2035	ALT3	EB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	33813	1679	35492	49	49	18115	900	19015
33	2035	ALT3	EB	PM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	35983	1743	37726	50	50	16859	817	17676
34	2035	ALT3	EB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	30952	1645	32597	49	49	19730	1049	20779
35	2035	ALT3	EB	PM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	34146	1697	35843	53	50	10562	525	11087
36	2035	ALT3	EB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	34146	1697	35843	53	50	12654	629	13283
37	2035	ALT3	EB	PM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	34146	1697	35843	53	50	17043	847	17890
38	2035	ALT3	EB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	30126	1564	31690	51	50	25571	1328	26899
39	2035	ALT3	EB	PM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	32049	1636	33685	55	50	25494	1301	26795
40	2035	ALT3	EB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	27061	1472	28533	58	50	15611	849	16460
41	2035	ALT3	EB	PM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	30916	1561	32477	56	50	6170	312	6482
42	2035	ALT3	EB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	28199	1519	29718	53	50	18603	1002	19605
43	2035	ALT3	EB	PM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	29597	1548	31145	57	50	7712	403	8115
44	2035	ALT3	EB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	29597	1548	31145	57	50	12195	638	12833
45	2035	ALT3	EB	PM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	30155	1559	31714	57	50	5415	280	5695
46	2035	ALT3	EB	PM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	28410	1497	29907	53	50	15040	792	15832
47	2035	ALT3	EB	PM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	30235	1520	31755	57	50	849	43	892
48	2035	ALT3	EB	PM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	26403	1481	27884	59	50	15993	897	16890
49	2035	ALT3	EB	PM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	27998	1510	29508	57	50	1355	73	1428
50	2035	ALT3	EB	PM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	20752	1257	22009	58	50	19546	1184	20730
51	2035	ALT3	EB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	31348	1589	32937	54	50	3436	174	3610
52	2035	ALT3	EB	PM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	39326	2146	41472	50	50	5092	278	5370
53	2035	ALT3	EB	PM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	36089	2086	38175	47	47	3923	227	4150
54	2035	ALT3	EB	PM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	34271	1950	36221	37	37	21642	1231	22873
55	2035	ALT3	EB	PM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	36503	1988	38491	46	46	10313	562	10875
56	2035	ALT3	EB	PM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	33487	1911	35398	40	40	13532	772	14304
57	2035	ALT3	EB	PM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	35536	1917	37453	55	50	7394	399	7793
58	2035	ALT3	EB	PM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	32571	1811	34382	52	50	25745	1431	27176
59	2035	ALT3	EB	PM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	36928	1871	38799	54	50	6778	343	7121
60	2035	ALT3	EB	PM	Mainline		California St Off-Ramp to Califc	24075	0.84	34484	1749	36233	47	47	29019	1472	30491
61	2035	ALT3	EB	PM	Mainline		California St On-Ramp to Alaba	24046	0.18	42217	1776	43993	40	40	7420	312	7732
62	2035	ALT3	EB	PM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	39367	1694	41061	49	49	15414	663	16077
63	2035	ALT3	EB	PM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	31578	1574	33152	54	50	5578	278	5856
64	2035	ALT3	EB	PM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	28620	1467	30087	53	50	18409	944	19353

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
65	2035	ALT3	EB	PM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	30814	1481	32295	50	50	6114	294	6408
66	2035	ALT3	EB	PM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	38680	2375	41055	42	42	1957	120	2077
67	2035	ALT3	EB	PM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	34736	2288	37024	36	36	14963	986	15949
68	2035	ALT3	EB	PM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	36403	2313	38716	48	48	10820	687	11507
69	2035	ALT3	EB	PM	Mainline		University St Off-Ramp to Cypr	23724	0.80	33245	2279	35524	42	42	26447	1813	28260
70	2035	ALT3	EB	PM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	34783	2298	37081	56	50	15923	1052	16975
71	2035	ALT3	EB	PM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	31504	2283	33787	52	50	20481	1484	21965
72	2035	ALT3	EB	PM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	35835	2338	38173	58	50	21141	1379	22520
73	2035	ALT3	EB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2173	19	2192	18	18	411	4	415
74	2035	ALT3	EB	PM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2879	103	2982	9	9	372	13	385
75	2035	ALT3	EB	PM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2656	54	2710	13	13	345	7	352
76	2035	ALT3	EB	PM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2923	69	2992	9	9	548	13	561
77	2035	ALT3	EB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3110	41	3151	9	9	503	7	510
78	2035	ALT3	EB	PM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	3080	154	3234	7	7	359	18	377
79	2035	ALT3	EB	PM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3406	41	3447	6	6	499	6	505
80	2035	ALT3	EB	PM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2511	65	2576	12	12	879	23	902
81	2035	ALT3	EB	PM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	4959	95	5054	20	20	1575	30	1605
82	2035	ALT3	EB	PM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3214	91	3305	17	17	756	21	777
83	2035	ALT3	EB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	2832	118	2950	26	26	288	12	300
84	2035	ALT3	EB	PM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	6061	165	6226	24	24	759	21	780
85	2035	ALT3	EB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4241	111	4352	28	28	1233	32	1265
86	2035	ALT3	EB	PM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5305	235	5540	15	15	1209	54	1263
87	2035	ALT3	EB	PM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1983	41	2024	14	14	460	10	470
88	2035	ALT3	EB	PM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2354	101	2455	26	26	334	14	348
89	2035	ALT3	EB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1741	54	1795	15	15	213	7	220
90	2035	ALT3	EB	PM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	2868	102	2970	8	8	802	29	831
91	2035	ALT3	EB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3208	157	3365	23	23	566	28	594
92	2035	ALT3	EB	PM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3056	81	3137	7	7	591	16	607
93	2035	ALT3	EB	PM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	7634	167	7801	28	28	8475	185	8660
94	2035	ALT3	EB	PM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	4993	218	5211	17	17	2880	126	3006
95	2035	ALT3	EB	PM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	6979	544	7523	4	4	778	61	839
96	2035	ALT3	EB	PM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	755	22	777	35	35	904	26	930
97	2035	ALT3	EB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1774	134	1908	27	27	348	26	374
98	2035	ALT3	EB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	2129	134	2263	26	26	762	48	810
99	2035	ALT3	EB	PM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	5197	129	5326	24	24	1060	26	1086
100	2035	ALT3	EB	PM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	5090	204	5294	26	26	1569	63	1632
101	2035	ALT3	EB	PM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	2415	74	2489	32	32	833	26	859
102	2035	ALT3	EB	PM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1778	61	1839	29	29	525	18	543
103	2035	ALT3	EB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	3852	65	3917	29	29	515	9	524
104	2035	ALT3	EB	PM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2170	64	2234	18	18	582	17	599
105	2035	ALT3	EB	PM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	5030	98	5128	19	19	590	11	601
106	2035	ALT3	EB	PM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3193	52	3245	7	7	94	2	96
107	2035	ALT3	EB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2390	51	2441	16	16	856	18	874
108	2035	ALT3	EB	PM	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1645	30	1675	16	16	565	10	575
109	2035	ALT3	EB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4993	113	5106	19	19	913	21	934
110	2035	ALT3	EB	PM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1923	72	1995	19	19	791	30	821
111	2035	ALT3	EB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	4988	164	5152	25	25	626	21	647
112	2035	ALT3	EB	PM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3855	89	3944	16	16	1163	27	1190
113	2035	ALT3	EB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2717	41	2758	13	13	830	13	843

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
114	2035	ALT3	EB	PM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1398	29	1427	17	17	512	11	523
115	2035	ALT3	EB	PM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2035	ALT3	EB	PM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	557	11	568	19	19	177	4	181
117	2035	ALT3	EB	PM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1745	62	1807	21	21	433	15	448
118	2035	ALT3	EB	PM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1826	23	1849	19	19	516	7	523
119	2035	ALT3	EB	PM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1884	40	1924	20	20	792	17	809
120	2035	ALT3	EB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1594	30	1624	19	19	414	8	422
121	2035	ALT3	EB	PM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	7246	253	7499	33	33	1704	60	1764
122	2035	ALT3	EB	PM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	10596	332	10928	21	21	9209	289	9498
123	2035	ALT3	EB	PM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	7978	557	8535	27	27	6048	422	6470
124	2035	ALT3	EB	PM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3237	60	3297	5	5	294	5	299
125	2035	ALT3	EB	PM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1818	136	1954	17	17	452	34	486
126	2035	ALT3	EB	PM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2231	39	2270	12	12	310	5	315
127	2035	ALT3	EB	PM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2730	77	2807	9	9	688	19	707
128	2035	ALT3	EB	PM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	2049	6	2055	13	13	211	1	212
129	2035	ALT3	EB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2965	106	3071	14	14	871	31	902
130	2035	ALT3	EB	PM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	4357	60	4417	27	27	993	14	1007
131	2035	ALT3	EB	PM	Ramp	OFF	California St Off-Ramp	94801	0.46	2444	122	2566	20	20	1112	56	1168
132	2035	ALT3	EB	PM	Ramp	ON	California St On-Ramp	95942	0.39	2613	26	2639	26	26	1012	10	1022
133	2035	ALT3	EB	PM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2850	81	2931	16	16	1236	35	1271
134	2035	ALT3	EB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	7789	120	7909	27	27	6443	99	6542
135	2035	ALT3	EB	PM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2958	107	3065	14	14	1015	37	1052
136	2035	ALT3	EB	PM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2194	14	2208	14	14	233	1	234
137	2035	ALT3	EB	PM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	7866	894	8760	25	25	8348	949	9297
138	2035	ALT3	EB	PM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	3607	88	3695	4	4	321	8	329
139	2035	ALT3	EB	PM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1667	25	1692	16	16	494	7	501
140	2035	ALT3	EB	PM	Ramp	OFF	University St Off-Ramp	94695	0.28	3158	34	3192	8	8	883	10	893
141	2035	ALT3	EB	PM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	1538	19	1557	28	28	465	6	471
142	2035	ALT3	EB	PM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3227	15	3242	12	12	887	4	891
143	2035	ALT3	EB	PM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	4331	55	4386	27	27	1631	21	1652
144	2035	ALT3	EB	PM	HOT		LA County Line to Monte Vista	2664669	0.26	13441		13441	50	50	21063		21063
145	2035	ALT3	EB	PM	HOT		Monte Vista Ave Off-Ramp to M	2664669	0.68	13441		13441	50	50	21063		21063
146	2035	ALT3	EB	PM	HOT		Monte Vista Ave/Palo Verde St	2664669	0.03	13441		13441	50	50	21063		21063
147	2035	ALT3	EB	PM	HOT		Central Ave Off-Ramp to Centr	2664669	0.57	13441		13441	50	50	21063		21063
148	2035	ALT3	EB	PM	HOT		Central Ave On-Ramp to Moun	2664669	0.21	13441		13441	50	50	21063		21063
149	2035	ALT3	EB	PM	HOT		Mountain Ave Off-Ramp to Mc	2664669	0.34	13441		13441	50	50	21063		21063
150	2035	ALT3	EB	PM	HOT		Mountain Ave On-Ramp to Euc	2779098	0.48	13442		13442	50	50	22285		22285
151	2035	ALT3	EB	PM	HOT		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	13442		13442	50	50	22285		22285
152	2035	ALT3	EB	PM	HOT		Euclid Ave On-Ramp to San Ber	2779098	0.51	13442		13442	50	50	22285		22285
153	2035	ALT3	EB	PM	HOT		San Bernardino Ave/4th St Off-	2665612	0.17	13548		13548	55	50	13998		13998
154	2035	ALT3	EB	PM	HOT		San Bernardino Ave/4th St On-	2665612	0.33	13548		13548	55	50	13998		13998
155	2035	ALT3	EB	PM	HOT		Vineyard Ave Off-Ramp to Vine	2665612	0.24	13548		13548	55	50	13998		13998
156	2035	ALT3	EB	PM	HOT		Vineyard Ave On-Ramp to Arch	2665612	0.19	13548		13548	55	50	13998		13998
157	2035	ALT3	EB	PM	HOT		Archibald Ave Off-Ramp to Hol	2665612	0.34	13548		13548	55	50	13998		13998
158	2035	ALT3	EB	PM	HOT		Holt Blvd On-Ramp to Archibal	2665612	0.39	13548		13548	55	50	13998		13998
159	2035	ALT3	EB	PM	HOT		Archibald Ave On-Ramp to Hav	2665612	0.22	13548		13548	55	50	13998		13998
160	2035	ALT3	EB	PM	HOT		Haven Ave Off-Ramp to Haven	2665612	0.42	13548		13548	55	50	13998		13998
161	2035	ALT3	EB	PM	HOT		Haven Ave Loop On-Ramp to H	2778934	0.31	12507		12507	50	50	2923		2923
162	2035	ALT3	EB	PM	HOT		Haven Ave On-Ramp to Millike	2778934	0.22	12507		12507	50	50	2923		2923

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
163	2035	ALT3	EB	PM	HOT		Milliken Ave Off-Ramp to Millik	2778934	0.53	12507		12507	50	50	2923		2923
164	2035	ALT3	EB	PM	HOT		Milliken Ave Loop On-Ramp to	2778934	0.05	12507		12507	50	50	2923		2923
165	2035	ALT3	EB	PM	HOT		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	12507		12507	50	50	2923		2923
166	2035	ALT3	EB	PM	HOT		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	12507		12507	50	50	2923		2923
167	2035	ALT3	EB	PM	HOT		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	12507		12507	50	50	2923		2923
168	2035	ALT3	EB	PM	HOT		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	12507		12507	50	50	2923		2923
169	2035	ALT3	EB	PM	HOT		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	12507		12507	50	50	2923		2923
170	2035	ALT3	EB	PM	HOT		Etiwanda Ave On-Ramp to Che	2778934	0.92	12507		12507	50	50	2923		2923
171	2035	ALT3	EB	PM	HOT		Cherry Ave Off-Ramp to Cherry	2760156	0.61	10642		10642	54	50	648		648
172	2035	ALT3	EB	PM	HOT		Cherry Ave On-Ramp to Beach	2760156	0.36	10642		10642	54	50	648		648
173	2035	ALT3	EB	PM	HOT		Beach Ave Off-Ramp to Beach	2760156	0.63	10642		10642	54	50	648		648
174	2035	ALT3	EB	PM	HOT		BeachAve On-Ramp to Citrus A	2760156	0.45	10642		10642	54	50	648		648
175	2035	ALT3	EB	PM	HOT		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	10642		10642	54	50	648		648
176	2035	ALT3	EB	PM	HOT		Citrus Ave On-Ramp to Sierra A	2760156	0.47	10642		10642	54	50	648		648
177	2035	ALT3	EB	PM	HOT		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	10642		10642	54	50	648		648
178	2035	ALT3	EB	PM	HOT		Sierra Ave On-Ramp to Alder A	2760156	0.31	10642		10642	54	50	648		648
179	2035	ALT3	EB	PM	HOT		Alder Ave Off-Ramp to Alder A	2779122	0.37	10642		10642	54	50	2550		2550
180	2035	ALT3	EB	PM	HOT		Alder Ave On-Ramp to Cedar A	2779122	0.50	10642		10642	54	50	2550		2550
181	2035	ALT3	EB	PM	HOT		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	8921		8921	57	50	2138		2138
182	2035	ALT3	EB	PM	HOT		Cedar Ave On-Ramp to Riversic	2779122	0.80	8921		8921	57	50	2138		2138
183	2035	ALT3	EB	PM	HOT		Riverside Ave Off-Ramp to Rive	2779122	0.58	8921		8921	57	50	2138		2138
184	2035	ALT3	EB	PM	HOT		Riverside Ave On-Ramp to Pep	2779122	0.20	8921		8921	57	50	2138		2138
185	2035	ALT3	EB	PM	HOT		Pepper Ave Off-Ramp to Peppe	2779122	0.66	8921		8921	57	50	2138		2138
186	2035	ALT3	EB	PM	HOT		Pepper Ave On-Ramp to Ranch	2779122	0.26	8921		8921	57	50	2138		2138
187	2035	ALT3	EB	PM	HOT		Rancho Ave Off-Ramp to Ranch	2779122	0.41	8921		8921	57	50	2138		2138
188	2035	ALT3	EB	PM	HOT		Rancho Ave On-Ramp to La Ca	2779122	0.18	8921		8921	57	50	2138		2138
189	2035	ALT3	EB	PM	HOT		La Cadena Dr/9th St Off-Ramp	2779122	0.53	8921		8921	57	50	2138		2138
190	2035	ALT3	EB	PM	HOT		La Cadena Dr/9th St On-Ramp	2779122	0.03	8921		8921	57	50	2138		2138
191	2035	ALT3	EB	PM	HOT		Mt Vernon Ave Off-Ramp to M	2779128	0.61	10869		10869	53	50	5660		5660
192	2035	ALT3	EB	PM	HOT		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	10869		10869	53	50	5660		5660
193	2035	ALT3	EB	PM	HOT		I-215 Off-Ramp to I-215 NB On	2779128	0.94	10869		10869	53	50	5660		5660
194	2035	ALT3	EB	PM	HOT		I-215 NB On-Ramp to I-215 SB	2779128	0.11	10869		10869	53	50	5660		5660
195	2035	ALT3	EB	PM	HOT		I-215 SB On-Ramp to Redlands	2779128	0.13	10869		10869	53	50	5660		5660
196	2035	ALT3	EB	PM	HOT		Redlands Blvd Off-Ramp to Wa	2779128	0.11	10869		10869	53	50	5660		5660
197	2035	ALT3	EB	PM	HOT		Waterman Ave Off-Ramp to W	2779128	0.63	10869		10869	53	50	5660		5660
198	2035	ALT3	EB	PM	HOT		Waterman Ave On-Ramp to An	2779128	0.28	10869		10869	53	50	5660		5660
199	2035	ALT3	EB	PM	HOT		Anderson St Off-Ramp to Ande	2760301	0.40	11155		11155	53	50	885		885
200	2035	ALT3	EB	PM	HOT		Anderson St On-Ramp to Mour	2760301	0.21	11155		11155	53	50	885		885
201	2035	ALT3	EB	PM	HOT		Mountain View Ave Off-Ramp t	2760301	0.79	11155		11155	53	50	885		885
202	2035	ALT3	EB	PM	HOT		Mountain View Ave On-Ramp t	2760301	0.18	11155		11155	53	50	885		885
203	2035	ALT3	EB	PM	HOT		California St Off-Ramp to Califc	2760301	0.84	11155		11155	53	50	885		885
204	2035	ALT3	EB	PM	HOT		California St On-Ramp to Alaba	2731614	0.18	6034		6034	46	46	952		952
205	2035	ALT3	EB	PM	HOT		Alabama St Off-Ramp to SR-21	2731614	0.39	6034		6034	46	46	952		952
206	2035	ALT3	EB	PM	HOT		SR-210 NB Off-Ramp to Tennes	2731614	0.18	6034		6034	46	46	952		952
207	2035	ALT3	EB	PM	HOT		Tennessee St Off-Ramp to Ten	2731614	0.64	6034		6034	46	46	952		952
208	2035	ALT3	EB	PM	HOT		Tennessee St On-Ramp to SR-2	2731614	0.20	6034		6034	46	46	952		952
209	2035	ALT3	EB	PM	HOT		SR-210 SB On-Ramp to Eureka	2731614	0.05	6034		6034	46	46	952		952
210	2035	ALT3	EB	PM	HOT		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	6370		6370	43	43	627		627
211	2035	ALT3	EB	PM	HOT		Pearl Ave On-Ramp to Universi	2760225	0.30	6370		6370	43	43	627		627

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
212	2035	ALT3	EB	PM	HOT		University St Off-Ramp to Cypr	2760225	0.80	6370		6370	43	43	627		627
213	2035	ALT3	EB	PM	HOT		Cypress Ave On-Ramp to Ford	2760225	0.46	6370		6370	43	43	627		627
214	2035	ALT3	EB	PM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2035	ALT3	EB	PM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
1	2035	ALT3	EB	NT	Mainline		LA County Line to Monte Vista	25707	0.26	26349	8507	34856	62	50	6751	2180	8931
2	2035	ALT3	EB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	24945	8444	33389	62	50	16873	5712	22585
3	2035	ALT3	EB	NT	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	26141	8538	34679	63	50	763	249	1012
4	2035	ALT3	EB	NT	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	23510	8406	31916	62	50	13447	4808	18255
5	2035	ALT3	EB	NT	Mainline		Central Ave On-Ramp to Moun	23488	0.21	25766	8522	34288	63	50	5359	1772	7131
6	2035	ALT3	EB	NT	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	23299	8406	31705	63	50	7989	2882	10871
7	2035	ALT3	EB	NT	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	25985	8572	34557	62	50	12420	4097	16517
8	2035	ALT3	EB	NT	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	21473	8385	29858	63	50	13857	5411	19268
9	2035	ALT3	EB	NT	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	23429	8489	31918	62	50	11993	4346	16339
10	2035	ALT3	EB	NT	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	21098	8282	29380	63	50	3630	1425	5055
11	2035	ALT3	EB	NT	Mainline		San Bernardino Ave/4th St On-	23534	0.33	23450	8391	31841	62	50	7716	2761	10477
12	2035	ALT3	EB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	21883	8105	29988	63	50	5350	1982	7332
13	2035	ALT3	EB	NT	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	24329	8211	32540	64	50	4681	1580	6261
14	2035	ALT3	EB	NT	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	20100	7847	27947	64	50	6804	2656	9460
15	2035	ALT3	EB	NT	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	24297	8397	32694	63	50	9478	3276	12754
16	2035	ALT3	EB	NT	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	25470	8485	33955	63	50	5685	1894	7579
17	2035	ALT3	EB	NT	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	23378	8139	31517	62	50	9725	3386	13111
18	2035	ALT3	EB	NT	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	25562	8239	33801	63	50	7981	2572	10553
19	2035	ALT3	EB	NT	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	26601	8418	35019	63	50	5962	1887	7849
20	2035	ALT3	EB	NT	Mainline		Milliken Ave Off-Ramp to Milli	23622	0.53	24430	8021	32451	63	50	12955	4254	17209
21	2035	ALT3	EB	NT	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	26542	8281	34823	63	50	1410	440	1850
22	2035	ALT3	EB	NT	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	19784	4257	24041	64	50	4913	1057	5970
23	2035	ALT3	EB	NT	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	16134	3727	19861	63	50	4948	1143	6091
24	2035	ALT3	EB	NT	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	21020	4136	25156	63	50	4554	896	5450
25	2035	ALT3	EB	NT	Mainline		I-15 SB On-Ramp to Etiwanda	24162	0.14	21598	4179	25777	63	50	3040	588	3628
26	2035	ALT3	EB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	20934	3864	24798	64	50	26786	4944	31730
27	2035	ALT3	EB	NT	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	21624	3995	25619	64	50	19991	3693	23684
28	2035	ALT3	EB	NT	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	17559	3490	21049	64	50	10697	2126	12823
29	2035	ALT3	EB	NT	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	20101	3734	23835	64	50	7165	1331	8496
30	2035	ALT3	EB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	19375	3621	22996	64	50	12271	2293	14564
31	2035	ALT3	EB	NT	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	20187	3709	23896	64	50	9046	1662	10708
32	2035	ALT3	EB	NT	Mainline		Citrus Ave Off-Ramp to Citrus	24532	0.54	18284	3613	21897	64	50	9795	1936	11731
33	2035	ALT3	EB	NT	Mainline		Citrus Ave On-Ramp to Sierra	24503	0.47	19617	3692	23309	64	50	9191	1730	10921
34	2035	ALT3	EB	NT	Mainline		Sierra Ave Off-Ramp to Sierra	24384	0.64	16599	3499	20098	64	50	10581	2230	12811
35	2035	ALT3	EB	NT	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	18504	3565	22069	64	50	5724	1103	6827
36	2035	ALT3	EB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	18504	3565	22069	64	50	6857	1321	8178
37	2035	ALT3	EB	NT	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	18504	3565	22069	64	50	9236	1779	11015
38	2035	ALT3	EB	NT	Mainline		Cedar Ave Off-Ramp to Cedar	24203	0.85	15434	3236	18670	64	50	13100	2747	15847
39	2035	ALT3	EB	NT	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	16384	3293	19677	64	50	13033	2619	15652
40	2035	ALT3	EB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	14780	3160	17940	64	50	8526	1823	10349
41	2035	ALT3	EB	NT	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	16675	3294	19969	64	50	3328	657	3985
42	2035	ALT3	EB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	14594	3202	17796	64	50	9628	2112	11740
43	2035	ALT3	EB	NT	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	15686	3249	18935	64	50	4087	847	4934
44	2035	ALT3	EB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	15686	3249	18935	64	50	6463	1339	7802
45	2035	ALT3	EB	NT	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	16111	3260	19371	64	50	2893	585	3478

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
46	2035	ALT3	EB	NT	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	14623	3144	17767	64	50	7741	1664	9405
47	2035	ALT3	EB	NT	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	15306	3172	18478	64	50	430	89	519
48	2035	ALT3	EB	NT	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	14189	3125	17314	64	50	8595	1893	10488
49	2035	ALT3	EB	NT	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	14835	3155	17990	64	50	718	153	871
50	2035	ALT3	EB	NT	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	12996	2946	15942	64	50	12241	2775	15016
51	2035	ALT3	EB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	21290	3794	25084	64	50	2334	416	2750
52	2035	ALT3	EB	NT	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	28449	4734	33183	63	50	3684	613	4297
53	2035	ALT3	EB	NT	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	25066	4411	29477	63	50	2725	479	3204
54	2035	ALT3	EB	NT	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	24942	4393	29335	62	50	15751	2774	18525
55	2035	ALT3	EB	NT	Mainline		Waterman Ave On-Ramp to An	24356	0.28	26320	4473	30793	63	50	7436	1264	8700
56	2035	ALT3	EB	NT	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	21679	4240	25919	63	50	8760	1713	10473
57	2035	ALT3	EB	NT	Mainline		Anderson St On-Ramp to Mour	24003	0.21	22704	4252	26956	64	50	4724	885	5609
58	2035	ALT3	EB	NT	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	20499	4066	24565	64	50	16203	3214	19417
59	2035	ALT3	EB	NT	Mainline		Mountain View Ave On-Ramp t	24040	0.18	23117	4169	27286	64	50	4243	765	5008
60	2035	ALT3	EB	NT	Mainline		California St Off-Ramp to Califc	24075	0.84	21415	3961	25376	64	50	18021	3333	21354
61	2035	ALT3	EB	NT	Mainline		California St On-Ramp to Alaba	24046	0.18	24697	4000	28697	64	50	4341	703	5044
62	2035	ALT3	EB	NT	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	22008	3817	25825	64	50	8617	1495	10112
63	2035	ALT3	EB	NT	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	19181	3652	22833	64	50	3388	645	4033
64	2035	ALT3	EB	NT	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	16710	3449	20159	64	50	10748	2219	12967
65	2035	ALT3	EB	NT	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	18213	3488	21701	63	50	3614	692	4306
66	2035	ALT3	EB	NT	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	21642	4266	25908	64	50	1095	216	1311
67	2035	ALT3	EB	NT	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	18623	4098	22721	63	50	8022	1765	9787
68	2035	ALT3	EB	NT	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	19831	4136	23967	64	50	5894	1229	7123
69	2035	ALT3	EB	NT	Mainline		University St Off-Ramp to Cypr	23724	0.80	16504	4018	20522	64	50	13129	3196	16325
70	2035	ALT3	EB	NT	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	17144	4031	21175	64	50	7848	1845	9693
71	2035	ALT3	EB	NT	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	13471	3995	17466	64	50	8757	2597	11354
72	2035	ALT3	EB	NT	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	14594	4017	18611	65	50	8610	2370	10980
73	2035	ALT3	EB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1404	63	1467	28	28	266	12	278
74	2035	ALT3	EB	NT	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1195	95	1290	19	19	154	12	166
75	2035	ALT3	EB	NT	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2630	133	2763	25	25	342	17	359
76	2035	ALT3	EB	NT	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2255	117	2372	18	18	422	22	444
77	2035	ALT3	EB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3028	116	3144	24	24	490	19	509
78	2035	ALT3	EB	NT	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2687	165	2852	18	18	313	19	332
79	2035	ALT3	EB	NT	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	4512	187	4699	20	20	661	27	688
80	2035	ALT3	EB	NT	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	1956	104	2060	18	18	684	36	720
81	2035	ALT3	EB	NT	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	3534	207	3741	28	28	1122	66	1188
82	2035	ALT3	EB	NT	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	2353	109	2462	19	19	553	26	579
83	2035	ALT3	EB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1567	286	1853	29	29	159	29	188
84	2035	ALT3	EB	NT	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2447	105	2552	30	30	307	13	320
85	2035	ALT3	EB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4230	363	4593	33	33	1230	106	1336
86	2035	ALT3	EB	NT	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	4196	550	4746	27	27	956	125	1081
87	2035	ALT3	EB	NT	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1173	88	1261	19	19	272	20	292
88	2035	ALT3	EB	NT	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2093	345	2438	29	29	297	49	346
89	2035	ALT3	EB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	998	100	1098	19	19	122	12	134
90	2035	ALT3	EB	NT	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1038	179	1217	19	19	290	50	340
91	2035	ALT3	EB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2170	397	2567	28	28	383	70	453
92	2035	ALT3	EB	NT	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2111	260	2371	17	17	408	50	458
93	2035	ALT3	EB	NT	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	6757	4024	10781	31	31	7501	4467	11968
94	2035	ALT3	EB	NT	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3649	531	4180	31	31	2105	306	2411

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
95	2035	ALT3	EB	NT	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	4885	410	5295	30	30	545	46	591
96	2035	ALT3	EB	NT	Ramp	ON	I-15 SB On-Ramp	23557	1.20	578	43	621	35	35	692	51	743
97	2035	ALT3	EB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	664	315	979	29	29	130	62	192
98	2035	ALT3	EB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	689	131	820	30	30	246	47	293
99	2035	ALT3	EB	NT	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4447	505	4952	33	33	907	103	1010
100	2035	ALT3	EB	NT	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2544	243	2787	29	29	784	75	859
101	2035	ALT3	EB	NT	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	726	113	839	35	35	250	39	289
102	2035	ALT3	EB	NT	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	813	87	900	30	30	240	26	266
103	2035	ALT3	EB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1903	96	1999	34	34	255	13	268
104	2035	ALT3	EB	NT	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1332	79	1411	20	20	357	21	378
105	2035	ALT3	EB	NT	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	3017	193	3210	29	29	354	23	377
106	2035	ALT3	EB	NT	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	1906	65	1971	18	18	56	2	58
107	2035	ALT3	EB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	1894	154	2048	26	26	678	55	733
108	2035	ALT3	EB	NT	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1288	47	1335	19	19	442	16	458
109	2035	ALT3	EB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	3076	222	3298	29	29	562	41	603
110	2035	ALT3	EB	NT	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	950	57	1007	20	20	391	23	414
111	2035	ALT3	EB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1604	133	1737	34	34	201	17	218
112	2035	ALT3	EB	NT	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	1895	134	2029	20	20	572	40	612
113	2035	ALT3	EB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2082	92	2174	26	26	636	28	664
114	2035	ALT3	EB	NT	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1092	47	1139	19	19	400	17	417
115	2035	ALT3	EB	NT	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2035	ALT3	EB	NT	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	426	11	437	20	20	136	4	140
117	2035	ALT3	EB	NT	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1488	116	1604	27	27	369	29	398
118	2035	ALT3	EB	NT	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	683	28	711	20	20	193	8	201
119	2035	ALT3	EB	NT	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1079	47	1126	28	28	454	20	474
120	2035	ALT3	EB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	646	30	676	20	20	168	8	176
121	2035	ALT3	EB	NT	Ramp	OFF	I-215 Off-Ramp	24444	0.24	1840	208	2048	35	35	433	49	482
122	2035	ALT3	EB	NT	Ramp	ON	I-215 NB On-Ramp	24630	0.87	8294	848	9142	33	33	7208	737	7945
123	2035	ALT3	EB	NT	Ramp	ON	I-215 SB On-Ramp	24516	0.76	7159	940	8099	33	33	5427	713	6140
124	2035	ALT3	EB	NT	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3382	323	3705	20	20	308	29	337
125	2035	ALT3	EB	NT	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	125	18	143	30	30	31	4	35
126	2035	ALT3	EB	NT	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1378	80	1458	19	19	192	11	203
127	2035	ALT3	EB	NT	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3201	232	3433	21	21	806	58	864
128	2035	ALT3	EB	NT	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1025	12	1037	19	19	105	1	106
129	2035	ALT3	EB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2204	187	2391	31	31	647	55	702
130	2035	ALT3	EB	NT	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	2618	103	2721	29	29	597	23	620
131	2035	ALT3	EB	NT	Ramp	OFF	California St Off-Ramp	94801	0.46	1702	208	1910	32	32	775	95	870
132	2035	ALT3	EB	NT	Ramp	ON	California St On-Ramp	95942	0.39	1209	39	1248	29	29	468	15	483
133	2035	ALT3	EB	NT	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2689	183	2872	30	30	1166	79	1245
134	2035	ALT3	EB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2826	165	2991	30	30	2338	136	2474
135	2035	ALT3	EB	NT	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2471	203	2674	31	31	848	70	918
136	2035	ALT3	EB	NT	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1503	39	1542	19	19	159	4	163
137	2035	ALT3	EB	NT	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	3429	778	4207	29	29	3639	826	4465
138	2035	ALT3	EB	NT	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2923	168	3091	24	24	260	15	275
139	2035	ALT3	EB	NT	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1207	39	1246	19	19	358	12	370
140	2035	ALT3	EB	NT	Ramp	OFF	University St Off-Ramp	94695	0.28	3326	119	3445	23	23	930	33	963
141	2035	ALT3	EB	NT	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	640	13	653	30	30	194	4	198
142	2035	ALT3	EB	NT	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1502	36	1538	33	33	413	10	423
143	2035	ALT3	EB	NT	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	1123	22	1145	30	30	423	8	431

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
144	2035	ALT3	EB	NT	HOT		LA County Line to Monte Vista	2664669	0.26	6762		6762	63	50	1733		1733
145	2035	ALT3	EB	NT	HOT		Monte Vista Ave Off-Ramp to M	2664669	0.68	6762		6762	63	50	4574		4574
146	2035	ALT3	EB	NT	HOT		Monte Vista Ave/Palo Verde St	2664669	0.03	6762		6762	63	50	197		197
147	2035	ALT3	EB	NT	HOT		Central Ave Off-Ramp to Centr	2664669	0.57	6762		6762	63	50	3868		3868
148	2035	ALT3	EB	NT	HOT		Central Ave On-Ramp to Moun	2664669	0.21	6762		6762	63	50	1406		1406
149	2035	ALT3	EB	NT	HOT		Mountain Ave Off-Ramp to Mc	2664669	0.34	6762		6762	63	50	2319		2319
150	2035	ALT3	EB	NT	HOT		Mountain Ave On-Ramp to Euc	2779098	0.48	6201		6201	64	50	2964		2964
151	2035	ALT3	EB	NT	HOT		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	6201		6201	64	50	4002		4002
152	2035	ALT3	EB	NT	HOT		Euclid Ave On-Ramp to San Ber	2779098	0.51	6201		6201	64	50	3174		3174
153	2035	ALT3	EB	NT	HOT		San Bernardino Ave/4th St Off-	2665612	0.17	4998		4998	64	50	860		860
154	2035	ALT3	EB	NT	HOT		San Bernardino Ave/4th St On-	2665612	0.33	4998		4998	64	50	1645		1645
155	2035	ALT3	EB	NT	HOT		Vineyard Ave Off-Ramp to Vine	2665612	0.24	4998		4998	64	50	1222		1222
156	2035	ALT3	EB	NT	HOT		Vineyard Ave On-Ramp to Arch	2665612	0.19	4998		4998	64	50	962		962
157	2035	ALT3	EB	NT	HOT		Archibald Ave Off-Ramp to Hol	2665612	0.34	4998		4998	64	50	1692		1692
158	2035	ALT3	EB	NT	HOT		Holt Blvd On-Ramp to Archibal	2665612	0.39	4998		4998	64	50	1950		1950
159	2035	ALT3	EB	NT	HOT		Archibald Ave On-Ramp to Hav	2665612	0.22	4998		4998	64	50	1115		1115
160	2035	ALT3	EB	NT	HOT		Haven Ave Off-Ramp to Haven	2665612	0.42	4998		4998	64	50	2079		2079
161	2035	ALT3	EB	NT	HOT		Haven Ave Loop On-Ramp to H	2778934	0.31	3811		3811	64	50	1190		1190
162	2035	ALT3	EB	NT	HOT		Haven Ave On-Ramp to Millike	2778934	0.22	3811		3811	64	50	854		854
163	2035	ALT3	EB	NT	HOT		Milliken Ave Off-Ramp to Millik	2778934	0.53	3811		3811	64	50	2021		2021
164	2035	ALT3	EB	NT	HOT		Milliken Ave Loop On-Ramp to	2778934	0.05	3811		3811	64	50	202		202
165	2035	ALT3	EB	NT	HOT		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	3811		3811	64	50	946		946
166	2035	ALT3	EB	NT	HOT		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	3811		3811	64	50	1169		1169
167	2035	ALT3	EB	NT	HOT		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	3811		3811	64	50	826		826
168	2035	ALT3	EB	NT	HOT		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	3811		3811	64	50	536		536
169	2035	ALT3	EB	NT	HOT		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	3811		3811	64	50	4876		4876
170	2035	ALT3	EB	NT	HOT		Etiwanda Ave On-Ramp to Che	2778934	0.92	3811		3811	64	50	3523		3523
171	2035	ALT3	EB	NT	HOT		Cherry Ave Off-Ramp to Cherry	2760156	0.61	3428		3428	64	50	2088		2088
172	2035	ALT3	EB	NT	HOT		Cherry Ave On-Ramp to Beach	2760156	0.36	3428		3428	64	50	1222		1222
173	2035	ALT3	EB	NT	HOT		Beach Ave Off-Ramp to Beach	2760156	0.63	3428		3428	64	50	2171		2171
174	2035	ALT3	EB	NT	HOT		BeachAve On-Ramp to Citrus A	2760156	0.45	3428		3428	64	50	1536		1536
175	2035	ALT3	EB	NT	HOT		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	3428		3428	64	50	1837		1837
176	2035	ALT3	EB	NT	HOT		Citrus Ave On-Ramp to Sierra A	2760156	0.47	3428		3428	64	50	1606		1606
177	2035	ALT3	EB	NT	HOT		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	3428		3428	64	50	2185		2185
178	2035	ALT3	EB	NT	HOT		Sierra Ave On-Ramp to Alder A	2760156	0.31	3428		3428	64	50	1060		1060
179	2035	ALT3	EB	NT	HOT		Alder Ave Off-Ramp to Alder A	2779122	0.37	3428		3428	64	50	1270		1270
180	2035	ALT3	EB	NT	HOT		Alder Ave On-Ramp to Cedar A	2779122	0.50	3428		3428	64	50	1711		1711
181	2035	ALT3	EB	NT	HOT		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	2816		2816	64	50	2390		2390
182	2035	ALT3	EB	NT	HOT		Cedar Ave On-Ramp to Riversic	2779122	0.80	2816		2816	64	50	2240		2240
183	2035	ALT3	EB	NT	HOT		Riverside Ave Off-Ramp to Rive	2779122	0.58	2816		2816	64	50	1624		1624
184	2035	ALT3	EB	NT	HOT		Riverside Ave On-Ramp to Pep	2779122	0.20	2816		2816	64	50	562		562
185	2035	ALT3	EB	NT	HOT		Pepper Ave Off-Ramp to Peppe	2779122	0.66	2816		2816	64	50	1858		1858
186	2035	ALT3	EB	NT	HOT		Pepper Ave On-Ramp to Ranch	2779122	0.26	2816		2816	64	50	734		734
187	2035	ALT3	EB	NT	HOT		Rancho Ave Off-Ramp to Ranch	2779122	0.41	2816		2816	64	50	1160		1160
188	2035	ALT3	EB	NT	HOT		Rancho Ave On-Ramp to La Ca	2779122	0.18	2816		2816	64	50	506		506
189	2035	ALT3	EB	NT	HOT		La Cadena Dr/9th St Off-Ramp	2779122	0.53	2816		2816	64	50	1491		1491
190	2035	ALT3	EB	NT	HOT		La Cadena Dr/9th St On-Ramp	2779122	0.03	2816		2816	64	50	79		79
191	2035	ALT3	EB	NT	HOT		Mt Vernon Ave Off-Ramp to M	2779128	0.61	2854		2854	64	50	1729		1729
192	2035	ALT3	EB	NT	HOT		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	2854		2854	64	50	138		138

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
193	2035	ALT3	EB	NT	HOT		I-215 Off-Ramp to I-215 NB On	2779128	0.94	2854		2854	64	50	2688		2688
194	2035	ALT3	EB	NT	HOT		I-215 NB On-Ramp to I-215 SB	2779128	0.11	2854		2854	64	50	313		313
195	2035	ALT3	EB	NT	HOT		I-215 SB On-Ramp to Redlands	2779128	0.13	2854		2854	64	50	370		370
196	2035	ALT3	EB	NT	HOT		Redlands Blvd Off-Ramp to Wa	2779128	0.11	2854		2854	64	50	310		310
197	2035	ALT3	EB	NT	HOT		Waterman Ave Off-Ramp to W	2779128	0.63	2854		2854	64	50	1802		1802
198	2035	ALT3	EB	NT	HOT		Waterman Ave On-Ramp to An	2779128	0.28	2854		2854	64	50	806		806
199	2035	ALT3	EB	NT	HOT		Anderson St Off-Ramp to Ande	2760301	0.40	4294		4294	64	50	1735		1735
200	2035	ALT3	EB	NT	HOT		Anderson St On-Ramp to Mour	2760301	0.21	4294		4294	64	50	893		893
201	2035	ALT3	EB	NT	HOT		Mountain View Ave Off-Ramp t	2760301	0.79	4294		4294	64	50	3394		3394
202	2035	ALT3	EB	NT	HOT		Mountain View Ave On-Ramp t	2760301	0.18	4294		4294	64	50	788		788
203	2035	ALT3	EB	NT	HOT		California St Off-Ramp to Califc	2760301	0.84	4294		4294	64	50	3614		3614
204	2035	ALT3	EB	NT	HOT		California St On-Ramp to Alaba	2731614	0.18	2221		2221	64	50	390		390
205	2035	ALT3	EB	NT	HOT		Alabama St Off-Ramp to SR-21	2731614	0.39	2221		2221	64	50	870		870
206	2035	ALT3	EB	NT	HOT		SR-210 NB Off-Ramp to Tennes	2731614	0.18	2221		2221	64	50	392		392
207	2035	ALT3	EB	NT	HOT		Tennessee St Off-Ramp to Ten	2731614	0.64	2221		2221	64	50	1429		1429
208	2035	ALT3	EB	NT	HOT		Tennessee St On-Ramp to SR-2	2731614	0.20	2221		2221	64	50	441		441
209	2035	ALT3	EB	NT	HOT		SR-210 SB On-Ramp to Eureka	2731614	0.05	2221		2221	64	50	112		112
210	2035	ALT3	EB	NT	HOT		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	2317		2317	64	50	998		998
211	2035	ALT3	EB	NT	HOT		Pearl Ave On-Ramp to Universi	2760225	0.30	2317		2317	64	50	689		689
212	2035	ALT3	EB	NT	HOT		University St Off-Ramp to Cypr	2760225	0.80	2317		2317	64	50	1843		1843
213	2035	ALT3	EB	NT	HOT		Cypress Ave On-Ramp to Ford	2760225	0.46	2317		2317	64	50	1061		1061
214	2035	ALT3	EB	NT	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2035	ALT3	EB	NT	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
216	2035	ALT3	WB	AM	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	25185	1457	26642	54	50	10128	586	10714
217	2035	ALT3	WB	AM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	23078	1436	24514	51	50	18029	1122	19151
218	2035	ALT3	WB	AM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	25313	1457	26770	54	50	12614	726	13340
219	2035	ALT3	WB	AM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	24584	1450	26034	42	42	18415	1086	19501
220	2035	ALT3	WB	AM	Mainline		University St On-Ramp to 6th S	23726	0.38	26825	1475	28300	50	50	10178	560	10738
221	2035	ALT3	WB	AM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	25431	1456	26887	41	41	9146	524	9670
222	2035	ALT3	WB	AM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	27303	1493	28796	49	49	10227	559	10786
223	2035	ALT3	WB	AM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	28729	1525	30254	44	44	4954	263	5217
224	2035	ALT3	WB	AM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	22449	836	23285	52	50	5983	223	6206
225	2035	ALT3	WB	AM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	21709	833	22542	53	50	3788	145	3933
226	2035	ALT3	WB	AM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	20585	823	21408	58	50	16115	644	16759
227	2035	ALT3	WB	AM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	24690	865	25555	58	50	6445	226	6671
228	2035	ALT3	WB	AM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	28743	986	29729	58	50	3497	120	3617
229	2035	ALT3	WB	AM	Mainline		California St Off-Ramp to Califc	24044	0.86	23786	964	24750	54	50	20502	831	21333
230	2035	ALT3	WB	AM	Mainline		California St On-Ramp to Mour	24077	0.19	24932	1033	25965	58	50	4798	199	4997
231	2035	ALT3	WB	AM	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	22454	1003	23457	56	50	4996	223	5219
232	2035	ALT3	WB	AM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	25030	1096	26126	58	50	5174	227	5401
233	2035	ALT3	WB	AM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	23190	1091	24281	47	47	17567	826	18393
234	2035	ALT3	WB	AM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	24604	1127	25731	53	50	2744	126	2870
235	2035	ALT3	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	22672	1095	23767	49	49	10788	521	11309
236	2035	ALT3	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	23619	1165	24784	54	50	6655	328	6983
237	2035	ALT3	WB	AM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	12696	776	13472	60	50	8920	545	9465
238	2035	ALT3	WB	AM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	13723	813	14536	60	50	2872	170	3042
239	2035	ALT3	WB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	14156	821	14977	59	50	2590	150	2740
240	2035	ALT3	WB	AM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	18676	926	19602	59	50	3460	172	3632
241	2035	ALT3	WB	AM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	17355	910	18265	58	50	12606	661	13267

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
242	2035	ALT3	WB	AM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	20578	947	21525	59	50	953	44	997
243	2035	ALT3	WB	AM	Mainline		9th St Off-Ramp to La Cadena [	24601	0.62	19372	933	20305	56	50	12001	578	12579
244	2035	ALT3	WB	AM	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	20126	959	21085	59	50	1773	84	1857
245	2035	ALT3	WB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	19213	949	20162	56	50	11224	554	11778
246	2035	ALT3	WB	AM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	20714	977	21691	58	50	8631	407	9038
247	2035	ALT3	WB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	19312	951	20263	56	50	11484	566	12050
248	2035	ALT3	WB	AM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	20723	971	21694	58	50	3528	165	3693
249	2035	ALT3	WB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	18560	923	19483	60	50	10954	545	11499
250	2035	ALT3	WB	AM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	21525	1017	22542	58	50	18353	867	19220
251	2035	ALT3	WB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	19872	957	20829	55	50	14438	695	15133
252	2035	ALT3	WB	AM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	22782	1012	23794	57	50	11935	530	12465
253	2035	ALT3	WB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	22782	1012	23794	57	50	8548	380	8928
254	2035	ALT3	WB	AM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	22782	1012	23794	57	50	8240	366	8606
255	2035	ALT3	WB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	20676	983	21659	54	50	14265	678	14943
256	2035	ALT3	WB	AM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	22621	1015	23636	57	50	8815	396	9211
257	2035	ALT3	WB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	21306	975	22281	53	50	11485	526	12011
258	2035	ALT3	WB	AM	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	24759	1049	25808	58	50	10354	439	10793
259	2035	ALT3	WB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	23807	1018	24825	59	50	15012	642	15654
260	2035	ALT3	WB	AM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	25763	1072	26835	57	50	10162	423	10585
261	2035	ALT3	WB	AM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	22717	966	23683	56	50	12504	532	13036
262	2035	ALT3	WB	AM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	24804	1063	25867	58	50	31451	1348	32799
263	2035	ALT3	WB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	23320	990	24310	55	50	15836	672	16508
264	2035	ALT3	WB	AM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	24437	1057	25494	44	44	6361	275	6636
265	2035	ALT3	WB	AM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	24935	1093	26028	52	50	3318	145	3463
266	2035	ALT3	WB	AM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	19829	977	20806	54	50	11249	554	11803
267	2035	ALT3	WB	AM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	26528	1141	27669	49	49	3527	152	3679
268	2035	ALT3	WB	AM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	29562	1249	30811	58	50	610	26	636
269	2035	ALT3	WB	AM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	26200	1146	27346	50	50	15206	665	15871
270	2035	ALT3	WB	AM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	27045	1237	28282	48	48	6751	309	7060
271	2035	ALT3	WB	AM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	23675	1137	24812	46	46	9736	468	10204
272	2035	ALT3	WB	AM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	24094	1172	25266	45	45	6956	338	7294
273	2035	ALT3	WB	AM	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	24847	1212	26059	52	50	6792	331	7123
274	2035	ALT3	WB	AM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	23359	1182	24541	54	50	7580	384	7964
275	2035	ALT3	WB	AM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	19190	1029	20219	59	50	12006	644	12650
276	2035	ALT3	WB	AM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	20984	1114	22098	61	50	3211	170	3381
277	2035	ALT3	WB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	18883	1066	19949	59	50	6828	385	7213
278	2035	ALT3	WB	AM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	19481	1133	20614	59	50	3707	216	3923
279	2035	ALT3	WB	AM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	20204	1154	21358	55	50	7352	420	7772
280	2035	ALT3	WB	AM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	18014	1092	19106	57	50	6999	424	7423
281	2035	ALT3	WB	AM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	21391	1163	22554	53	50	5541	301	5842
282	2035	ALT3	WB	AM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	19499	1118	20617	56	50	7769	445	8214
283	2035	ALT3	WB	AM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	21159	1139	22298	53	50	7598	409	8007
284	2035	ALT3	WB	AM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	23035	1168	24203	50	50	9742	494	10236
285	2035	ALT3	WB	AM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	20931	1020	21951	54	50	6832	333	7165
286	2035	ALT3	WB	AM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	21956	1048	23004	52	50	6025	288	6313
287	2035	ALT3	WB	AM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	19791	997	20788	55	50	10419	525	10944
288	2035	ALT3	WB	AM	Mainline		Central Ave On-Ramp to Mont	23492	0.05	21855	1037	22892	58	50	1103	52	1155
289	2035	ALT3	WB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	20347	977	21324	55	50	11394	547	11941
290	2035	ALT3	WB	AM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	2106	22	2128	32	32	1132	12	1144

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
291	2035	ALT3	WB	AM	Ramp	ON	Ford St On-Ramp	94684	0.23	2311	21	2332	24	24	522	5	527
292	2035	ALT3	WB	AM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	730	6	736	31	31	202	2	204
293	2035	ALT3	WB	AM	Ramp	ON	University St On-Ramp	94674	0.21	2242	24	2266	9	9	474	5	479
294	2035	ALT3	WB	AM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1396	18	1414	20	20	369	5	374
295	2035	ALT3	WB	AM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	1874	36	1910	12	12	361	7	368
296	2035	ALT3	WB	AM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1426	32	1458	15	15	224	5	229
297	2035	ALT3	WB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	6281	688	6969	24	24	5430	595	6025
298	2035	ALT3	WB	AM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	740	3	743	26	26	50		50
299	2035	ALT3	WB	AM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	1124	10	1134	28	28	406	4	410
300	2035	ALT3	WB	AM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4104	42	4146	28	28	4094	42	4136
301	2035	ALT3	WB	AM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	4053	121	4174	15	15	484	14	498
302	2035	ALT3	WB	AM	Ramp	OFF	California St Off-Ramp	94793	0.13	2140	22	2162	17	17	277	3	280
303	2035	ALT3	WB	AM	Ramp	ON	California St On-Ramp	2676730	0.11	1146	69	1215	28	28	131	8	139
304	2035	ALT3	WB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2477	31	2508	11	11	289	4	293
305	2035	ALT3	WB	AM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2369	93	2462	24	24	323	13	336
306	2035	ALT3	WB	AM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1840	5	1845	13	13	400	1	401
307	2035	ALT3	WB	AM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	1413	36	1449	14	14	175	4	179
308	2035	ALT3	WB	AM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1932	32	1964	11	11	471	8	479
309	2035	ALT3	WB	AM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	947	70	1017	16	16	125	9	134
310	2035	ALT3	WB	AM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	10923	389	11312	18	18	1917	68	1985
311	2035	ALT3	WB	AM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1027	37	1064	16	16	339	12	351
312	2035	ALT3	WB	AM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	434	8	442	24	24	231	4	235
313	2035	ALT3	WB	AM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4519	105	4624	30	30	1937	45	1982
314	2035	ALT3	WB	AM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1321	16	1337	21	21	319	4	323
315	2035	ALT3	WB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1503	37	1540	19	19	395	10	405
316	2035	ALT3	WB	AM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1206	14	1220	22	22	257	3	260
317	2035	ALT3	WB	AM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	754	25	779	18	18	236	8	244
318	2035	ALT3	WB	AM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	914	9	923	24	24	245	2	247
319	2035	ALT3	WB	AM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1502	28	1530	19	19	479	9	488
320	2035	ALT3	WB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1402	26	1428	20	20	251	5	256
321	2035	ALT3	WB	AM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1410	20	1430	15	15	478	7	485
322	2035	ALT3	WB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2163	48	2211	11	11	231	5	236
323	2035	ALT3	WB	AM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2965	94	3059	27	27	926	29	955
324	2035	ALT3	WB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1653	60	1713	27	27	216	8	224
325	2035	ALT3	WB	AM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2910	55	2965	16	16	1197	23	1220
326	2035	ALT3	WB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	1091	23	1114	23	23	377	8	385
327	2035	ALT3	WB	AM	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1809	28	1837	13	13	655	10	665
328	2035	ALT3	WB	AM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2144	34	2178	26	26	249	4	253
329	2035	ALT3	WB	AM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1945	32	1977	18	18	476	8	484
330	2035	ALT3	WB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1315	40	1355	28	28	142	4	146
331	2035	ALT3	WB	AM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3454	73	3527	27	27	1033	22	1055
332	2035	ALT3	WB	AM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	951	31	982	34	34	278	9	287
333	2035	ALT3	WB	AM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1955	55	2010	28	28	675	19	694
334	2035	ALT3	WB	AM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3046	106	3152	29	29	394	14	408
335	2035	ALT3	WB	AM	Ramp	ON	Cherry On-Ramp	95966	0.28	3701	97	3798	26	26	1035	27	1062
336	2035	ALT3	WB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1484	73	1557	24	24	752	37	789
337	2035	ALT3	WB	AM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1117	67	1184	30	30	215	13	228
338	2035	ALT3	WB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	498	36	534	29	29	182	13	195
339	2035	ALT3	WB	AM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	5106	116	5222	42	42	1438	33	1471

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
340	2035	ALT3	WB	AM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6699	164	6863	26	26	4215	103	4318
341	2035	ALT3	WB	AM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	3034	108	3142	22	22	3042	108	3150
342	2035	ALT3	WB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	3362	103	3465	19	19	676	21	697
343	2035	ALT3	WB	AM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	845	91	936	16	16	149	16	165
344	2035	ALT3	WB	AM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	3371	99	3470	19	19	590	17	607
345	2035	ALT3	WB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	533	35	568	18	18	51	3	54
346	2035	ALT3	WB	AM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	753	40	793	17	17	146	8	154
347	2035	ALT3	WB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1488	31	1519	16	16	270	6	276
348	2035	ALT3	WB	AM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4170	152	4322	22	22	2403	88	2491
349	2035	ALT3	WB	AM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	1796	84	1880	26	26	329	15	344
350	2035	ALT3	WB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2102	48	2150	32	32	676	15	691
351	2035	ALT3	WB	AM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	599	67	666	18	18	95	11	106
352	2035	ALT3	WB	AM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	722	21	743	19	19	147	4	151
353	2035	ALT3	WB	AM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	2190	62	2252	26	26	554	16	570
354	2035	ALT3	WB	AM	Ramp	ON	4th St On-Ramp	2731498	0.26	3377	71	3448	14	14	870	18	888
355	2035	ALT3	WB	AM	Ramp	OFF	7th St Off-Ramp	94628	0.20	1531	45	1576	18	18	311	9	320
356	2035	ALT3	WB	AM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1659	21	1680	14	14	395	5	400
357	2035	ALT3	WB	AM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	1877	29	1906	12	12	709	11	720
358	2035	ALT3	WB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2105	147	2252	10	10	293	20	313
359	2035	ALT3	WB	AM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2114	28	2142	10	10	429	6	435
360	2035	ALT3	WB	AM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2164	51	2215	11	11	289	7	296
361	2035	ALT3	WB	AM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2063	40	2103	11	11	250	5	255
362	2035	ALT3	WB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1509	59	1568	18	18	341	13	354
363	2035	ALT3	WB	AM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1472	19	1491	15	15	486	6	492
364	2035	ALT3	WB	AM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O		0.40					50			
365	2035	ALT3	WB	AM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar		0.78					50			
366	2035	ALT3	WB	AM	HOT		Ford St On-Ramp to Cypress Av	2731628	0.50	4011		4011	50	50	1999		1999
367	2035	ALT3	WB	AM	HOT		Cypress Ave Off-Ramp to Unive	2731628	0.75	4011		4011	50	50	3005		3005
368	2035	ALT3	WB	AM	HOT		University St On-Ramp to 6th S	2731628	0.38	4011		4011	50	50	1522		1522
369	2035	ALT3	WB	AM	HOT		6th St Off-Ramp to Orange St L	2731628	0.36	4011		4011	50	50	1442		1442
370	2035	ALT3	WB	AM	HOT		Orange St Loop On-Ramp to Or	2731626	0.37	4011		4011	50	50	1502		1502
371	2035	ALT3	WB	AM	HOT		Orange St On-Ramp to SR-210	2731626	0.17	4011		4011	50	50	692		692
372	2035	ALT3	WB	AM	HOT		SR-210 Off-Ramp to Tennessee	2731626	0.27	4011		4011	50	50	1069		1069
373	2035	ALT3	WB	AM	HOT		Tennessee St Off-Ramp to Alab	2731626	0.17	4011		4011	50	50	700		700
374	2035	ALT3	WB	AM	HOT		Alabama St Off-Ramp to SR-21	2731626	0.78	4011		4011	50	50	3140		3140
375	2035	ALT3	WB	AM	HOT		SR-210 SB On-Ramp to Alabam	2731626	0.26	4011		4011	50	50	1047		1047
376	2035	ALT3	WB	AM	HOT		Alabama St On-Ramp to Califor	2731626	0.12	4011		4011	50	50	488		488
377	2035	ALT3	WB	AM	HOT		California St Off-Ramp to Califc	2731613	0.86	6828		6828	56	50	5885		5885
378	2035	ALT3	WB	AM	HOT		California St On-Ramp to Mour	2731613	0.19	6828		6828	56	50	1314		1314
379	2035	ALT3	WB	AM	HOT		Mountain View Ave Off-Ramp t	2779137	0.22	6621		6621	57	50	1473		1473
380	2035	ALT3	WB	AM	HOT		Mountain View Ave On-Ramp t	2779137	0.21	6621		6621	57	50	1369		1369
381	2035	ALT3	WB	AM	HOT		Tippecanoe Ave Off-Ramp to T	2779137	0.76	6621		6621	57	50	5016		5016
382	2035	ALT3	WB	AM	HOT		Tippecanoe Ave On-Ramp to H	2779137	0.11	6621		6621	57	50	738		738
383	2035	ALT3	WB	AM	HOT		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	6621		6621	57	50	3151		3151
384	2035	ALT3	WB	AM	HOT		Hospitality Ln/ Carnegie Dr On-	2779137	0.28	6621		6621	57	50	1866		1866
385	2035	ALT3	WB	AM	HOT		I-215 NB Off-Ramp to Sunwest	2779137	0.70	6621		6621	57	50	4652		4652
386	2035	ALT3	WB	AM	HOT		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	6621		6621	57	50	1386		1386
387	2035	ALT3	WB	AM	HOT		I-215 NB On-Ramp to I-215 SB	2779137	0.18	6621		6621	57	50	1211		1211
388	2035	ALT3	WB	AM	HOT		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	6621		6621	57	50	1227		1227

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
389	2035	ALT3	WB	AM	HOT		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	6621		6621	57	50	4809		4809
390	2035	ALT3	WB	AM	HOT		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	4901		4901	60	50	227		227
391	2035	ALT3	WB	AM	HOT		9th St Off-Ramp to La Cadena I	2779131	0.62	4901		4901	60	50	3036		3036
392	2035	ALT3	WB	AM	HOT		La Cadena Dr On-Ramp to Ran	2779131	0.09	4901		4901	60	50	432		432
393	2035	ALT3	WB	AM	HOT		Rancho Ave Off-Ramp to Ranch	2779131	0.58	4901		4901	60	50	2863		2863
394	2035	ALT3	WB	AM	HOT		Rancho Ave On-Ramp to Peppe	2779131	0.42	4901		4901	60	50	2042		2042
395	2035	ALT3	WB	AM	HOT		Pepper Ave Off-Ramp to Peppe	2779131	0.59	4901		4901	60	50	2914		2914
396	2035	ALT3	WB	AM	HOT		Pepper Ave On-Ramp to Rivers	2779131	0.17	4901		4901	60	50	834		834
397	2035	ALT3	WB	AM	HOT		Riverside Ave Off-Ramp to Rive	2779131	0.59	4901		4901	60	50	2892		2892
398	2035	ALT3	WB	AM	HOT		Riverside Ave On-Ramp to Ced	2779131	0.85	4901		4901	60	50	4179		4179
399	2035	ALT3	WB	AM	HOT		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	4901		4901	60	50	3561		3561
400	2035	ALT3	WB	AM	HOT		Cedar Ave On-Ramp to Alder A	2779131	0.52	4901		4901	60	50	2568		2568
401	2035	ALT3	WB	AM	HOT		Alder Ave Off-Ramp to Alder A	2731555	0.38	4901		4901	60	50	1839		1839
402	2035	ALT3	WB	AM	HOT		Alder Ave On-Ramp to Alder Av	2731555	0.36	4901		4901	60	50	1773		1773
403	2035	ALT3	WB	AM	HOT		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	5580		5580	59	50	3850		3850
404	2035	ALT3	WB	AM	HOT		Sierra Ave On-Ramp to Citrus A	2731555	0.39	5580		5580	59	50	2174		2174
405	2035	ALT3	WB	AM	HOT		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	5580		5580	59	50	3008		3008
406	2035	ALT3	WB	AM	HOT		Citrus Ave On-Ramp to Beach C	2731555	0.42	5580		5580	59	50	2334		2334
407	2035	ALT3	WB	AM	HOT		Beach Ave Off-Ramp to Beach	2731555	0.63	5580		5580	59	50	3519		3519
408	2035	ALT3	WB	AM	HOT		Beach Ave On-Ramp to Cherry	2731555	0.39	5580		5580	59	50	2201		2201
409	2035	ALT3	WB	AM	HOT		Cherry Off-Ramp to Cherry On-	2731555	0.55	5580		5580	59	50	3071		3071
410	2035	ALT3	WB	AM	HOT		Cherry On-Ramp to Etiwanda A	2779119	1.27	7193		7193	56	50	9120		9120
411	2035	ALT3	WB	AM	HOT		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	7193		7193	56	50	4885		4885
412	2035	ALT3	WB	AM	HOT		Etiwanda Ave Loop On-Ramp t	2779119	0.26	7193		7193	56	50	1872		1872
413	2035	ALT3	WB	AM	HOT		Etiwanda Ave On-Ramp to I-15	2779119	0.13	7193		7193	56	50	957		957
414	2035	ALT3	WB	AM	HOT		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	7193		7193	56	50	4081		4081
415	2035	ALT3	WB	AM	HOT		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	7193		7193	56	50	956		956
416	2035	ALT3	WB	AM	HOT		I-15 NB On-Ramp to Milliken A	2779119	0.02	7193		7193	56	50	149		149
417	2035	ALT3	WB	AM	HOT		Milliken Ave Off-Ramp to Millik	2779119	0.58	7193		7193	56	50	4175		4175
418	2035	ALT3	WB	AM	HOT		Milliken Ave On-Ramp to Have	2779119	0.25	7193		7193	56	50	1796		1796
419	2035	ALT3	WB	AM	HOT		Haven Ave Off-Ramp to Haven	2779119	0.41	7193		7193	56	50	2958		2958
420	2035	ALT3	WB	AM	HOT		Haven Ave Loop On-Ramp to H	2779113	0.29	7307		7307	60	50	2110		2110
421	2035	ALT3	WB	AM	HOT		Haven Ave On-Ramp to Archiba	2779113	0.27	7307		7307	60	50	1997		1997
422	2035	ALT3	WB	AM	HOT		Archibald Ave Off-Ramp to Hol	2779113	0.32	7307		7307	60	50	2371		2371
423	2035	ALT3	WB	AM	HOT		Holt Blvd Off-Ramp to Archibal	2779113	0.63	7307		7307	60	50	4571		4571
424	2035	ALT3	WB	AM	HOT		Archibald Ave On-Ramp to Vine	2779113	0.15	7307		7307	60	50	1118		1118
425	2035	ALT3	WB	AM	HOT		Vineyard Ave Off-Ramp to Vine	2779113	0.36	7307		7307	60	50	2642		2642
426	2035	ALT3	WB	AM	HOT		Vineyard Ave Loop On-Ramp to	2779113	0.19	7307		7307	60	50	1391		1391
427	2035	ALT3	WB	AM	HOT		Vineyard Ave On-Ramp to 4th S	2779113	0.36	7307		7307	60	50	2659		2659
428	2035	ALT3	WB	AM	HOT		4th St Off-Ramp to 4th St On-R	2779113	0.39	7307		7307	60	50	2839		2839
429	2035	ALT3	WB	AM	HOT		4th St On-Ramp to 7th St Off-R	2779113	0.26	7307		7307	60	50	1893		1893
430	2035	ALT3	WB	AM	HOT		7th St Off-Ramp to Euclid Ave I	2779107	0.40	7668		7668	56	50	3055		3055
431	2035	ALT3	WB	AM	HOT		Euclid Ave Loop On-Ramp to Eu	2779107	0.36	7668		7668	56	50	2754		2754
432	2035	ALT3	WB	AM	HOT		Euclid Ave On-Ramp to Mounta	2779107	0.42	7668		7668	56	50	3243		3243
433	2035	ALT3	WB	AM	HOT		Mountain Ave Off-Ramp to Mo	2760177	0.33	8757		8757	54	50	2858		2858
434	2035	ALT3	WB	AM	HOT		Mountain Ave On-Ramp to Cer	2760177	0.27	8757		8757	54	50	2403		2403
435	2035	ALT3	WB	AM	HOT		Central Ave Off-Ramp to Centr	2760177	0.53	8757		8757	54	50	4610		4610
436	2035	ALT3	WB	AM	HOT		Central Ave On-Ramp to Monte	2760177	0.05	8757		8757	54	50	442		442
437	2035	ALT3	WB	AM	HOT		Monte Vista Ave Off-Ramp to M	2760177	0.56	8757		8757	54	50	4904		4904

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
216	2035	ALT3	WB	MD	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	26211	3849	30060	62	50	10541	1548	12089
217	2035	ALT3	WB	MD	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	24630	3816	28446	61	50	19242	2981	22223
218	2035	ALT3	WB	MD	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	32724	3883	36607	61	50	16307	1935	18242
219	2035	ALT3	WB	MD	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	31662	3864	35526	57	50	23717	2894	26611
220	2035	ALT3	WB	MD	Mainline		University St On-Ramp to 6th S	23726	0.38	35709	3975	39684	59	50	13549	1508	15057
221	2035	ALT3	WB	MD	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	33552	3916	37468	57	50	12066	1408	13474
222	2035	ALT3	WB	MD	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	37322	4002	41324	59	50	13980	1499	15479
223	2035	ALT3	WB	MD	Mainline		Orange St On-Ramp to SR-210	24215	0.17	39598	4119	43717	58	50	6829	710	7539
224	2035	ALT3	WB	MD	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	29988	2414	32402	59	50	7993	643	8636
225	2035	ALT3	WB	MD	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	28587	2394	30981	60	50	4988	418	5406
226	2035	ALT3	WB	MD	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	27328	2373	29701	62	50	21394	1858	23252
227	2035	ALT3	WB	MD	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	31849	2474	34323	63	50	8314	646	8960
228	2035	ALT3	WB	MD	Mainline		Alabama St On-Ramp to Califor	24057	0.12	39632	2775	42407	62	50	4822	338	5160
229	2035	ALT3	WB	MD	Mainline		California St Off-Ramp to Califc	24044	0.86	33400	2731	36131	61	50	28789	2354	31143
230	2035	ALT3	WB	MD	Mainline		California St On-Ramp to Mour	24077	0.19	36864	2917	39781	62	50	7094	561	7655
231	2035	ALT3	WB	MD	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	33498	2823	36321	61	50	7453	628	8081
232	2035	ALT3	WB	MD	Mainline		Mountain View Ave On-Ramp t	23990	0.21	38158	3085	41243	61	50	7888	638	8526
233	2035	ALT3	WB	MD	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	35991	3066	39057	55	50	27265	2323	29588
234	2035	ALT3	WB	MD	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	39653	3159	42812	57	50	4422	352	4774
235	2035	ALT3	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	36892	3056	39948	55	50	17555	1454	19009
236	2035	ALT3	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	39938	3220	43158	57	50	11254	907	12161
237	2035	ALT3	WB	MD	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	21463	1830	23293	61	50	15079	1286	16365
238	2035	ALT3	WB	MD	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	23648	1916	25564	61	50	4949	401	5350
239	2035	ALT3	WB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	24225	1937	26162	60	50	4432	354	4786
240	2035	ALT3	WB	MD	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	32083	2212	34295	60	50	5943	410	6353
241	2035	ALT3	WB	MD	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	29640	2162	31802	60	50	21530	1570	23100
242	2035	ALT3	WB	MD	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	32630	2255	34885	61	50	1512	104	1616
243	2035	ALT3	WB	MD	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	30186	2221	32407	59	50	18700	1376	20076
244	2035	ALT3	WB	MD	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	31549	2282	33831	61	50	2779	201	2980
245	2035	ALT3	WB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	29938	2259	32197	60	50	17489	1320	18809
246	2035	ALT3	WB	MD	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	32263	2332	34595	61	50	13442	972	14414
247	2035	ALT3	WB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	29567	2271	31838	60	50	17583	1350	18933
248	2035	ALT3	WB	MD	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	31550	2329	33879	61	50	5371	397	5768
249	2035	ALT3	WB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	27859	2181	30040	62	50	16442	1287	17729
250	2035	ALT3	WB	MD	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	32829	2414	35243	61	50	27991	2058	30049
251	2035	ALT3	WB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	30111	2306	32417	59	50	21877	1675	23552
252	2035	ALT3	WB	MD	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	33775	2470	36245	61	50	17695	1294	18989
253	2035	ALT3	WB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	33775	2470	36245	61	50	12672	927	13599
254	2035	ALT3	WB	MD	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	33775	2470	36245	61	50	12216	893	13109
255	2035	ALT3	WB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	30767	2463	33230	59	50	21227	1699	22926
256	2035	ALT3	WB	MD	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	33611	2562	36173	61	50	13098	998	14096
257	2035	ALT3	WB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	31103	2465	33568	59	50	16765	1329	18094
258	2035	ALT3	WB	MD	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	35302	2645	37947	62	50	14763	1106	15869
259	2035	ALT3	WB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	33740	2555	36295	62	50	21276	1611	22887
260	2035	ALT3	WB	MD	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	36936	2740	39676	62	50	14569	1081	15650
261	2035	ALT3	WB	MD	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	33270	2496	35766	61	50	18313	1374	19687
262	2035	ALT3	WB	MD	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	35769	2936	38705	62	50	45354	3723	49077
263	2035	ALT3	WB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	33387	2741	36128	61	50	22672	1861	24533
264	2035	ALT3	WB	MD	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	36713	2962	39675	55	50	9556	771	10327

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
265	2035	ALT3	WB	MD	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	37572	3109	40681	58	50	5000	414	5414
266	2035	ALT3	WB	MD	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	28412	2727	31139	59	50	16118	1547	17665
267	2035	ALT3	WB	MD	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	38332	3576	41908	58	50	5097	475	5572
268	2035	ALT3	WB	MD	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	43759	3903	47662	61	50	904	81	985
269	2035	ALT3	WB	MD	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	39461	3631	43092	57	50	22902	2107	25009
270	2035	ALT3	WB	MD	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	42467	3916	46383	56	50	10601	978	11579
271	2035	ALT3	WB	MD	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	39384	3674	43058	52	50	16197	1511	17708
272	2035	ALT3	WB	MD	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	36978	3803	40781	54	50	10676	1098	11774
273	2035	ALT3	WB	MD	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	39223	3981	43204	57	50	10721	1088	11809
274	2035	ALT3	WB	MD	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	37095	3868	40963	58	50	12037	1255	13292
275	2035	ALT3	WB	MD	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	30619	3411	34030	61	50	19156	2134	21290
276	2035	ALT3	WB	MD	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	35142	3872	39014	62	50	5377	592	5969
277	2035	ALT3	WB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	31158	3766	34924	61	50	11266	1362	12628
278	2035	ALT3	WB	MD	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	33396	3995	37391	60	50	6355	760	7115
279	2035	ALT3	WB	MD	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	34856	4028	38884	56	50	12684	1466	14150
280	2035	ALT3	WB	MD	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	29892	3864	33756	59	50	11614	1501	13115
281	2035	ALT3	WB	MD	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	35291	4094	39385	56	50	9142	1061	10203
282	2035	ALT3	WB	MD	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	32031	3971	36002	58	50	12761	1582	14343
283	2035	ALT3	WB	MD	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	33902	4023	37925	57	50	12174	1445	13619
284	2035	ALT3	WB	MD	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	37003	4112	41115	55	50	15650	1739	17389
285	2035	ALT3	WB	MD	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	32776	3823	36599	58	50	10699	1248	11947
286	2035	ALT3	WB	MD	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	36297	3912	40209	56	50	9960	1073	11033
287	2035	ALT3	WB	MD	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	32137	3785	35922	58	50	16919	1993	18912
288	2035	ALT3	WB	MD	Mainline		Central Ave On-Ramp to Monte	23492	0.05	35931	3913	39844	59	50	1813	197	2010
289	2035	ALT3	WB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	33383	3765	37148	57	50	18694	2108	20802
290	2035	ALT3	WB	MD	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1581	33	1614	34	34	850	18	868
291	2035	ALT3	WB	MD	Ramp	ON	Ford St On-Ramp	94684	0.23	3138	67	3205	27	27	708	15	723
292	2035	ALT3	WB	MD	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	1062	19	1081	32	32	295	5	300
293	2035	ALT3	WB	MD	Ramp	ON	University St On-Ramp	94674	0.21	4047	111	4158	11	11	856	23	879
294	2035	ALT3	WB	MD	Ramp	OFF	6th St Off-Ramp	94690	0.26	2157	59	2216	23	23	571	16	587
295	2035	ALT3	WB	MD	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3776	86	3862	12	12	728	17	745
296	2035	ALT3	WB	MD	Ramp	ON	Orange St On-Ramp	2676749	0.16	2276	117	2393	16	16	357	18	375
297	2035	ALT3	WB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	9611	1704	11315	26	26	8309	1473	9782
298	2035	ALT3	WB	MD	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	1400	21	1421	26	26	95	1	96
299	2035	ALT3	WB	MD	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	1260	20	1280	32	32	456	7	463
300	2035	ALT3	WB	MD	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4521	101	4622	29	29	4510	101	4611
301	2035	ALT3	WB	MD	Ramp	ON	Alabama St On-Ramp	2676731	0.12	7783	301	8084	16	16	930	36	966
302	2035	ALT3	WB	MD	Ramp	OFF	California St Off-Ramp	94793	0.13	1982	44	2026	29	29	256	6	262
303	2035	ALT3	WB	MD	Ramp	ON	California St On-Ramp	2676730	0.11	3464	186	3650	26	26	397	21	418
304	2035	ALT3	WB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	3365	94	3459	22	22	392	11	403
305	2035	ALT3	WB	MD	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	5186	262	5448	23	23	708	36	744
306	2035	ALT3	WB	MD	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	2168	19	2187	21	21	471	4	475
307	2035	ALT3	WB	MD	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3662	93	3755	11	11	453	11	464
308	2035	ALT3	WB	MD	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	2761	103	2864	17	17	674	25	699
309	2035	ALT3	WB	MD	Ramp	ON	Hospitality Ln/ Carnegie Dr On-	2676734	0.13	3046	164	3210	13	13	401	22	423
310	2035	ALT3	WB	MD	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	18475	1390	19865	25	25	3243	244	3487
311	2035	ALT3	WB	MD	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2185	86	2271	16	16	721	28	749
312	2035	ALT3	WB	MD	Ramp	ON	I-215 NB On-Ramp	24504	0.53	577	21	598	25	25	306	11	317
313	2035	ALT3	WB	MD	Ramp	ON	I-215 SB On-Ramp	24517	0.43	7857	276	8133	31	31	3367	118	3485

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
314	2035	ALT3	WB	MD	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2443	50	2493	22	22	590	12	602
315	2035	ALT3	WB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2792	93	2885	19	19	734	24	758
316	2035	ALT3	WB	MD	Ramp	OFF	9th St Off-Ramp	94928	0.21	2444	34	2478	22	22	522	7	529
317	2035	ALT3	WB	MD	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1363	61	1424	18	18	427	19	446
318	2035	ALT3	WB	MD	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1612	23	1635	25	25	432	6	438
319	2035	ALT3	WB	MD	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2325	73	2398	19	19	741	23	764
320	2035	ALT3	WB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2695	61	2756	20	20	483	11	494
321	2035	ALT3	WB	MD	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1983	58	2041	17	17	672	20	692
322	2035	ALT3	WB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	3691	148	3839	14	14	394	16	410
323	2035	ALT3	WB	MD	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	4970	233	5203	28	28	1552	73	1625
324	2035	ALT3	WB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	2718	108	2826	28	28	355	14	369
325	2035	ALT3	WB	MD	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3663	164	3827	18	18	1507	67	1574
326	2035	ALT3	WB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	2248	58	2306	22	22	777	20	797
327	2035	ALT3	WB	MD	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	2617	137	2754	15	15	948	50	998
328	2035	ALT3	WB	MD	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3712	86	3798	27	27	431	10	441
329	2035	ALT3	WB	MD	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2844	99	2943	19	19	696	24	720
330	2035	ALT3	WB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2508	97	2605	28	28	271	10	281
331	2035	ALT3	WB	MD	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	4199	180	4379	28	28	1255	54	1309
332	2035	ALT3	WB	MD	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1563	89	1652	34	34	457	26	483
333	2035	ALT3	WB	MD	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	3195	185	3380	29	29	1103	64	1167
334	2035	ALT3	WB	MD	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3665	244	3909	32	32	474	32	506
335	2035	ALT3	WB	MD	Ramp	ON	Cherry On-Ramp	95966	0.28	5035	440	5475	28	28	1409	123	1532
336	2035	ALT3	WB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	2383	194	2577	27	27	1207	98	1305
337	2035	ALT3	WB	MD	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	3326	221	3547	27	27	640	43	683
338	2035	ALT3	WB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	860	146	1006	29	29	315	53	368
339	2035	ALT3	WB	MD	Ramp	OFF	I-15 Off-Ramp	24554	0.28	9160	381	9541	43	43	2580	107	2687
340	2035	ALT3	WB	MD	Ramp	ON	I-15 SB On-Ramp	23554	0.63	9920	848	10768	29	29	6242	534	6776
341	2035	ALT3	WB	MD	Ramp	ON	I-15 NB On-Ramp	23572	1.00	5427	327	5754	24	24	5441	328	5769
342	2035	ALT3	WB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	4299	272	4571	24	24	865	55	920
343	2035	ALT3	WB	MD	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	3007	285	3292	12	12	531	50	581
344	2035	ALT3	WB	MD	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	3085	241	3326	26	26	540	42	582
345	2035	ALT3	WB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	1750	129	1879	17	17	167	12	179
346	2035	ALT3	WB	MD	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	2245	178	2423	15	15	436	35	471
347	2035	ALT3	WB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	2127	114	2241	21	21	386	21	407
348	2035	ALT3	WB	MD	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	6477	456	6933	27	27	3733	263	3996
349	2035	ALT3	WB	MD	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4524	461	4985	24	24	829	84	913
350	2035	ALT3	WB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	3985	106	4091	32	32	1281	34	1315
351	2035	ALT3	WB	MD	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	2238	229	2467	16	16	356	36	392
352	2035	ALT3	WB	MD	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1462	32	1494	19	19	297	7	304
353	2035	ALT3	WB	MD	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	4965	163	5128	25	25	1256	41	1297
354	2035	ALT3	WB	MD	Ramp	ON	4th St On-Ramp	2731498	0.26	5399	230	5629	16	16	1390	59	1449
355	2035	ALT3	WB	MD	Ramp	OFF	7th St Off-Ramp	94628	0.20	3207	123	3330	17	17	650	25	675
356	2035	ALT3	WB	MD	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1870	52	1922	17	17	446	12	458
357	2035	ALT3	WB	MD	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	3101	89	3190	14	14	1172	34	1206
358	2035	ALT3	WB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	4227	289	4516	10	10	588	40	628
359	2035	ALT3	WB	MD	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	3216	89	3305	14	14	653	18	671
360	2035	ALT3	WB	MD	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	4160	127	4287	12	12	555	17	572
361	2035	ALT3	WB	MD	Ramp	ON	Central Ave On-Ramp	2668754	0.12	3793	129	3922	12	12	459	16	475
362	2035	ALT3	WB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2548	149	2697	21	21	576	34	610

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Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
363	2035	ALT3	WB	MD	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2638	52	2690	16	16	871	17	888
364	2035	ALT3	WB	MD	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O		0.40					50			
365	2035	ALT3	WB	MD	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar		0.78					50			
366	2035	ALT3	WB	MD	HOT		Ford St On-Ramp to Cypress Av	2731628	0.50	4128		4128	60	50	2057		2057
367	2035	ALT3	WB	MD	HOT		Cypress Ave Off-Ramp to Unive	2731628	0.75	4128		4128	60	50	3092		3092
368	2035	ALT3	WB	MD	HOT		University St On-Ramp to 6th S	2731628	0.38	4128		4128	60	50	1566		1566
369	2035	ALT3	WB	MD	HOT		6th St Off-Ramp to Orange St L	2731628	0.36	4128		4128	60	50	1485		1485
370	2035	ALT3	WB	MD	HOT		Orange St Loop On-Ramp to Or	2731626	0.37	4134		4134	60	50	1549		1549
371	2035	ALT3	WB	MD	HOT		Orange St On-Ramp to SR-210	2731626	0.17	4134		4134	60	50	713		713
372	2035	ALT3	WB	MD	HOT		SR-210 Off-Ramp to Tennessee	2731626	0.27	4134		4134	60	50	1102		1102
373	2035	ALT3	WB	MD	HOT		Tennessee St Off-Ramp to Alab	2731626	0.17	4134		4134	60	50	721		721
374	2035	ALT3	WB	MD	HOT		Alabama St Off-Ramp to SR-21	2731626	0.78	4134		4134	60	50	3236		3236
375	2035	ALT3	WB	MD	HOT		SR-210 SB On-Ramp to Alabam	2731626	0.26	4134		4134	60	50	1079		1079
376	2035	ALT3	WB	MD	HOT		Alabama St On-Ramp to Califor	2731626	0.12	4134		4134	60	50	503		503
377	2035	ALT3	WB	MD	HOT		California St Off-Ramp to Califc	2731613	0.86	8384		8384	61	50	7227		7227
378	2035	ALT3	WB	MD	HOT		California St On-Ramp to Mour	2731613	0.19	8384		8384	61	50	1613		1613
379	2035	ALT3	WB	MD	HOT		Mountain View Ave Off-Ramp t	2779137	0.22	8909		8909	60	50	1982		1982
380	2035	ALT3	WB	MD	HOT		Mountain View Ave On-Ramp t	2779137	0.21	8909		8909	60	50	1842		1842
381	2035	ALT3	WB	MD	HOT		Tippecanoe Ave Off-Ramp to T	2779137	0.76	8909		8909	60	50	6749		6749
382	2035	ALT3	WB	MD	HOT		Tippecanoe Ave On-Ramp to H	2779137	0.11	8909		8909	60	50	993		993
383	2035	ALT3	WB	MD	HOT		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	8909		8909	60	50	4239		4239
384	2035	ALT3	WB	MD	HOT		Hospitality Ln/ Carnegie Dr On-	2779137	0.28	8909		8909	60	50	2510		2510
385	2035	ALT3	WB	MD	HOT		I-215 NB Off-Ramp to Sunwest	2779137	0.70	8909		8909	60	50	6259		6259
386	2035	ALT3	WB	MD	HOT		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	8909		8909	60	50	1864		1864
387	2035	ALT3	WB	MD	HOT		I-215 NB On-Ramp to I-215 SB	2779137	0.18	8909		8909	60	50	1630		1630
388	2035	ALT3	WB	MD	HOT		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	8909		8909	60	50	1650		1650
389	2035	ALT3	WB	MD	HOT		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	8909		8909	60	50	6471		6471
390	2035	ALT3	WB	MD	HOT		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	8711		8711	60	50	404		404
391	2035	ALT3	WB	MD	HOT		9th St Off-Ramp to La Cadena I	2779131	0.62	8711		8711	60	50	5396		5396
392	2035	ALT3	WB	MD	HOT		La Cadena Dr On-Ramp to Ranc	2779131	0.09	8711		8711	60	50	767		767
393	2035	ALT3	WB	MD	HOT		Rancho Ave Off-Ramp to Ranch	2779131	0.58	8711		8711	60	50	5089		5089
394	2035	ALT3	WB	MD	HOT		Rancho Ave On-Ramp to Peppe	2779131	0.42	8711		8711	60	50	3629		3629
395	2035	ALT3	WB	MD	HOT		Pepper Ave Off-Ramp to Peppe	2779131	0.59	8711		8711	60	50	5180		5180
396	2035	ALT3	WB	MD	HOT		Pepper Ave On-Ramp to Rivers	2779131	0.17	8711		8711	60	50	1483		1483
397	2035	ALT3	WB	MD	HOT		Riverside Ave Off-Ramp to Rive	2779131	0.59	8711		8711	60	50	5141		5141
398	2035	ALT3	WB	MD	HOT		Riverside Ave On-Ramp to Ced	2779131	0.85	8711		8711	60	50	7427		7427
399	2035	ALT3	WB	MD	HOT		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	8711		8711	60	50	6329		6329
400	2035	ALT3	WB	MD	HOT		Cedar Ave On-Ramp to Alder A	2779131	0.52	8711		8711	60	50	4564		4564
401	2035	ALT3	WB	MD	HOT		Alder Ave Off-Ramp to Alder A	2731555	0.38	8711		8711	60	50	3268		3268
402	2035	ALT3	WB	MD	HOT		Alder Ave On-Ramp to Alder Av	2731555	0.36	8711		8711	60	50	3151		3151
403	2035	ALT3	WB	MD	HOT		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	8376		8376	61	50	5779		5779
404	2035	ALT3	WB	MD	HOT		Sierra Ave On-Ramp to Citrus A	2731555	0.39	8376		8376	61	50	3264		3264
405	2035	ALT3	WB	MD	HOT		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	8376		8376	61	50	4515		4515
406	2035	ALT3	WB	MD	HOT		Citrus Ave On-Ramp to Beach (	2731555	0.42	8376		8376	61	50	3503		3503
407	2035	ALT3	WB	MD	HOT		Beach Ave Off-Ramp to Beach	2731555	0.63	8376		8376	61	50	5282		5282
408	2035	ALT3	WB	MD	HOT		Beach Ave On-Ramp to Cherry	2731555	0.39	8376		8376	61	50	3304		3304
409	2035	ALT3	WB	MD	HOT		Cherry Off-Ramp to Cherry On-	2731555	0.55	8376		8376	61	50	4610		4610
410	2035	ALT3	WB	MD	HOT		Cherry On-Ramp to Etiwanda A	2779119	1.27	10912		10912	59	50	13836		13836
411	2035	ALT3	WB	MD	HOT		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	10912		10912	59	50	7410		7410

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
412	2035	ALT3	WB	MD	HOT		Etiwanda Ave Loop On-Ramp t	2779119	0.26	10912		10912	59	50	2840		2840
413	2035	ALT3	WB	MD	HOT		Etiwanda Ave On-Ramp to I-15	2779119	0.13	10912		10912	59	50	1452		1452
414	2035	ALT3	WB	MD	HOT		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	10912		10912	59	50	6190		6190
415	2035	ALT3	WB	MD	HOT		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	10912		10912	59	50	1451		1451
416	2035	ALT3	WB	MD	HOT		I-15 NB On-Ramp to Milliken A	2779119	0.02	10912		10912	59	50	225		225
417	2035	ALT3	WB	MD	HOT		Milliken Ave Off-Ramp to Millik	2779119	0.58	10912		10912	59	50	6333		6333
418	2035	ALT3	WB	MD	HOT		Milliken Ave On-Ramp to Have	2779119	0.25	10912		10912	59	50	2724		2724
419	2035	ALT3	WB	MD	HOT		Haven Ave Off-Ramp to Haven	2779119	0.41	10912		10912	59	50	4488		4488
420	2035	ALT3	WB	MD	HOT		Haven Ave Loop On-Ramp to H	2779113	0.29	15067		15067	60	50	4350		4350
421	2035	ALT3	WB	MD	HOT		Haven Ave On-Ramp to Archib	2779113	0.27	15067		15067	60	50	4118		4118
422	2035	ALT3	WB	MD	HOT		Archibald Ave Off-Ramp to Hol	2779113	0.32	15067		15067	60	50	4889		4889
423	2035	ALT3	WB	MD	HOT		Holt Blvd Off-Ramp to Archibal	2779113	0.63	15067		15067	60	50	9426		9426
424	2035	ALT3	WB	MD	HOT		Archibald Ave On-Ramp to Vin	2779113	0.15	15067		15067	60	50	2305		2305
425	2035	ALT3	WB	MD	HOT		Vineyard Ave Off-Ramp to Vine	2779113	0.36	15067		15067	60	50	5448		5448
426	2035	ALT3	WB	MD	HOT		Vineyard Ave Loop On-Ramp to	2779113	0.19	15067		15067	60	50	2867		2867
427	2035	ALT3	WB	MD	HOT		Vineyard Ave On-Ramp to 4th	2779113	0.36	15067		15067	60	50	5483		5483
428	2035	ALT3	WB	MD	HOT		4th St Off-Ramp to 4th St On-R	2779113	0.39	15067		15067	60	50	5854		5854
429	2035	ALT3	WB	MD	HOT		4th St On-Ramp to 7th St Off-R	2779113	0.26	15067		15067	60	50	3903		3903
430	2035	ALT3	WB	MD	HOT		7th St Off-Ramp to Euclid Ave	2779107	0.40	15119		15119	56	50	6024		6024
431	2035	ALT3	WB	MD	HOT		Euclid Ave Loop On-Ramp to E	2779107	0.36	15119		15119	56	50	5429		5429
432	2035	ALT3	WB	MD	HOT		Euclid Ave On-Ramp to Mount	2779107	0.42	15119		15119	56	50	6394		6394
433	2035	ALT3	WB	MD	HOT		Mountain Ave Off-Ramp to Mc	2760177	0.33	14814		14814	57	50	4836		4836
434	2035	ALT3	WB	MD	HOT		Mountain Ave On-Ramp to Cer	2760177	0.27	14814		14814	57	50	4065		4065
435	2035	ALT3	WB	MD	HOT		Central Ave Off-Ramp to Centr	2760177	0.53	14814		14814	57	50	7799		7799
436	2035	ALT3	WB	MD	HOT		Central Ave On-Ramp to Mont	2760177	0.05	14814		14814	57	50	748		748
437	2035	ALT3	WB	MD	HOT		Monte Vista Ave Off-Ramp to M	2760177	0.56	14814		14814	57	50	8295		8295
216	2035	ALT3	WB	PM	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	19837	2290	22127	62	50	7978	921	8899
217	2035	ALT3	WB	PM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	18557	2270	20827	61	50	14497	1773	16270
218	2035	ALT3	WB	PM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	24868	2312	27180	60	50	12392	1152	13544
219	2035	ALT3	WB	PM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	24071	2301	26372	55	50	18031	1724	19755
220	2035	ALT3	WB	PM	Mainline		University St On-Ramp to 6th S	23726	0.38	26900	2368	29268	58	50	10206	898	11104
221	2035	ALT3	WB	PM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	25234	2329	27563	55	50	9075	838	9913
222	2035	ALT3	WB	PM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	28280	2372	30652	57	50	10593	889	11482
223	2035	ALT3	WB	PM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	30214	2455	32669	56	50	5210	423	5633
224	2035	ALT3	WB	PM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	20767	1220	21987	59	50	5535	325	5860
225	2035	ALT3	WB	PM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	20159	1210	21369	60	50	3518	211	3729
226	2035	ALT3	WB	PM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	19502	1192	20694	62	50	15268	933	16201
227	2035	ALT3	WB	PM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	23847	1279	25126	62	50	6225	334	6559
228	2035	ALT3	WB	PM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	29995	1435	31430	62	50	3649	175	3824
229	2035	ALT3	WB	PM	Mainline		California St Off-Ramp to Califo	24044	0.86	25087	1405	26492	60	50	21624	1211	22835
230	2035	ALT3	WB	PM	Mainline		California St On-Ramp to Mour	24077	0.19	29662	1515	31177	60	50	5708	292	6000
231	2035	ALT3	WB	PM	Mainline		Mountain View Ave Off-Ramp	24041	0.22	27460	1457	28917	58	50	6110	324	6434
232	2035	ALT3	WB	PM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	30833	1622	32455	59	50	6374	335	6709
233	2035	ALT3	WB	PM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	29609	1604	31213	49	49	22430	1215	23645
234	2035	ALT3	WB	PM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	33013	1637	34650	52	50	3681	183	3864
235	2035	ALT3	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	31290	1580	32870	46	46	14889	752	15641
236	2035	ALT3	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	34505	1672	36177	50	50	9723	471	10194
237	2035	ALT3	WB	PM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	20244	1092	21336	59	50	14223	767	14990
238	2035	ALT3	WB	PM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	22649	1137	23786	57	50	4740	238	4978

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
239	2035	ALT3	WB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	23209	1150	24359	57	50	4246	210	4456
240	2035	ALT3	WB	PM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	30968	1325	32293	55	50	5737	245	5982
241	2035	ALT3	WB	PM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	28946	1297	30243	53	50	21026	942	21968
242	2035	ALT3	WB	PM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	31816	1353	33169	56	50	1474	63	1537
243	2035	ALT3	WB	PM	Mainline		9th St Off-Ramp to La Cadena D	24601	0.62	30055	1337	31392	51	50	18619	828	19447
244	2035	ALT3	WB	PM	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	31476	1374	32850	56	50	2773	121	2894
245	2035	ALT3	WB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	29713	1357	31070	52	50	17357	793	18150
246	2035	ALT3	WB	PM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	31927	1401	33328	55	50	13302	584	13886
247	2035	ALT3	WB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	29451	1365	30816	52	50	17514	812	18326
248	2035	ALT3	WB	PM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	30910	1398	32308	56	50	5262	238	5500
249	2035	ALT3	WB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	27976	1323	29299	58	50	16511	781	17292
250	2035	ALT3	WB	PM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	32542	1445	33987	55	50	27747	1232	28979
251	2035	ALT3	WB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	28823	1355	30178	53	50	20941	984	21925
252	2035	ALT3	WB	PM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	31894	1448	33342	55	50	16709	759	17468
253	2035	ALT3	WB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	31894	1448	33342	55	50	11967	543	12510
254	2035	ALT3	WB	PM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	31894	1448	33342	55	50	11536	524	12060
255	2035	ALT3	WB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	28157	1430	29587	53	50	19426	987	20413
256	2035	ALT3	WB	PM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	30430	1478	31908	57	50	11858	576	12434
257	2035	ALT3	WB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	27256	1417	28673	54	50	14692	764	15456
258	2035	ALT3	WB	PM	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	30454	1512	31966	60	50	12736	632	13368
259	2035	ALT3	WB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	28446	1455	29901	61	50	17937	917	18854
260	2035	ALT3	WB	PM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	30716	1537	32253	59	50	12115	606	12721
261	2035	ALT3	WB	PM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	26948	1376	28324	58	50	14833	757	15590
262	2035	ALT3	WB	PM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	29816	1534	31350	60	50	37806	1945	39751
263	2035	ALT3	WB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	28125	1401	29526	58	50	19099	951	20050
264	2035	ALT3	WB	PM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	31126	1507	32633	47	47	8102	392	8494
265	2035	ALT3	WB	PM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	32397	1560	33957	53	50	4311	208	4519
266	2035	ALT3	WB	PM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	25853	1192	27045	55	50	14666	676	15342
267	2035	ALT3	WB	PM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	32871	1404	34275	53	50	4371	187	4558
268	2035	ALT3	WB	PM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	37365	1507	38872	59	50	772	31	803
269	2035	ALT3	WB	PM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	35168	1335	36503	50	50	20411	775	21186
270	2035	ALT3	WB	PM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	37853	1416	39269	45	45	9449	353	9802
271	2035	ALT3	WB	PM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	35305	1263	36568	37	37	14519	519	15038
272	2035	ALT3	WB	PM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	33687	1319	35006	42	42	9726	381	10107
273	2035	ALT3	WB	PM	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	35797	1360	37157	49	49	9785	372	10157
274	2035	ALT3	WB	PM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	33908	1318	35226	52	50	11003	428	11431
275	2035	ALT3	WB	PM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	29176	1044	30220	57	50	18253	653	18906
276	2035	ALT3	WB	PM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	34239	1109	35348	58	50	5239	170	5409
277	2035	ALT3	WB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	30100	1039	31139	56	50	10883	376	11259
278	2035	ALT3	WB	PM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	32019	1133	33152	54	50	6093	216	6309
279	2035	ALT3	WB	PM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	33769	1177	34946	45	45	12288	428	12716
280	2035	ALT3	WB	PM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	28750	1094	29844	53	50	11170	425	11595
281	2035	ALT3	WB	PM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	32866	1188	34054	47	47	8514	308	8822
282	2035	ALT3	WB	PM	Mainline		7th St Off-Ramp to Euclid Ave L	23447	0.40	29831	1139	30970	52	50	11885	454	12339
283	2035	ALT3	WB	PM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	31485	1165	32650	49	49	11306	418	11724
284	2035	ALT3	WB	PM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	33852	1206	35058	44	44	14317	510	14827
285	2035	ALT3	WB	PM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	30543	1049	31592	51	50	9970	342	10312
286	2035	ALT3	WB	PM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	32741	1087	33828	47	47	8984	298	9282
287	2035	ALT3	WB	PM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	29562	959	30521	53	50	15563	505	16068

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Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
288	2035	ALT3	WB	PM	Mainline		Central Ave On-Ramp to Mont	23492	0.05	32367	1020	33387	56	50	1633	51	1684
289	2035	ALT3	WB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	29508	938	30446	53	50	16524	525	17049
290	2035	ALT3	WB	PM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1280	20	1300	34	34	688	11	699
291	2035	ALT3	WB	PM	Ramp	ON	Ford St On-Ramp	94684	0.23	2382	42	2424	26	26	538	9	547
292	2035	ALT3	WB	PM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	796	12	808	32	32	221	3	224
293	2035	ALT3	WB	PM	Ramp	ON	University St On-Ramp	94674	0.21	2828	67	2895	10	10	598	14	612
294	2035	ALT3	WB	PM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1667	38	1705	21	21	441	10	451
295	2035	ALT3	WB	PM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3046	43	3089	9	9	587	8	595
296	2035	ALT3	WB	PM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1934	83	2017	15	15	303	13	316
297	2035	ALT3	WB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	9447	1235	10682	21	21	8167	1068	9235
298	2035	ALT3	WB	PM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	608	10	618	27	27	41	1	42
299	2035	ALT3	WB	PM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	658	17	675	32	32	238	6	244
300	2035	ALT3	WB	PM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4346	86	4432	29	29	4335	86	4421
301	2035	ALT3	WB	PM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	6148	156	6304	11	11	734	19	753
302	2035	ALT3	WB	PM	Ramp	OFF	California St Off-Ramp	94793	0.13	1155	30	1185	30	30	149	4	153
303	2035	ALT3	WB	PM	Ramp	ON	California St On-Ramp	2676730	0.11	4575	111	4686	19	19	524	13	537
304	2035	ALT3	WB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2202	58	2260	23	23	257	7	264
305	2035	ALT3	WB	PM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	5786	165	5951	13	13	790	23	813
306	2035	ALT3	WB	PM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1223	19	1242	23	23	266	4	270
307	2035	ALT3	WB	PM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3404	34	3438	5	5	421	4	425
308	2035	ALT3	WB	PM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1724	57	1781	18	18	421	14	435
309	2035	ALT3	WB	PM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	3215	92	3307	6	6	423	12	435
310	2035	ALT3	WB	PM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	14259	581	14840	19	19	2503	102	2605
311	2035	ALT3	WB	PM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2404	46	2450	11	11	793	15	808
312	2035	ALT3	WB	PM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	560	13	573	24	24	297	7	304
313	2035	ALT3	WB	PM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	7759	175	7934	28	28	3325	75	3400
314	2035	ALT3	WB	PM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2021	29	2050	19	19	488	7	495
315	2035	ALT3	WB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2402	57	2459	18	18	631	15	646
316	2035	ALT3	WB	PM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1761	17	1778	21	21	376	4	380
317	2035	ALT3	WB	PM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1420	38	1458	17	17	445	12	457
318	2035	ALT3	WB	PM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1762	18	1780	21	21	472	5	477
319	2035	ALT3	WB	PM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2213	45	2258	18	18	705	14	719
320	2035	ALT3	WB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2476	36	2512	15	15	444	6	450
321	2035	ALT3	WB	PM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1460	32	1492	17	17	495	11	506
322	2035	ALT3	WB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2935	74	3009	10	10	313	8	321
323	2035	ALT3	WB	PM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	4567	121	4688	27	27	1426	38	1464
324	2035	ALT3	WB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	3720	89	3809	24	24	486	12	498
325	2035	ALT3	WB	PM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3072	92	3164	17	17	1264	38	1302
326	2035	ALT3	WB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	2140	29	2169	18	18	740	10	750
327	2035	ALT3	WB	PM	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1804	62	1866	15	15	654	22	676
328	2035	ALT3	WB	PM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3558	51	3609	24	24	413	6	419
329	2035	ALT3	WB	PM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2273	48	2321	18	18	557	12	569
330	2035	ALT3	WB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	3174	61	3235	25	25	343	7	350
331	2035	ALT3	WB	PM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3198	95	3293	28	28	956	28	984
332	2035	ALT3	WB	PM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	2008	57	2065	33	33	587	17	604
333	2035	ALT3	WB	PM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2270	82	2352	29	29	784	28	812
334	2035	ALT3	WB	PM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3769	160	3929	29	29	488	21	509
335	2035	ALT3	WB	PM	Ramp	ON	Cherry On-Ramp	95966	0.28	4115	158	4273	27	27	1151	44	1195
336	2035	ALT3	WB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1691	133	1824	26	26	857	67	924

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
337	2035	ALT3	WB	PM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	3000	106	3106	23	23	577	20	597
338	2035	ALT3	WB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	1271	53	1324	28	28	465	19	484
339	2035	ALT3	WB	PM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6545	367	6912	42	42	1844	103	1947
340	2035	ALT3	WB	PM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	7019	211	7230	29	29	4417	133	4550
341	2035	ALT3	WB	PM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4494	103	4597	20	20	4506	103	4609
342	2035	ALT3	WB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	2197	172	2369	26	26	442	35	477
343	2035	ALT3	WB	PM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2685	81	2766	9	9	474	14	488
344	2035	ALT3	WB	PM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2547	153	2700	25	25	446	27	473
345	2035	ALT3	WB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2299	56	2355	12	12	220	5	225
346	2035	ALT3	WB	PM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	2110	41	2151	13	13	409	8	417
347	2035	ALT3	WB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1889	42	1931	17	17	343	8	351
348	2035	ALT3	WB	PM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4732	274	5006	26	26	2727	158	2885
349	2035	ALT3	WB	PM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	5063	65	5128	18	18	927	12	939
350	2035	ALT3	WB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	4139	70	4209	29	29	1331	23	1354
351	2035	ALT3	WB	PM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1919	94	2013	15	15	305	15	320
352	2035	ALT3	WB	PM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1750	44	1794	19	19	356	9	365
353	2035	ALT3	WB	PM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	5019	83	5102	20	20	1270	21	1291
354	2035	ALT3	WB	PM	Ramp	ON	4th St On-Ramp	2731498	0.26	4115	95	4210	15	15	1060	24	1084
355	2035	ALT3	WB	PM	Ramp	OFF	7th St Off-Ramp	94628	0.20	2929	50	2979	10	10	594	10	604
356	2035	ALT3	WB	PM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1653	27	1680	16	16	394	6	400
357	2035	ALT3	WB	PM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2367	41	2408	13	13	894	15	909
358	2035	ALT3	WB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3310	157	3467	5	5	461	22	483
359	2035	ALT3	WB	PM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2213	38	2251	14	14	450	8	458
360	2035	ALT3	WB	PM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	3179	128	3307	7	7	424	17	441
361	2035	ALT3	WB	PM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2806	61	2867	10	10	340	7	347
362	2035	ALT3	WB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2860	81	2941	11	11	647	18	665
363	2035	ALT3	WB	PM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2090	26	2116	14	14	690	9	699
364	2035	ALT3	WB	PM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O		0.40					50			
365	2035	ALT3	WB	PM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar		0.78					50			
366	2035	ALT3	WB	PM	HOT		Ford St On-Ramp to Cypress Av	2731628	0.50	3210		3210	58	50	1600		1600
367	2035	ALT3	WB	PM	HOT		Cypress Ave Off-Ramp to Unive	2731628	0.75	3210		3210	58	50	2405		2405
368	2035	ALT3	WB	PM	HOT		University St On-Ramp to 6th S	2731628	0.38	3210		3210	58	50	1218		1218
369	2035	ALT3	WB	PM	HOT		6th St Off-Ramp to Orange St L	2731628	0.36	3210		3210	58	50	1154		1154
370	2035	ALT3	WB	PM	HOT		Orange St Loop On-Ramp to Or	2731626	0.37	3210		3210	58	50	1202		1202
371	2035	ALT3	WB	PM	HOT		Orange St On-Ramp to SR-210	2731626	0.17	3210		3210	58	50	554		554
372	2035	ALT3	WB	PM	HOT		SR-210 Off-Ramp to Tennessee	2731626	0.27	3210		3210	58	50	856		856
373	2035	ALT3	WB	PM	HOT		Tennessee St Off-Ramp to Alab	2731626	0.17	3210		3210	58	50	560		560
374	2035	ALT3	WB	PM	HOT		Alabama St Off-Ramp to SR-21	2731626	0.78	3210		3210	58	50	2513		2513
375	2035	ALT3	WB	PM	HOT		SR-210 SB On-Ramp to Alabam	2731626	0.26	3210		3210	58	50	838		838
376	2035	ALT3	WB	PM	HOT		Alabama St On-Ramp to Califo	2731626	0.12	3210		3210	58	50	391		391
377	2035	ALT3	WB	PM	HOT		California St Off-Ramp to Califo	2731613	0.86	6964		6964	59	50	6003		6003
378	2035	ALT3	WB	PM	HOT		California St On-Ramp to Mour	2731613	0.19	6964		6964	59	50	1340		1340
379	2035	ALT3	WB	PM	HOT		Mountain View Ave Off-Ramp	2779137	0.22	9377		9377	56	50	2086		2086
380	2035	ALT3	WB	PM	HOT		Mountain View Ave On-Ramp t	2779137	0.21	9377		9377	56	50	1938		1938
381	2035	ALT3	WB	PM	HOT		Tippecanoe Ave Off-Ramp to T	2779137	0.76	9377		9377	56	50	7103		7103
382	2035	ALT3	WB	PM	HOT		Tippecanoe Ave On-Ramp to H	2779137	0.11	9377		9377	56	50	1046		1046
383	2035	ALT3	WB	PM	HOT		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	9377		9377	56	50	4462		4462
384	2035	ALT3	WB	PM	HOT		Hospitality Ln/ Carnegie Dr On	2779137	0.28	9377		9377	56	50	2642		2642
385	2035	ALT3	WB	PM	HOT		I-215 NB Off-Ramp to Sunwest	2779137	0.70	9377		9377	56	50	6588		6588

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
386	2035	ALT3	WB	PM	HOT		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	9377		9377	56	50	1962		1962
387	2035	ALT3	WB	PM	HOT		I-215 NB On-Ramp to I-215 SB	2779137	0.18	9377		9377	56	50	1715		1715
388	2035	ALT3	WB	PM	HOT		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	9377		9377	56	50	1737		1737
389	2035	ALT3	WB	PM	HOT		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	9377		9377	56	50	6811		6811
390	2035	ALT3	WB	PM	HOT		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	8909		8909	57	50	413		413
391	2035	ALT3	WB	PM	HOT		9th St Off-Ramp to La Cadena I	2779131	0.62	8909		8909	57	50	5519		5519
392	2035	ALT3	WB	PM	HOT		La Cadena Dr On-Ramp to Ran	2779131	0.09	8909		8909	57	50	785		785
393	2035	ALT3	WB	PM	HOT		Rancho Ave Off-Ramp to Ranch	2779131	0.58	8909		8909	57	50	5204		5204
394	2035	ALT3	WB	PM	HOT		Rancho Ave On-Ramp to Peppe	2779131	0.42	8909		8909	57	50	3712		3712
395	2035	ALT3	WB	PM	HOT		Pepper Ave Off-Ramp to Peppe	2779131	0.59	8909		8909	57	50	5298		5298
396	2035	ALT3	WB	PM	HOT		Pepper Ave On-Ramp to Rivers	2779131	0.17	8909		8909	57	50	1517		1517
397	2035	ALT3	WB	PM	HOT		Riverside Ave Off-Ramp to Rive	2779131	0.59	8909		8909	57	50	5258		5258
398	2035	ALT3	WB	PM	HOT		Riverside Ave On-Ramp to Ced	2779131	0.85	8909		8909	57	50	7596		7596
399	2035	ALT3	WB	PM	HOT		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	8909		8909	57	50	6473		6473
400	2035	ALT3	WB	PM	HOT		Cedar Ave On-Ramp to Alder A	2779131	0.52	8909		8909	57	50	4667		4667
401	2035	ALT3	WB	PM	HOT		Alder Ave Off-Ramp to Alder A	2731555	0.38	8909		8909	57	50	3343		3343
402	2035	ALT3	WB	PM	HOT		Alder Ave On-Ramp to Alder Av	2731555	0.36	8909		8909	57	50	3222		3222
403	2035	ALT3	WB	PM	HOT		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	8753		8753	57	50	6039		6039
404	2035	ALT3	WB	PM	HOT		Sierra Ave On-Ramp to Citrus A	2731555	0.39	8753		8753	57	50	3411		3411
405	2035	ALT3	WB	PM	HOT		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	8753		8753	57	50	4718		4718
406	2035	ALT3	WB	PM	HOT		Citrus Ave On-Ramp to Beach (	2731555	0.42	8753		8753	57	50	3661		3661
407	2035	ALT3	WB	PM	HOT		Beach Ave Off-Ramp to Beach	2731555	0.63	8753		8753	57	50	5519		5519
408	2035	ALT3	WB	PM	HOT		Beach Ave On-Ramp to Cherry	2731555	0.39	8753		8753	57	50	3452		3452
409	2035	ALT3	WB	PM	HOT		Cherry Off-Ramp to Cherry On-	2731555	0.55	8753		8753	57	50	4818		4818
410	2035	ALT3	WB	PM	HOT		Cherry On-Ramp to Etiwanda A	2779119	1.27	10000		10000	55	50	12680		12680
411	2035	ALT3	WB	PM	HOT		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	10000		10000	55	50	6791		6791
412	2035	ALT3	WB	PM	HOT		Etiwanda Ave Loop On-Ramp t	2779119	0.26	10000		10000	55	50	2603		2603
413	2035	ALT3	WB	PM	HOT		Etiwanda Ave On-Ramp to I-15	2779119	0.13	10000		10000	55	50	1331		1331
414	2035	ALT3	WB	PM	HOT		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	10000		10000	55	50	5673		5673
415	2035	ALT3	WB	PM	HOT		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	10000		10000	55	50	1330		1330
416	2035	ALT3	WB	PM	HOT		I-15 NB On-Ramp to Milliken A	2779119	0.02	10000		10000	55	50	207		207
417	2035	ALT3	WB	PM	HOT		Milliken Ave Off-Ramp to Millik	2779119	0.58	10000		10000	55	50	5804		5804
418	2035	ALT3	WB	PM	HOT		Milliken Ave On-Ramp to Have	2779119	0.25	10000		10000	55	50	2496		2496
419	2035	ALT3	WB	PM	HOT		Haven Ave Off-Ramp to Haven	2779119	0.41	10000		10000	55	50	4113		4113
420	2035	ALT3	WB	PM	HOT		Haven Ave Loop On-Ramp to H	2779113	0.29	13916		13916	54	50	4018		4018
421	2035	ALT3	WB	PM	HOT		Haven Ave On-Ramp to Archiba	2779113	0.27	13916		13916	54	50	3804		3804
422	2035	ALT3	WB	PM	HOT		Archibald Ave Off-Ramp to Hol	2779113	0.32	13916		13916	54	50	4516		4516
423	2035	ALT3	WB	PM	HOT		Holt Blvd Off-Ramp to Archibal	2779113	0.63	13916		13916	54	50	8706		8706
424	2035	ALT3	WB	PM	HOT		Archibald Ave On-Ramp to Vine	2779113	0.15	13916		13916	54	50	2129		2129
425	2035	ALT3	WB	PM	HOT		Vineyard Ave Off-Ramp to Vine	2779113	0.36	13916		13916	54	50	5032		5032
426	2035	ALT3	WB	PM	HOT		Vineyard Ave Loop On-Ramp to	2779113	0.19	13916		13916	54	50	2648		2648
427	2035	ALT3	WB	PM	HOT		Vineyard Ave On-Ramp to 4th S	2779113	0.36	13916		13916	54	50	5064		5064
428	2035	ALT3	WB	PM	HOT		4th St Off-Ramp to 4th St On-R	2779113	0.39	13916		13916	54	50	5407		5407
429	2035	ALT3	WB	PM	HOT		4th St On-Ramp to 7th St Off-R	2779113	0.26	13916		13916	54	50	3605		3605
430	2035	ALT3	WB	PM	HOT		7th St Off-Ramp to Euclid Ave I	2779107	0.40	14022		14022	49	49	5586		5586
431	2035	ALT3	WB	PM	HOT		Euclid Ave Loop On-Ramp to Eu	2779107	0.36	14022		14022	49	49	5035		5035
432	2035	ALT3	WB	PM	HOT		Euclid Ave On-Ramp to Mounta	2779107	0.42	14022		14022	49	49	5930		5930
433	2035	ALT3	WB	PM	HOT		Mountain Ave Off-Ramp to Mo	2760177	0.33	14037		14037	49	49	4582		4582
434	2035	ALT3	WB	PM	HOT		Mountain Ave On-Ramp to Cer	2760177	0.27	14037		14037	49	49	3852		3852

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
435	2035	ALT3	WB	PM	HOT		Central Ave Off-Ramp to Centr	2760177	0.53	14037		14037	49	49	7390		7390
436	2035	ALT3	WB	PM	HOT		Central Ave On-Ramp to Mont	2760177	0.05	14037		14037	49	49	708		708
437	2035	ALT3	WB	PM	HOT		Monte Vista Ave Off-Ramp to M	2760177	0.56	14037		14037	49	49	7860		7860
216	2035	ALT3	WB	NT	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	13091	4119	17210	64	50	5265	1656	6921
217	2035	ALT3	WB	NT	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	12324	4100	16424	64	50	9628	3203	12831
218	2035	ALT3	WB	NT	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	15591	4141	19732	64	50	7769	2064	9833
219	2035	ALT3	WB	NT	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	15069	4129	19198	64	50	11288	3093	14381
220	2035	ALT3	WB	NT	Mainline		University St On-Ramp to 6th S	23726	0.38	17789	4238	22027	64	50	6749	1608	8357
221	2035	ALT3	WB	NT	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	16594	4185	20779	64	50	5968	1505	7473
222	2035	ALT3	WB	NT	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	18789	4268	23057	64	50	7038	1599	8637
223	2035	ALT3	WB	NT	Mainline		Orange St On-Ramp to SR-210	24215	0.17	19432	4322	23754	64	50	3351	745	4096
224	2035	ALT3	WB	NT	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	16391	3985	20376	64	50	4369	1062	5431
225	2035	ALT3	WB	NT	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	15907	3970	19877	64	50	2776	693	3469
226	2035	ALT3	WB	NT	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	15409	3952	19361	64	50	12063	3094	15157
227	2035	ALT3	WB	NT	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	17448	4015	21463	64	50	4555	1048	5603
228	2035	ALT3	WB	NT	Mainline		Alabama St On-Ramp to Califor	24057	0.12	22894	4390	27284	64	50	2785	534	3319
229	2035	ALT3	WB	NT	Mainline		California St Off-Ramp to Califo	24044	0.86	20139	4357	24496	64	50	17359	3756	21115
230	2035	ALT3	WB	NT	Mainline		California St On-Ramp to Mour	24077	0.19	22395	4552	26947	64	50	4310	876	5186
231	2035	ALT3	WB	NT	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	20591	4471	25062	64	50	4582	995	5577
232	2035	ALT3	WB	NT	Mainline		Mountain View Ave On-Ramp t	23990	0.21	23883	4697	28580	64	50	4937	971	5908
233	2035	ALT3	WB	NT	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	22938	4675	27613	63	50	17377	3542	20919
234	2035	ALT3	WB	NT	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	25976	4806	30782	63	50	2897	536	3433
235	2035	ALT3	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	24508	4705	29213	62	50	11662	2239	13901
236	2035	ALT3	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	25981	4851	30832	63	50	7321	1367	8688
237	2035	ALT3	WB	NT	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	14498	3485	17983	64	50	10186	2448	12634
238	2035	ALT3	WB	NT	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	15759	3573	19332	63	50	3298	748	4046
239	2035	ALT3	WB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	15972	3587	19559	63	50	2922	656	3578
240	2035	ALT3	WB	NT	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	20289	3871	24160	64	50	3759	717	4476
241	2035	ALT3	WB	NT	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	19311	3841	23152	63	50	14027	2790	16817
242	2035	ALT3	WB	NT	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	20118	3910	24028	64	50	932	181	1113
243	2035	ALT3	WB	NT	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	18330	3857	22187	63	50	11355	2389	13744
244	2035	ALT3	WB	NT	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	19351	3934	23285	64	50	1705	347	2052
245	2035	ALT3	WB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	18777	3924	22701	63	50	10969	2292	13261
246	2035	ALT3	WB	NT	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	19913	3978	23891	64	50	8297	1657	9954
247	2035	ALT3	WB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	18236	3921	22157	63	50	10844	2332	13176
248	2035	ALT3	WB	NT	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	19623	3982	23605	64	50	3341	678	4019
249	2035	ALT3	WB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	17308	3838	21146	64	50	10215	2265	12480
250	2035	ALT3	WB	NT	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	19830	4042	23872	64	50	16908	3446	20354
251	2035	ALT3	WB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	18357	3974	22331	63	50	13337	2887	16224
252	2035	ALT3	WB	NT	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	20218	4121	24339	64	50	10592	2159	12751
253	2035	ALT3	WB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	20218	4121	24339	64	50	7586	1546	9132
254	2035	ALT3	WB	NT	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	20218	4121	24339	64	50	7313	1491	8804
255	2035	ALT3	WB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	18175	4164	22339	63	50	12539	2873	15412
256	2035	ALT3	WB	NT	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	19525	4234	23759	64	50	7609	1650	9259
257	2035	ALT3	WB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	17977	4156	22133	63	50	9690	2240	11930
258	2035	ALT3	WB	NT	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	20014	4314	24328	64	50	8370	1804	10174
259	2035	ALT3	WB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	18951	4232	23183	64	50	11950	2669	14619
260	2035	ALT3	WB	NT	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	20688	4413	25101	64	50	8160	1741	9901
261	2035	ALT3	WB	NT	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	18576	4197	22773	64	50	10225	2310	12535

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
262	2035	ALT3	WB	NT	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	20849	4650	25499	64	50	26436	5896	32332
263	2035	ALT3	WB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	19633	4478	24111	64	50	13332	3041	16373
264	2035	ALT3	WB	NT	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	20873	4807	25680	63	50	5433	1251	6684
265	2035	ALT3	WB	NT	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	21001	4849	25850	63	50	2795	645	3440
266	2035	ALT3	WB	NT	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	15034	4318	19352	63	50	8529	2450	10979
267	2035	ALT3	WB	NT	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	21289	5647	26936	63	50	2831	751	3582
268	2035	ALT3	WB	NT	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	25441	6008	31449	63	50	525	124	649
269	2035	ALT3	WB	NT	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	24088	5790	29878	63	50	13980	3360	17340
270	2035	ALT3	WB	NT	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	26031	6147	32178	63	50	6498	1534	8032
271	2035	ALT3	WB	NT	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	24409	5919	30328	62	50	10038	2434	12472
272	2035	ALT3	WB	NT	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	23341	6081	29422	62	50	6739	1756	8495
273	2035	ALT3	WB	NT	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	24823	6266	31089	63	50	6785	1713	8498
274	2035	ALT3	WB	NT	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	23203	6155	29358	63	50	7529	1997	9526
275	2035	ALT3	WB	NT	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	19324	5653	24977	64	50	12090	3537	15627
276	2035	ALT3	WB	NT	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	23342	5929	29271	64	50	3571	907	4478
277	2035	ALT3	WB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	21069	5839	26908	64	50	7618	2111	9729
278	2035	ALT3	WB	NT	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	22145	6077	28222	64	50	4214	1156	5370
279	2035	ALT3	WB	NT	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	23438	6180	29618	63	50	8529	2249	10778
280	2035	ALT3	WB	NT	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	20597	6065	26662	63	50	8002	2356	10358
281	2035	ALT3	WB	NT	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	24105	6285	30390	63	50	6244	1628	7872
282	2035	ALT3	WB	NT	Mainline		7th St Off-Ramp to Euclid Ave L	23447	0.40	22205	6191	28396	63	50	8847	2467	11314
283	2035	ALT3	WB	NT	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	23397	6271	29668	63	50	8402	2252	10654
284	2035	ALT3	WB	NT	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	25399	6358	31757	62	50	10742	2689	13431
285	2035	ALT3	WB	NT	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	22332	6193	28525	63	50	7290	2021	9311
286	2035	ALT3	WB	NT	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	23398	6301	29699	63	50	6420	1729	8149
287	2035	ALT3	WB	NT	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	21035	6169	27204	63	50	11074	3248	14322
288	2035	ALT3	WB	NT	Mainline		Central Ave On-Ramp to Monte	23492	0.05	23325	6298	29623	63	50	1177	318	1495
289	2035	ALT3	WB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	22124	6205	28329	63	50	12389	3475	15864
290	2035	ALT3	WB	NT	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	767	20	787	35	35	412	11	423
291	2035	ALT3	WB	NT	Ramp	ON	Ford St On-Ramp	94684	0.23	1393	42	1435	29	29	314	9	323
292	2035	ALT3	WB	NT	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	522	12	534	34	34	145	3	148
293	2035	ALT3	WB	NT	Ramp	ON	University St On-Ramp	94674	0.21	2720	109	2829	18	18	575	23	598
294	2035	ALT3	WB	NT	Ramp	OFF	6th St Off-Ramp	94690	0.26	1195	53	1248	28	28	316	14	330
295	2035	ALT3	WB	NT	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2265	84	2349	18	18	437	16	453
296	2035	ALT3	WB	NT	Ramp	ON	Orange St On-Ramp	2676749	0.16	643	54	697	20	20	101	8	109
297	2035	ALT3	WB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	3039	338	3377	30	30	2627	292	2919
298	2035	ALT3	WB	NT	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	484	15	499	29	29	33	1	34
299	2035	ALT3	WB	NT	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	499	18	517	34	34	180	7	187
300	2035	ALT3	WB	NT	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	2039	63	2102	30	30	2034	63	2097
301	2035	ALT3	WB	NT	Ramp	ON	Alabama St On-Ramp	2676731	0.12	5446	375	5821	26	26	651	45	696
302	2035	ALT3	WB	NT	Ramp	OFF	California St Off-Ramp	94793	0.13	771	33	804	34	34	100	4	104
303	2035	ALT3	WB	NT	Ramp	ON	California St On-Ramp	2676730	0.11	2256	195	2451	29	29	258	22	280
304	2035	ALT3	WB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	1804	81	1885	32	32	210	9	219
305	2035	ALT3	WB	NT	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2686	225	2911	28	28	367	31	398
306	2035	ALT3	WB	NT	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	946	21	967	28	28	205	5	210
307	2035	ALT3	WB	NT	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3038	131	3169	17	17	376	16	392
308	2035	ALT3	WB	NT	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1468	102	1570	26	26	358	25	383
309	2035	ALT3	WB	NT	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	1472	147	1619	18	18	194	19	213
310	2035	ALT3	WB	NT	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	11483	1366	12849	44	44	2016	240	2256

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
311	2035	ALT3	WB	NT	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1261	88	1349	19	19	416	29	445
312	2035	ALT3	WB	NT	Ramp	ON	I-215 NB On-Ramp	24504	0.53	213	14	227	25	25	113	7	120
313	2035	ALT3	WB	NT	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4317	284	4601	34	34	1850	122	1972
314	2035	ALT3	WB	NT	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	978	30	1008	28	28	236	7	243
315	2035	ALT3	WB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1491	70	1561	20	20	392	18	410
316	2035	ALT3	WB	NT	Ramp	OFF	9th St Off-Ramp	94928	0.21	1788	53	1841	27	27	382	11	393
317	2035	ALT3	WB	NT	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1022	76	1098	19	19	320	24	344
318	2035	ALT3	WB	NT	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	574	10	584	29	29	154	3	157
319	2035	ALT3	WB	NT	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1134	55	1189	20	20	361	18	379
320	2035	ALT3	WB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1675	58	1733	27	27	300	10	310
321	2035	ALT3	WB	NT	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1387	61	1448	19	19	470	21	491
322	2035	ALT3	WB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2315	144	2459	26	26	247	15	262
323	2035	ALT3	WB	NT	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2522	204	2726	29	29	787	64	851
324	2035	ALT3	WB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1473	68	1541	29	29	193	9	202
325	2035	ALT3	WB	NT	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	1861	147	2008	20	20	765	60	825
326	2035	ALT3	WB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	1514	51	1565	27	27	523	18	541
327	2035	ALT3	WB	NT	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1704	162	1866	19	19	617	59	676
328	2035	ALT3	WB	NT	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2337	68	2405	29	29	271	8	279
329	2035	ALT3	WB	NT	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1350	71	1421	20	20	331	17	348
330	2035	ALT3	WB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1548	78	1626	29	29	167	8	175
331	2035	ALT3	WB	NT	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	2036	158	2194	30	30	609	47	656
332	2035	ALT3	WB	NT	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1062	83	1145	35	35	311	24	335
333	2035	ALT3	WB	NT	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1736	181	1917	30	30	599	62	661
334	2035	ALT3	WB	NT	Ramp	OFF	Cherry Off-Ramp	94837	0.13	2112	216	2328	34	34	273	28	301
335	2035	ALT3	WB	NT	Ramp	ON	Cherry On-Ramp	95966	0.28	2639	454	3093	29	29	738	127	865
336	2035	ALT3	WB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1216	172	1388	33	33	616	87	703
337	2035	ALT3	WB	NT	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1240	329	1569	33	33	239	63	302
338	2035	ALT3	WB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	129	41	170	30	30	47	15	62
339	2035	ALT3	WB	NT	Ramp	OFF	I-15 Off-Ramp	24554	0.28	5967	531	6498	47	47	1681	150	1831
340	2035	ALT3	WB	NT	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6254	1329	7583	33	33	3935	836	4771
341	2035	ALT3	WB	NT	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4152	361	4513	31	31	4163	362	4525
342	2035	ALT3	WB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1353	218	1571	29	29	272	44	316
343	2035	ALT3	WB	NT	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	1943	357	2300	17	17	343	63	406
344	2035	ALT3	WB	NT	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	1623	227	1850	29	29	284	40	324
345	2035	ALT3	WB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	1052	161	1213	19	19	100	15	115
346	2035	ALT3	WB	NT	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1481	186	1667	18	18	287	36	323
347	2035	ALT3	WB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1620	111	1731	26	26	294	20	314
348	2035	ALT3	WB	NT	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	3879	502	4381	33	33	2235	289	2524
349	2035	ALT3	WB	NT	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4017	276	4293	27	27	736	51	787
350	2035	ALT3	WB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2273	90	2363	34	34	731	29	760
351	2035	ALT3	WB	NT	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1076	238	1314	19	19	171	38	209
352	2035	ALT3	WB	NT	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1293	103	1396	20	20	263	21	284
353	2035	ALT3	WB	NT	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	2841	115	2956	29	29	719	29	748
354	2035	ALT3	WB	NT	Ramp	ON	4th St On-Ramp	2731498	0.26	3509	220	3729	19	19	904	57	961
355	2035	ALT3	WB	NT	Ramp	OFF	7th St Off-Ramp	94628	0.20	1975	94	2069	26	26	401	19	420
356	2035	ALT3	WB	NT	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1192	80	1272	19	19	284	19	303
357	2035	ALT3	WB	NT	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2003	86	2089	18	18	757	32	789
358	2035	ALT3	WB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3067	165	3232	24	24	427	23	450
359	2035	ALT3	WB	NT	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2332	108	2440	18	18	474	22	496

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
360	2035	ALT3	WB	NT	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2363	132	2495	26	26	315	18	333
361	2035	ALT3	WB	NT	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2290	129	2419	18	18	277	16	293
362	2035	ALT3	WB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1200	93	1293	28	28	272	21	293
363	2035	ALT3	WB	NT	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1758	73	1831	19	19	581	24	605
364	2035	ALT3	WB	NT	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O		0.40					50			
365	2035	ALT3	WB	NT	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar		0.78					50			
366	2035	ALT3	WB	NT	HOT		Ford St On-Ramp to Cypress Av	2731628	0.50	2014		2014	64	50	1004		1004
367	2035	ALT3	WB	NT	HOT		Cypress Ave Off-Ramp to Unive	2731628	0.75	2014		2014	64	50	1509		1509
368	2035	ALT3	WB	NT	HOT		University St On-Ramp to 6th S	2731628	0.38	2014		2014	64	50	764		764
369	2035	ALT3	WB	NT	HOT		6th St Off-Ramp to Orange St L	2731628	0.36	2014		2014	64	50	724		724
370	2035	ALT3	WB	NT	HOT		Orange St Loop On-Ramp to Or	2731626	0.37	2085		2085	64	50	781		781
371	2035	ALT3	WB	NT	HOT		Orange St On-Ramp to SR-210	2731626	0.17	2085		2085	64	50	360		360
372	2035	ALT3	WB	NT	HOT		SR-210 Off-Ramp to Tennessee	2731626	0.27	2085		2085	64	50	556		556
373	2035	ALT3	WB	NT	HOT		Tennessee St Off-Ramp to Alab	2731626	0.17	2085		2085	64	50	364		364
374	2035	ALT3	WB	NT	HOT		Alabama St Off-Ramp to SR-21	2731626	0.78	2085		2085	64	50	1632		1632
375	2035	ALT3	WB	NT	HOT		SR-210 SB On-Ramp to Alabam	2731626	0.26	2085		2085	64	50	544		544
376	2035	ALT3	WB	NT	HOT		Alabama St On-Ramp to Califor	2731626	0.12	2085		2085	64	50	254		254
377	2035	ALT3	WB	NT	HOT		California St Off-Ramp to Califc	2731613	0.86	4069		4069	64	50	3507		3507
378	2035	ALT3	WB	NT	HOT		California St On-Ramp to Mour	2731613	0.19	4069		4069	64	50	783		783
379	2035	ALT3	WB	NT	HOT		Mountain View Ave Off-Ramp t	2779137	0.22	3463		3463	64	50	771		771
380	2035	ALT3	WB	NT	HOT		Mountain View Ave On-Ramp t	2779137	0.21	3463		3463	64	50	716		716
381	2035	ALT3	WB	NT	HOT		Tippecanoe Ave Off-Ramp to T	2779137	0.76	3463		3463	64	50	2623		2623
382	2035	ALT3	WB	NT	HOT		Tippecanoe Ave On-Ramp to H	2779137	0.11	3463		3463	64	50	386		386
383	2035	ALT3	WB	NT	HOT		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	3463		3463	64	50	1648		1648
384	2035	ALT3	WB	NT	HOT		Hospitality Ln/ Carnegie Dr On	2779137	0.28	3463		3463	64	50	976		976
385	2035	ALT3	WB	NT	HOT		I-215 NB Off-Ramp to Sunwest	2779137	0.70	3463		3463	64	50	2433		2433
386	2035	ALT3	WB	NT	HOT		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	3463		3463	64	50	725		725
387	2035	ALT3	WB	NT	HOT		I-215 NB On-Ramp to I-215 SB	2779137	0.18	3463		3463	64	50	634		634
388	2035	ALT3	WB	NT	HOT		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	3463		3463	64	50	642		642
389	2035	ALT3	WB	NT	HOT		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	3463		3463	64	50	2515		2515
390	2035	ALT3	WB	NT	HOT		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	4147		4147	64	50	192		192
391	2035	ALT3	WB	NT	HOT		9th St Off-Ramp to La Cadena I	2779131	0.62	4147		4147	64	50	2569		2569
392	2035	ALT3	WB	NT	HOT		La Cadena Dr On-Ramp to Ranc	2779131	0.09	4147		4147	64	50	365		365
393	2035	ALT3	WB	NT	HOT		Rancho Ave Off-Ramp to Ranch	2779131	0.58	4147		4147	64	50	2423		2423
394	2035	ALT3	WB	NT	HOT		Rancho Ave On-Ramp to Peppe	2779131	0.42	4147		4147	64	50	1728		1728
395	2035	ALT3	WB	NT	HOT		Pepper Ave Off-Ramp to Peppe	2779131	0.59	4147		4147	64	50	2466		2466
396	2035	ALT3	WB	NT	HOT		Pepper Ave On-Ramp to Rivers	2779131	0.17	4147		4147	64	50	706		706
397	2035	ALT3	WB	NT	HOT		Riverside Ave Off-Ramp to Rive	2779131	0.59	4147		4147	64	50	2447		2447
398	2035	ALT3	WB	NT	HOT		Riverside Ave On-Ramp to Ced	2779131	0.85	4147		4147	64	50	3536		3536
399	2035	ALT3	WB	NT	HOT		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	4147		4147	64	50	3013		3013
400	2035	ALT3	WB	NT	HOT		Cedar Ave On-Ramp to Alder A	2779131	0.52	4147		4147	64	50	2173		2173
401	2035	ALT3	WB	NT	HOT		Alder Ave Off-Ramp to Alder A	2731555	0.38	4147		4147	64	50	1556		1556
402	2035	ALT3	WB	NT	HOT		Alder Ave On-Ramp to Alder Av	2731555	0.36	4147		4147	64	50	1500		1500
403	2035	ALT3	WB	NT	HOT		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	4043		4043	64	50	2789		2789
404	2035	ALT3	WB	NT	HOT		Sierra Ave On-Ramp to Citrus A	2731555	0.39	4043		4043	64	50	1576		1576
405	2035	ALT3	WB	NT	HOT		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	4043		4043	64	50	2179		2179
406	2035	ALT3	WB	NT	HOT		Citrus Ave On-Ramp to Beach C	2731555	0.42	4043		4043	64	50	1691		1691
407	2035	ALT3	WB	NT	HOT		Beach Ave Off-Ramp to Beach	2731555	0.63	4043		4043	64	50	2549		2549
408	2035	ALT3	WB	NT	HOT		Beach Ave On-Ramp to Cherry	2731555	0.39	4043		4043	64	50	1595		1595

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
409	2035	ALT3	WB	NT	HOT		Cherry Off-Ramp to Cherry On-	2731555	0.55	4043		4043	64	50	2225		2225
410	2035	ALT3	WB	NT	HOT		Cherry On-Ramp to Etiwanda A	2779119	1.27	4411		4411	64	50	5593		5593
411	2035	ALT3	WB	NT	HOT		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	4411		4411	64	50	2995		2995
412	2035	ALT3	WB	NT	HOT		Etiwanda Ave Loop On-Ramp t	2779119	0.26	4411		4411	64	50	1148		1148
413	2035	ALT3	WB	NT	HOT		Etiwanda Ave On-Ramp to I-15	2779119	0.13	4411		4411	64	50	587		587
414	2035	ALT3	WB	NT	HOT		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	4411		4411	64	50	2502		2502
415	2035	ALT3	WB	NT	HOT		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	4411		4411	64	50	587		587
416	2035	ALT3	WB	NT	HOT		I-15 NB On-Ramp to Milliken A	2779119	0.02	4411		4411	64	50	91		91
417	2035	ALT3	WB	NT	HOT		Milliken Ave Off-Ramp to Millik	2779119	0.58	4411		4411	64	50	2560		2560
418	2035	ALT3	WB	NT	HOT		Milliken Ave On-Ramp to Have	2779119	0.25	4411		4411	64	50	1101		1101
419	2035	ALT3	WB	NT	HOT		Haven Ave Off-Ramp to Haven	2779119	0.41	4411		4411	64	50	1814		1814
420	2035	ALT3	WB	NT	HOT		Haven Ave Loop On-Ramp to H	2779113	0.29	6530		6530	64	50	1885		1885
421	2035	ALT3	WB	NT	HOT		Haven Ave On-Ramp to Archib	2779113	0.27	6530		6530	64	50	1785		1785
422	2035	ALT3	WB	NT	HOT		Archibald Ave Off-Ramp to Hol	2779113	0.32	6530		6530	64	50	2119		2119
423	2035	ALT3	WB	NT	HOT		Holt Blvd Off-Ramp to Archibal	2779113	0.63	6530		6530	64	50	4085		4085
424	2035	ALT3	WB	NT	HOT		Archibald Ave On-Ramp to Vin	2779113	0.15	6530		6530	64	50	999		999
425	2035	ALT3	WB	NT	HOT		Vineyard Ave Off-Ramp to Vine	2779113	0.36	6530		6530	64	50	2361		2361
426	2035	ALT3	WB	NT	HOT		Vineyard Ave Loop On-Ramp to	2779113	0.19	6530		6530	64	50	1243		1243
427	2035	ALT3	WB	NT	HOT		Vineyard Ave On-Ramp to 4th	2779113	0.36	6530		6530	64	50	2376		2376
428	2035	ALT3	WB	NT	HOT		4th St Off-Ramp to 4th St On-R	2779113	0.39	6530		6530	64	50	2537		2537
429	2035	ALT3	WB	NT	HOT		4th St On-Ramp to 7th St Off-R	2779113	0.26	6530		6530	64	50	1692		1692
430	2035	ALT3	WB	NT	HOT		7th St Off-Ramp to Euclid Ave I	2779107	0.40	6455		6455	64	50	2572		2572
431	2035	ALT3	WB	NT	HOT		Euclid Ave Loop On-Ramp to E	2779107	0.36	6455		6455	64	50	2318		2318
432	2035	ALT3	WB	NT	HOT		Euclid Ave On-Ramp to Mount	2779107	0.42	6455		6455	64	50	2730		2730
433	2035	ALT3	WB	NT	HOT		Mountain Ave Off-Ramp to Mc	2760177	0.33	7721		7721	63	50	2520		2520
434	2035	ALT3	WB	NT	HOT		Mountain Ave On-Ramp to Cer	2760177	0.27	7721		7721	63	50	2119		2119
435	2035	ALT3	WB	NT	HOT		Central Ave Off-Ramp to Centr	2760177	0.53	7721		7721	63	50	4065		4065
436	2035	ALT3	WB	NT	HOT		Central Ave On-Ramp to Mont	2760177	0.05	7721		7721	63	50	390		390
437	2035	ALT3	WB	NT	HOT		Monte Vista Ave Off-Ramp to M	2760177	0.56	7721		7721	63	50	4324		4324
1	2045	ALT1	EB	AM	Mainline		LA County Line to Monte Vista	25707	0.26	22986	1811	24797	52	50	5889	464	6353
2	2045	ALT1	EB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	21239	1763	23002	55	50	14366	1192	15558
3	2045	ALT1	EB	AM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	23040	1820	24860	57	50	673	53	726
4	2045	ALT1	EB	AM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	20993	1763	22756	55	50	12008	1008	13016
5	2045	ALT1	EB	AM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	22976	1821	24797	58	50	4779	379	5158
6	2045	ALT1	EB	AM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	20834	1773	22607	56	50	7143	608	7751
7	2045	ALT1	EB	AM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	23411	1840	25251	52	50	11190	879	12069
8	2045	ALT1	EB	AM	Mainline		Euclid Ave Off-Ramp to Euclid A	23438	0.65	20993	1778	22771	55	50	13548	1147	14695
9	2045	ALT1	EB	AM	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	23164	1822	24986	52	50	11858	933	12791
10	2045	ALT1	EB	AM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	20261	1713	21974	56	50	3486	295	3781
11	2045	ALT1	EB	AM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	23911	1771	25682	51	50	7868	583	8451
12	2045	ALT1	EB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	22026	1639	23665	54	50	5385	401	5786
13	2045	ALT1	EB	AM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	25315	1700	27015	59	50	4870	327	5197
14	2045	ALT1	EB	AM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	22221	1460	23681	58	50	7522	494	8016
15	2045	ALT1	EB	AM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	25423	1675	27098	54	50	9918	653	10571
16	2045	ALT1	EB	AM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	25424	1711	27135	54	50	5674	382	6056
17	2045	ALT1	EB	AM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	22326	1556	23882	52	50	9287	647	9934
18	2045	ALT1	EB	AM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	27889	1589	29478	51	50	8707	496	9203
19	2045	ALT1	EB	AM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	28316	1658	29974	56	50	6346	372	6718
20	2045	ALT1	EB	AM	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	24447	1461	25908	55	50	12964	775	13739

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
21	2045	ALT1	EB	AM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	25479	1564	27043	58	50	1353	83	1436
22	2045	ALT1	EB	AM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	21436	1222	22658	58	50	5323	303	5626
23	2045	ALT1	EB	AM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	17721	1053	18774	58	50	5435	323	5758
24	2045	ALT1	EB	AM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	22668	1284	23952	59	50	4911	278	5189
25	2045	ALT1	EB	AM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	22859	1291	24150	57	50	3218	182	3400
26	2045	ALT1	EB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	21365	1138	22503	59	50	27337	1456	28793
27	2045	ALT1	EB	AM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	21848	1204	23052	61	50	20198	1113	21311
28	2045	ALT1	EB	AM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	18767	991	19758	61	50	11433	604	12037
29	2045	ALT1	EB	AM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	21879	1108	22987	61	50	7799	395	8194
30	2045	ALT1	EB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	20966	1037	22003	62	50	13278	657	13935
31	2045	ALT1	EB	AM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	22566	1080	23646	61	50	10112	484	10596
32	2045	ALT1	EB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	21212	1034	22246	59	50	11364	554	11918
33	2045	ALT1	EB	AM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	23279	1071	24350	58	50	10907	502	11409
34	2045	ALT1	EB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	20743	999	21742	57	50	13222	637	13859
35	2045	ALT1	EB	AM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	23415	1032	24447	58	50	7243	319	7562
36	2045	ALT1	EB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	23415	1032	24447	58	50	8677	382	9059
37	2045	ALT1	EB	AM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	23415	1032	24447	58	50	11687	515	12202
38	2045	ALT1	EB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	21385	881	22266	56	50	18151	748	18899
39	2045	ALT1	EB	AM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	23060	915	23975	58	50	18343	728	19071
40	2045	ALT1	EB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	20379	840	21219	60	50	11756	485	12241
41	2045	ALT1	EB	AM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	22640	899	23539	59	50	4518	179	4697
42	2045	ALT1	EB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	21611	870	22481	56	50	14257	574	14831
43	2045	ALT1	EB	AM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	22792	889	23681	59	50	5939	232	6171
44	2045	ALT1	EB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	22792	889	23681	59	50	9391	366	9757
45	2045	ALT1	EB	AM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	21892	865	22757	59	50	3931	155	4086
46	2045	ALT1	EB	AM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	20740	825	21565	57	50	10979	437	11416
47	2045	ALT1	EB	AM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	21440	838	22278	59	50	602	24	626
48	2045	ALT1	EB	AM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	20218	811	21029	60	50	12247	491	12738
49	2045	ALT1	EB	AM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	20941	825	21766	59	50	1014	40	1054
50	2045	ALT1	EB	AM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	17141	693	17834	59	50	16145	653	16798
51	2045	ALT1	EB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	24415	1018	25433	56	50	2676	112	2788
52	2045	ALT1	EB	AM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	30426	1269	31695	54	50	3940	164	4104
53	2045	ALT1	EB	AM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	27517	1240	28757	52	50	2991	135	3126
54	2045	ALT1	EB	AM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	25317	1170	26487	48	48	15988	739	16727
55	2045	ALT1	EB	AM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	26070	1202	27272	54	50	7365	340	7705
56	2045	ALT1	EB	AM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	23504	1154	24658	51	50	9498	466	9964
57	2045	ALT1	EB	AM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	23782	1159	24941	60	50	4948	241	5189
58	2045	ALT1	EB	AM	Mainline		Mountain View Ave Off-Ramp	23991	0.79	20932	1076	22008	59	50	16545	851	17396
59	2045	ALT1	EB	AM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	22074	1118	23192	61	50	4052	205	4257
60	2045	ALT1	EB	AM	Mainline		California St Off-Ramp to Califc	24075	0.84	19431	1055	20486	60	50	16352	888	17240
61	2045	ALT1	EB	AM	Mainline		California St On-Ramp to Alaba	24046	0.18	19883	1074	20957	62	50	3494	189	3683
62	2045	ALT1	EB	AM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	17382	1028	18410	63	50	6806	403	7209
63	2045	ALT1	EB	AM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	14771	939	15710	62	50	2609	166	2775
64	2045	ALT1	EB	AM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	12238	852	13090	62	50	7872	548	8420
65	2045	ALT1	EB	AM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	12701	869	13570	62	50	2520	172	2692
66	2045	ALT1	EB	AM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	17776	1627	19403	61	50	899	82	981
67	2045	ALT1	EB	AM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	14878	1570	16448	60	50	6409	676	7085
68	2045	ALT1	EB	AM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	15617	1590	17207	62	50	4642	473	5115
69	2045	ALT1	EB	AM	Mainline		University St Off-Ramp to Cypr	23724	0.80	13333	1537	14870	61	50	10606	1223	11829

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Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
70	2045	ALT1	EB	AM	Mainline		Cypress Ave On-Ramp to Ford S	23642	0.46	13711	1545	15256	63	50	6277	707	6984
71	2045	ALT1	EB	AM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	9254	1515	10769	63	50	6016	985	7001
72	2045	ALT1	EB	AM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	10187	1529	11716	64	50	6010	902	6912
73	2045	ALT1	EB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1747	48	1795	18	18	330	9	339
74	2045	ALT1	EB	AM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1800	57	1857	14	14	233	7	240
75	2045	ALT1	EB	AM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2047	57	2104	15	15	266	7	273
76	2045	ALT1	EB	AM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	1983	58	2041	13	13	371	11	382
77	2045	ALT1	EB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	1874	48	1922	17	17	303	8	311
78	2045	ALT1	EB	AM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2577	67	2644	8	8	301	8	309
79	2045	ALT1	EB	AM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	2418	62	2480	10	10	354	9	363
80	2045	ALT1	EB	AM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2171	44	2215	11	11	760	15	775
81	2045	ALT1	EB	AM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	2609	109	2718	25	25	828	35	863
82	2045	ALT1	EB	AM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3650	58	3708	14	14	859	14	873
83	2045	ALT1	EB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1885	132	2017	27	27	192	13	205
84	2045	ALT1	EB	AM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	3567	61	3628	27	27	447	8	455
85	2045	ALT1	EB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	3093	241	3334	29	29	900	70	970
86	2045	ALT1	EB	AM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	3201	215	3416	21	21	730	49	779
87	2045	ALT1	EB	AM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	818	36	854	17	17	190	8	198
88	2045	ALT1	EB	AM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	3097	155	3252	21	21	439	22	461
89	2045	ALT1	EB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	829	33	862	17	17	101	4	105
90	2045	ALT1	EB	AM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	426	70	496	18	18	119	20	139
91	2045	ALT1	EB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3870	197	4067	17	17	683	35	718
92	2045	ALT1	EB	AM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	1032	103	1135	16	16	200	20	220
93	2045	ALT1	EB	AM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	4043	342	4385	31	31	4488	380	4868
94	2045	ALT1	EB	AM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3715	169	3884	20	20	2143	97	2240
95	2045	ALT1	EB	AM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	4946	232	5178	10	10	551	26	577
96	2045	ALT1	EB	AM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	191	6	197	35	35	229	7	236
97	2045	ALT1	EB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1494	152	1646	27	27	293	30	323
98	2045	ALT1	EB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	483	65	548	29	29	173	23	196
99	2045	ALT1	EB	AM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	3082	212	3294	29	29	628	43	671
100	2045	ALT1	EB	AM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	3113	117	3230	27	27	959	36	995
101	2045	ALT1	EB	AM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	913	71	984	34	34	315	24	339
102	2045	ALT1	EB	AM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1601	42	1643	29	29	473	12	485
103	2045	ALT1	EB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1355	46	1401	33	33	181	6	187
104	2045	ALT1	EB	AM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2067	37	2104	18	18	555	10	565
105	2045	ALT1	EB	AM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2536	72	2608	25	25	297	8	305
106	2045	ALT1	EB	AM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2672	33	2705	7	7	78	1	79
107	2045	ALT1	EB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	1143	64	1207	23	23	409	23	432
108	2045	ALT1	EB	AM	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1617	21	1638	15	15	555	7	562
109	2045	ALT1	EB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2502	109	2611	25	25	457	20	477
110	2045	ALT1	EB	AM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1675	34	1709	19	19	689	14	703
111	2045	ALT1	EB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	2681	76	2757	31	31	336	10	346
112	2045	ALT1	EB	AM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	2260	60	2320	18	18	682	18	700
113	2045	ALT1	EB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1027	30	1057	24	24	314	9	323
114	2045	ALT1	EB	AM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1180	19	1199	17	17	432	7	439
115	2045	ALT1	EB	AM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2045	ALT1	EB	AM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	594	8	602	19	19	189	3	192
117	2045	ALT1	EB	AM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1152	40	1192	23	23	286	10	296
118	2045	ALT1	EB	AM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	700	13	713	20	20	198	4	202

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
119	2045	ALT1	EB	AM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1221	27	1248	23	23	513	11	524
120	2045	ALT1	EB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	723	14	737	20	20	188	4	192
121	2045	ALT1	EB	AM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	3799	133	3932	34	34	894	31	925
122	2045	ALT1	EB	AM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	7274	325	7599	25	25	6322	282	6604
123	2045	ALT1	EB	AM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	6011	251	6262	28	28	4557	190	4747
124	2045	ALT1	EB	AM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2909	29	2938	3	3	265	3	268
125	2045	ALT1	EB	AM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	2200	70	2270	9	9	547	17	564
126	2045	ALT1	EB	AM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	753	32	785	18	18	105	4	109
127	2045	ALT1	EB	AM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2566	48	2614	6	6	646	12	658
128	2045	ALT1	EB	AM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	277	6	283	19	19	28	1	29
129	2045	ALT1	EB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2850	83	2933	8	8	837	24	861
130	2045	ALT1	EB	AM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	1142	42	1184	29	29	260	10	270
131	2045	ALT1	EB	AM	Ramp	OFF	California St Off-Ramp	94801	0.46	2643	63	2706	11	11	1203	29	1232
132	2045	ALT1	EB	AM	Ramp	ON	California St On-Ramp	95942	0.39	452	19	471	29	29	175	7	182
133	2045	ALT1	EB	AM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2502	46	2548	14	14	1085	20	1105
134	2045	ALT1	EB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2609	90	2699	29	29	2158	74	2232
135	2045	ALT1	EB	AM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2534	87	2621	13	13	869	30	899
136	2045	ALT1	EB	AM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	462	18	480	19	19	49	2	51
137	2045	ALT1	EB	AM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	5076	758	5834	26	26	5387	804	6191
138	2045	ALT1	EB	AM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2899	57	2956	4	4	258	5	263
139	2045	ALT1	EB	AM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	738	21	759	18	18	219	6	225
140	2045	ALT1	EB	AM	Ramp	OFF	University St Off-Ramp	94695	0.28	2284	53	2337	12	12	638	15	653
141	2045	ALT1	EB	AM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	379	7	386	29	29	115	2	117
142	2045	ALT1	EB	AM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1486	30	1516	26	26	408	8	416
143	2045	ALT1	EB	AM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	933	14	947	29	29	351	5	356
144	2045	ALT1	EB	AM	HOV		LA County Line to Monte Vista	2779145	0.26	3075		3075	52	50	788		788
145	2045	ALT1	EB	AM	HOV		Monte Vista Ave Off-Ramp to M	2779145	0.68	3075		3075	52	50	2080		2080
146	2045	ALT1	EB	AM	HOV		Monte Vista Ave/Palo Verde St	2779145	0.03	3075		3075	52	50	90		90
147	2045	ALT1	EB	AM	HOV		Central Ave Off-Ramp to Centr	2779145	0.57	3075		3075	52	50	1759		1759
148	2045	ALT1	EB	AM	HOV		Central Ave On-Ramp to Moun	2779145	0.21	3075		3075	52	50	640		640
149	2045	ALT1	EB	AM	HOV		Mountain Ave Off-Ramp to Mc	2779147	0.34	3345		3345	51	50	1147		1147
150	2045	ALT1	EB	AM	HOV		Mountain Ave On-Ramp to Euc	2779147	0.48	3345		3345	51	50	1599		1599
151	2045	ALT1	EB	AM	HOV		Euclid Ave Off-Ramp to Euclid /	2779147	0.65	3345		3345	51	50	2159		2159
152	2045	ALT1	EB	AM	HOV		Euclid Ave On-Ramp to San Be	2779147	0.51	3345		3345	51	50	1712		1712
153	2045	ALT1	EB	AM	HOV		San Bernardino Ave/4th St Off-	2779157	0.17	3918		3918	53	50	674		674
154	2045	ALT1	EB	AM	HOV		San Bernardino Ave/4th St On-	2779157	0.33	3918		3918	53	50	1289		1289
155	2045	ALT1	EB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2779157	0.24	3918		3918	53	50	958		958
156	2045	ALT1	EB	AM	HOV		Vineyard Ave On-Ramp to Arch	2779157	0.19	3918		3918	53	50	754		754
157	2045	ALT1	EB	AM	HOV		Archibald Ave Off-Ramp to Hol	2779157	0.34	3918		3918	53	50	1326		1326
158	2045	ALT1	EB	AM	HOV		Holt Blvd On-Ramp to Archibal	2779157	0.39	3918		3918	53	50	1528		1528
159	2045	ALT1	EB	AM	HOV		Archibald Ave On-Ramp to Hav	2779161	0.22	4734		4734	40	40	1057		1057
160	2045	ALT1	EB	AM	HOV		Haven Ave Off-Ramp to Haven	2779161	0.42	4734		4734	40	40	1969		1969
161	2045	ALT1	EB	AM	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2045	ALT1	EB	AM	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2045	ALT1	EB	AM	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2045	ALT1	EB	AM	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2045	ALT1	EB	AM	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2045	ALT1	EB	AM	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2045	ALT1	EB	AM	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
168	2045	ALT1	EB	AM	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2045	ALT1	EB	AM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2045	ALT1	EB	AM	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2045	ALT1	EB	AM	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2045	ALT1	EB	AM	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citr							50			
173	2045	ALT1	EB	AM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2045	ALT1	EB	AM	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2045	ALT1	EB	AM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2045	ALT1	EB	AM	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2045	ALT1	EB	AM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2045	ALT1	EB	AM	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2045	ALT1	EB	AM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2045	ALT1	EB	AM	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2045	ALT1	EB	AM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2045	ALT1	EB	AM	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2045	ALT1	EB	AM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2045	ALT1	EB	AM	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2045	ALT1	EB	AM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2045	ALT1	EB	AM	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2045	ALT1	EB	AM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2045	ALT1	EB	AM	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2045	ALT1	EB	AM	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9tl							50			
190	2045	ALT1	EB	AM	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2045	ALT1	EB	AM	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2045	ALT1	EB	AM	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2045	ALT1	EB	AM	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2045	ALT1	EB	AM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2045	ALT1	EB	AM	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2045	ALT1	EB	AM	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Rar							50			
197	2045	ALT1	EB	AM	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2045	ALT1	EB	AM	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2045	ALT1	EB	AM	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2045	ALT1	EB	AM	HOV		Anderson St On-Ramp to Mountain View Ave Off-I							50			
201	2045	ALT1	EB	AM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2045	ALT1	EB	AM	HOV		Mountain View Ave On-Ramp to California St Off-I							50			
203	2045	ALT1	EB	AM	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2045	ALT1	EB	AM	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2045	ALT1	EB	AM	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2045	ALT1	EB	AM	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2045	ALT1	EB	AM	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2045	ALT1	EB	AM	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2045	ALT1	EB	AM	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2045	ALT1	EB	AM	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2045	ALT1	EB	AM	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2045	ALT1	EB	AM	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2045	ALT1	EB	AM	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2045	ALT1	EB	AM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2045	ALT1	EB	AM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2045	ALT1	EB	MD	Mainline		LA County Line to Monte Vista	25707	0.26	39101	5078	44179	56	50	10018	1301	11319

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
2	2045	ALT1	EB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	35937	4931	40868	57	50	24308	3335	27643
3	2045	ALT1	EB	MD	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	38551	5094	43645	59	50	1125	149	1274
4	2045	ALT1	EB	MD	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	34866	4930	39796	58	50	19943	2820	22763
5	2045	ALT1	EB	MD	Mainline		Central Ave On-Ramp to Moun	23488	0.21	38509	5053	43562	59	50	8009	1051	9060
6	2045	ALT1	EB	MD	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	34611	4921	39532	58	50	11867	1687	13554
7	2045	ALT1	EB	MD	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	38978	5117	44095	56	50	18631	2446	21077
8	2045	ALT1	EB	MD	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	34399	4931	39330	58	50	22199	3182	25381
9	2045	ALT1	EB	MD	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	37719	5068	42787	56	50	19308	2594	21902
10	2045	ALT1	EB	MD	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	31928	4767	36695	59	50	5493	820	6313
11	2045	ALT1	EB	MD	Mainline		San Bernardino Ave/4th St On-	23534	0.33	36875	4938	41813	57	50	12134	1625	13759
12	2045	ALT1	EB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	33041	4589	37630	58	50	8078	1122	9200
13	2045	ALT1	EB	MD	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	38041	4773	42814	62	50	7319	918	8237
14	2045	ALT1	EB	MD	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	33819	4142	37961	61	50	11447	1402	12849
15	2045	ALT1	EB	MD	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	40579	4674	45253	58	50	15830	1823	17653
16	2045	ALT1	EB	MD	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	40011	4799	44810	58	50	8930	1071	10001
17	2045	ALT1	EB	MD	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	36162	4380	40542	56	50	15043	1822	16865
18	2045	ALT1	EB	MD	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	49326	4478	53804	54	50	15400	1398	16798
19	2045	ALT1	EB	MD	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	51110	4650	55760	57	50	11454	1042	12496
20	2045	ALT1	EB	MD	Mainline		Milliken Ave Off-Ramp to Milli	23622	0.53	45053	4130	49183	56	50	23892	2190	26082
21	2045	ALT1	EB	MD	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	48494	4363	52857	58	50	2576	232	2808
22	2045	ALT1	EB	MD	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	39606	3296	42902	59	50	9835	818	10653
23	2045	ALT1	EB	MD	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	33330	2795	36125	58	50	10223	857	11080
24	2045	ALT1	EB	MD	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	42448	3390	45838	59	50	9197	734	9931
25	2045	ALT1	EB	MD	Mainline		I-15 SB On-Ramp to Etiwanda /	24162	0.14	43479	3438	46917	57	50	6120	484	6604
26	2045	ALT1	EB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	41565	3022	44587	59	50	53184	3867	57051
27	2045	ALT1	EB	MD	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	43208	3194	46402	61	50	39946	2953	42899
28	2045	ALT1	EB	MD	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	37182	2644	39826	61	50	22651	1611	24262
29	2045	ALT1	EB	MD	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	41895	2945	44840	61	50	14934	1050	15984
30	2045	ALT1	EB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	39738	2749	42487	62	50	25167	1741	26908
31	2045	ALT1	EB	MD	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	41709	2859	44568	61	50	18691	1281	19972
32	2045	ALT1	EB	MD	Mainline		Citrus Ave Off-Ramp to Citrus /	24532	0.54	38895	2737	41632	60	50	20837	1466	22303
33	2045	ALT1	EB	MD	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	41513	2834	44347	59	50	19450	1328	20778
34	2045	ALT1	EB	MD	Mainline		Sierra Ave Off-Ramp to Sierra /	24384	0.64	36365	2624	38989	58	50	23180	1673	24853
35	2045	ALT1	EB	MD	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	40296	2711	43007	60	50	12464	839	13303
36	2045	ALT1	EB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	40296	2711	43007	60	50	14933	1005	15938
37	2045	ALT1	EB	MD	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	40296	2711	43007	60	50	20113	1353	21466
38	2045	ALT1	EB	MD	Mainline		Cedar Ave Off-Ramp to Cedar /	24203	0.85	35138	2335	37473	59	50	29825	1982	31807
39	2045	ALT1	EB	MD	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	37258	2428	39686	61	50	29637	1931	31568
40	2045	ALT1	EB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	33474	2236	35710	62	50	19310	1290	20600
41	2045	ALT1	EB	MD	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	37364	2398	39762	61	50	7457	479	7936
42	2045	ALT1	EB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	35162	2326	37488	59	50	23197	1534	24731
43	2045	ALT1	EB	MD	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	37329	2379	39708	61	50	9727	620	10347
44	2045	ALT1	EB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	37329	2379	39708	61	50	15381	980	16361
45	2045	ALT1	EB	MD	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	35894	2318	38212	61	50	6446	416	6862
46	2045	ALT1	EB	MD	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	33794	2214	36008	59	50	17890	1172	19062
47	2045	ALT1	EB	MD	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	35349	2249	37598	61	50	992	63	1055
48	2045	ALT1	EB	MD	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	33203	2179	35382	61	50	20112	1320	21432
49	2045	ALT1	EB	MD	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	34728	2220	36948	60	50	1681	107	1788
50	2045	ALT1	EB	MD	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	29810	1917	31727	60	50	28078	1806	29884

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
51	2045	ALT1	EB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	43317	2797	46114	58	50	4748	307	5055
52	2045	ALT1	EB	MD	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	54891	3566	58457	56	50	7108	462	7570
53	2045	ALT1	EB	MD	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	49863	3450	53313	55	50	5420	375	5795
54	2045	ALT1	EB	MD	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	46798	3281	50079	50	50	29553	2072	31625
55	2045	ALT1	EB	MD	Mainline		Waterman Ave On-Ramp to An	24356	0.28	49011	3371	52382	55	50	13847	952	14799
56	2045	ALT1	EB	MD	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	44769	3198	47967	52	50	18091	1292	19383
57	2045	ALT1	EB	MD	Mainline		Anderson St On-Ramp to Mour	24003	0.21	46519	3212	49731	60	50	9679	668	10347
58	2045	ALT1	EB	MD	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	41883	2966	44849	59	50	33106	2344	35450
59	2045	ALT1	EB	MD	Mainline		Mountain View Ave On-Ramp t	24040	0.18	45671	3081	48752	61	50	8383	566	8949
60	2045	ALT1	EB	MD	Mainline		California St Off-Ramp to Califc	24075	0.84	41668	2878	44546	59	50	35065	2422	37487
61	2045	ALT1	EB	MD	Mainline		California St On-Ramp to Alaba	24046	0.18	43660	2929	46589	61	50	7673	515	8188
62	2045	ALT1	EB	MD	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	39285	2790	42075	62	50	15382	1092	16474
63	2045	ALT1	EB	MD	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	33815	2587	36402	61	50	5973	457	6430
64	2045	ALT1	EB	MD	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	29423	2339	31762	60	50	18926	1505	20431
65	2045	ALT1	EB	MD	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	31777	2385	34162	60	50	6305	473	6778
66	2045	ALT1	EB	MD	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	40531	4280	44811	59	50	2051	217	2268
67	2045	ALT1	EB	MD	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	35252	4111	39363	58	50	15185	1771	16956
68	2045	ALT1	EB	MD	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	37136	4166	41302	60	50	11038	1238	12276
69	2045	ALT1	EB	MD	Mainline		University St Off-Ramp to Cypr	23724	0.80	32713	4032	36745	59	50	26023	3207	29230
70	2045	ALT1	EB	MD	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	33699	4055	37754	62	50	15427	1856	17283
71	2045	ALT1	EB	MD	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	21901	3996	25897	63	50	14238	2598	16836
72	2045	ALT1	EB	MD	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	24971	4031	29002	64	50	14732	2378	17110
73	2045	ALT1	EB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	3164	147	3311	19	19	598	28	626
74	2045	ALT1	EB	MD	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2614	163	2777	16	16	338	21	359
75	2045	ALT1	EB	MD	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3684	165	3849	16	16	479	21	500
76	2045	ALT1	EB	MD	Ramp	ON	Central Ave On-Ramp	2668755	0.19	3642	124	3766	14	14	682	23	705
77	2045	ALT1	EB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3459	132	3591	18	18	559	21	580
78	2045	ALT1	EB	MD	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	4367	196	4563	11	11	509	23	532
79	2045	ALT1	EB	MD	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	4579	186	4765	11	11	671	27	698
80	2045	ALT1	EB	MD	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	3319	138	3457	14	14	1161	48	1209
81	2045	ALT1	EB	MD	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	4747	302	5049	26	26	1507	96	1603
82	2045	ALT1	EB	MD	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	4947	171	5118	17	17	1164	40	1204
83	2045	ALT1	EB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	3834	349	4183	27	27	390	36	426
84	2045	ALT1	EB	MD	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	5641	184	5825	28	28	707	23	730
85	2045	ALT1	EB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4221	631	4852	31	31	1228	184	1412
86	2045	ALT1	EB	MD	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	6760	532	7292	20	20	1541	121	1662
87	2045	ALT1	EB	MD	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1655	125	1780	17	17	384	29	413
88	2045	ALT1	EB	MD	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	3850	419	4269	25	25	546	59	605
89	2045	ALT1	EB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1639	97	1736	17	17	200	12	212
90	2045	ALT1	EB	MD	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1783	173	1956	17	17	499	48	547
91	2045	ALT1	EB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	6057	520	6577	21	21	1069	92	1161
92	2045	ALT1	EB	MD	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3442	233	3675	12	12	666	45	711
93	2045	ALT1	EB	MD	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	8889	1067	9956	30	30	9868	1184	11052
94	2045	ALT1	EB	MD	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	6277	500	6777	22	22	3621	288	3909
95	2045	ALT1	EB	MD	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	9118	595	9713	12	12	1017	66	1083
96	2045	ALT1	EB	MD	Ramp	ON	I-15 SB On-Ramp	23557	1.20	1031	48	1079	35	35	1234	57	1291
97	2045	ALT1	EB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1915	416	2331	28	28	376	82	458
98	2045	ALT1	EB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1642	173	1815	28	28	587	62	649
99	2045	ALT1	EB	MD	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	6026	550	6576	29	29	1229	112	1341

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
100	2045	ALT1	EB	MD	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	4714	300	5014	28	28	1453	92	1545
101	2045	ALT1	EB	MD	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	2159	195	2354	34	34	745	67	812
102	2045	ALT1	EB	MD	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1971	110	2081	29	29	582	32	614
103	2045	ALT1	EB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2815	121	2936	33	33	377	16	393
104	2045	ALT1	EB	MD	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2619	96	2715	19	19	703	26	729
105	2045	ALT1	EB	MD	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	5147	210	5357	25	25	603	25	628
106	2045	ALT1	EB	MD	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3931	87	4018	13	13	115	3	118
107	2045	ALT1	EB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2627	164	2791	21	21	940	59	999
108	2045	ALT1	EB	MD	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	2447	59	2506	17	17	840	20	860
109	2045	ALT1	EB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4981	270	5251	25	25	911	49	960
110	2045	ALT1	EB	MD	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2122	92	2214	19	19	873	38	911
111	2045	ALT1	EB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	3786	191	3977	32	32	475	24	499
112	2045	ALT1	EB	MD	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3892	161	4053	18	18	1174	49	1223
113	2045	ALT1	EB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2203	71	2274	23	23	673	22	695
114	2045	ALT1	EB	MD	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	2166	53	2219	17	17	793	19	812
115	2045	ALT1	EB	MD	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2045	ALT1	EB	MD	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	976	22	998	19	19	311	7	318
117	2045	ALT1	EB	MD	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	2101	104	2205	24	24	521	26	547
118	2045	ALT1	EB	MD	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1555	35	1590	19	19	440	10	450
119	2045	ALT1	EB	MD	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	2145	71	2216	24	24	902	30	932
120	2045	ALT1	EB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1525	41	1566	19	19	396	11	407
121	2045	ALT1	EB	MD	Ramp	OFF	I-215 Off-Ramp	24444	0.24	4918	303	5221	34	34	1157	71	1228
122	2045	ALT1	EB	MD	Ramp	ON	I-215 NB On-Ramp	24630	0.87	13507	880	14387	26	26	11738	765	12503
123	2045	ALT1	EB	MD	Ramp	ON	I-215 SB On-Ramp	24516	0.76	11573	770	12343	28	28	8774	584	9358
124	2045	ALT1	EB	MD	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	5028	116	5144	6	6	457	11	468
125	2045	ALT1	EB	MD	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	3065	169	3234	17	17	763	42	805
126	2045	ALT1	EB	MD	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2215	89	2304	16	16	308	12	320
127	2045	ALT1	EB	MD	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	4242	173	4415	10	10	1068	44	1112
128	2045	ALT1	EB	MD	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1750	14	1764	17	17	180	1	181
129	2045	ALT1	EB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	4636	246	4882	15	15	1362	72	1434
130	2045	ALT1	EB	MD	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	3788	115	3903	29	29	864	26	890
131	2045	ALT1	EB	MD	Ramp	OFF	California St Off-Ramp	94801	0.46	4005	202	4207	20	20	1823	92	1915
132	2045	ALT1	EB	MD	Ramp	ON	California St On-Ramp	95942	0.39	1992	51	2043	28	28	772	20	792
133	2045	ALT1	EB	MD	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	4375	139	4514	18	18	1897	60	1957
134	2045	ALT1	EB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	5469	203	5672	29	29	4524	168	4692
135	2045	ALT1	EB	MD	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	4392	248	4640	17	17	1507	85	1592
136	2045	ALT1	EB	MD	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2354	46	2400	17	17	249	5	254
137	2045	ALT1	EB	MD	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	8753	1895	10648	27	27	9290	2011	11301
138	2045	ALT1	EB	MD	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	5278	169	5447	7	7	470	15	485
139	2045	ALT1	EB	MD	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1883	55	1938	18	18	558	16	574
140	2045	ALT1	EB	MD	Ramp	OFF	University St Off-Ramp	94695	0.28	4422	134	4556	12	12	1236	37	1273
141	2045	ALT1	EB	MD	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	985	23	1008	29	29	298	7	305
142	2045	ALT1	EB	MD	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3697	59	3756	23	23	1016	16	1032
143	2045	ALT1	EB	MD	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	3072	34	3106	29	29	1157	13	1170
144	2045	ALT1	EB	MD	HOV		LA County Line to Monte Vista	2779145	0.26	7181		7181	49	49	1840		1840
145	2045	ALT1	EB	MD	HOV		Monte Vista Ave Off-Ramp to M	2779145	0.68	7181		7181	49	49	4857		4857
146	2045	ALT1	EB	MD	HOV		Monte Vista Ave/Palo Verde St	2779145	0.03	7181		7181	49	49	210		210
147	2045	ALT1	EB	MD	HOV		Central Ave Off-Ramp to Centr	2779145	0.57	7181		7181	49	49	4107		4107
148	2045	ALT1	EB	MD	HOV		Central Ave On-Ramp to Moun	2779145	0.21	7181		7181	49	49	1494		1494

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
149	2045	ALT1	EB	MD	HOV		Mountain Ave Off-Ramp to Mc	2779147	0.34	7620		7620	48	48	2613		2613
150	2045	ALT1	EB	MD	HOV		Mountain Ave On-Ramp to Euc	2779147	0.48	7620		7620	48	48	3642		3642
151	2045	ALT1	EB	MD	HOV		Euclid Ave Off-Ramp to Euclid /	2779147	0.65	7620		7620	48	48	4917		4917
152	2045	ALT1	EB	MD	HOV		Euclid Ave On-Ramp to San Ber	2779147	0.51	7620		7620	48	48	3901		3901
153	2045	ALT1	EB	MD	HOV		San Bernardino Ave/4th St Off-	2779157	0.17	9304		9304	50	50	1601		1601
154	2045	ALT1	EB	MD	HOV		San Bernardino Ave/4th St On-	2779157	0.33	9304		9304	50	50	3061		3061
155	2045	ALT1	EB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2779157	0.24	9304		9304	50	50	2275		2275
156	2045	ALT1	EB	MD	HOV		Vineyard Ave On-Ramp to Arch	2779157	0.19	9304		9304	50	50	1790		1790
157	2045	ALT1	EB	MD	HOV		Archibald Ave Off-Ramp to Hol	2779157	0.34	9304		9304	50	50	3149		3149
158	2045	ALT1	EB	MD	HOV		Holt Blvd On-Ramp to Archibal	2779157	0.39	9304		9304	50	50	3630		3630
159	2045	ALT1	EB	MD	HOV		Archibald Ave On-Ramp to Hav	2779161	0.22	11527		11527	32	32	2573		2573
160	2045	ALT1	EB	MD	HOV		Haven Ave Off-Ramp to Haven	2779161	0.42	11527		11527	32	32	4795		4795
161	2045	ALT1	EB	MD	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2045	ALT1	EB	MD	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2045	ALT1	EB	MD	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2045	ALT1	EB	MD	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2045	ALT1	EB	MD	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2045	ALT1	EB	MD	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2045	ALT1	EB	MD	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2045	ALT1	EB	MD	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2045	ALT1	EB	MD	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2045	ALT1	EB	MD	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2045	ALT1	EB	MD	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2045	ALT1	EB	MD	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citr							50			
173	2045	ALT1	EB	MD	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2045	ALT1	EB	MD	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2045	ALT1	EB	MD	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2045	ALT1	EB	MD	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2045	ALT1	EB	MD	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2045	ALT1	EB	MD	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2045	ALT1	EB	MD	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2045	ALT1	EB	MD	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2045	ALT1	EB	MD	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2045	ALT1	EB	MD	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2045	ALT1	EB	MD	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2045	ALT1	EB	MD	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2045	ALT1	EB	MD	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2045	ALT1	EB	MD	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2045	ALT1	EB	MD	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2045	ALT1	EB	MD	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2045	ALT1	EB	MD	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9tl							50			
190	2045	ALT1	EB	MD	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2045	ALT1	EB	MD	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2045	ALT1	EB	MD	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2045	ALT1	EB	MD	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2045	ALT1	EB	MD	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2045	ALT1	EB	MD	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2045	ALT1	EB	MD	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Rar							50			
197	2045	ALT1	EB	MD	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
198	2045	ALT1	EB	MD	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2045	ALT1	EB	MD	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2045	ALT1	EB	MD	HOV		Anderson St On-Ramp to Mountain View Ave Off-F							50			
201	2045	ALT1	EB	MD	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2045	ALT1	EB	MD	HOV		Mountain View Ave On-Ramp to California St Off-F							50			
203	2045	ALT1	EB	MD	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2045	ALT1	EB	MD	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2045	ALT1	EB	MD	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2045	ALT1	EB	MD	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2045	ALT1	EB	MD	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2045	ALT1	EB	MD	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2045	ALT1	EB	MD	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2045	ALT1	EB	MD	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2045	ALT1	EB	MD	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2045	ALT1	EB	MD	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2045	ALT1	EB	MD	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2045	ALT1	EB	MD	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2045	ALT1	EB	MD	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2045	ALT1	EB	PM	Mainline		LA County Line to Monte Vista	25707	0.26	39762	1316	41078	37	37	10188	337	10525
2	2045	ALT1	EB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	36868	1256	38124	45	45	24938	850	25788
3	2045	ALT1	EB	PM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	39381	1365	40746	51	50	1150	40	1190
4	2045	ALT1	EB	PM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	36318	1292	37610	46	46	20773	739	21512
5	2045	ALT1	EB	PM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	39159	1367	40526	52	50	8144	284	8428
6	2045	ALT1	EB	PM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	35617	1314	36931	48	48	12212	451	12663
7	2045	ALT1	EB	PM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	38767	1437	40204	39	39	18530	687	19217
8	2045	ALT1	EB	PM	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	35068	1376	36444	48	48	22631	888	23519
9	2045	ALT1	EB	PM	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	37566	1463	39029	43	43	19230	749	19979
10	2045	ALT1	EB	PM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	31960	1334	33294	53	50	5498	229	5727
11	2045	ALT1	EB	PM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	35337	1426	36763	48	48	11628	469	12097
12	2045	ALT1	EB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	32694	1284	33978	52	50	7993	314	8307
13	2045	ALT1	EB	PM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	37981	1433	39414	57	50	7307	276	7583
14	2045	ALT1	EB	PM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	33444	1280	34724	56	50	11320	433	11753
15	2045	ALT1	EB	PM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	39107	1543	40650	49	49	15256	602	15858
16	2045	ALT1	EB	PM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	39806	1584	41390	48	48	8884	354	9238
17	2045	ALT1	EB	PM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	36961	1448	38409	42	42	15375	602	15977
18	2045	ALT1	EB	PM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	47040	1495	48535	28	28	14686	467	15153
19	2045	ALT1	EB	PM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	49816	1589	51405	39	39	11164	356	11520
20	2045	ALT1	EB	PM	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	46198	1372	47570	32	32	24499	728	25227
21	2045	ALT1	EB	PM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	49204	1464	50668	42	42	2614	78	2692
22	2045	ALT1	EB	PM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	40881	1261	42142	47	47	10151	313	10464
23	2045	ALT1	EB	PM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	35872	1024	36896	45	45	11002	314	11316
24	2045	ALT1	EB	PM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	43300	1588	44888	50	50	9381	344	9725
25	2045	ALT1	EB	PM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	43653	1604	45257	40	40	6145	226	6371
26	2045	ALT1	EB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	41686	1453	43139	36	36	53339	1859	55198
27	2045	ALT1	EB	PM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	43855	1580	45435	49	49	40544	1461	42005
28	2045	ALT1	EB	PM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	38661	1464	40125	47	47	23552	892	24444
29	2045	ALT1	EB	PM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	44419	1679	46098	47	47	15834	599	16433
30	2045	ALT1	EB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	42513	1605	44118	52	50	26924	1016	27940
31	2045	ALT1	EB	PM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	44315	1668	45983	48	48	19859	747	20606

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
32	2045	ALT1	EB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	40434	1591	42025	41	41	21662	852	22514
33	2045	ALT1	EB	PM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	42724	1659	44383	45	45	20018	777	20795
34	2045	ALT1	EB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	38067	1569	39636	41	41	24265	1000	25265
35	2045	ALT1	EB	PM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	41509	1627	43136	47	47	12839	503	13342
36	2045	ALT1	EB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	41509	1627	43136	47	47	15382	603	15985
37	2045	ALT1	EB	PM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	41509	1627	43136	47	47	20718	812	21530
38	2045	ALT1	EB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	35946	1499	37445	46	46	30511	1272	31783
39	2045	ALT1	EB	PM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	38045	1576	39621	53	50	30263	1254	31517
40	2045	ALT1	EB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	34044	1434	35478	55	50	19639	827	20466
41	2045	ALT1	EB	PM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	37845	1523	39368	53	50	7553	304	7857
42	2045	ALT1	EB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	35570	1487	37057	47	47	23466	981	24447
43	2045	ALT1	EB	PM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	37084	1518	38602	54	50	9663	396	10059
44	2045	ALT1	EB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	37084	1518	38602	54	50	15280	625	15905
45	2045	ALT1	EB	PM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	35573	1487	37060	55	50	6388	267	6655
46	2045	ALT1	EB	PM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	33940	1433	35373	50	50	17967	759	18726
47	2045	ALT1	EB	PM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	35859	1460	37319	55	50	1006	41	1047
48	2045	ALT1	EB	PM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	34118	1415	35533	56	50	20667	857	21524
49	2045	ALT1	EB	PM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	35453	1441	36894	54	50	1716	70	1786
50	2045	ALT1	EB	PM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	29102	1186	30288	54	50	27411	1117	28528
51	2045	ALT1	EB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	40076	1538	41614	48	48	4393	169	4562
52	2045	ALT1	EB	PM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	46876	1855	48731	46	46	6070	240	6310
53	2045	ALT1	EB	PM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	43255	1790	45045	40	40	4702	195	4897
54	2045	ALT1	EB	PM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	41190	1635	42825	26	26	26011	1032	27043
55	2045	ALT1	EB	PM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	43152	1668	44820	41	41	12191	471	12662
56	2045	ALT1	EB	PM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	40390	1591	41981	30	30	16321	643	16964
57	2045	ALT1	EB	PM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	42572	1598	44170	51	50	8857	332	9189
58	2045	ALT1	EB	PM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	39693	1495	41188	44	44	31375	1182	32557
59	2045	ALT1	EB	PM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	43954	1562	45516	49	49	8068	287	8355
60	2045	ALT1	EB	PM	Mainline		California St Off-Ramp to Califc	24075	0.84	41518	1440	42958	37	37	34939	1212	36151
61	2045	ALT1	EB	PM	Mainline		California St On-Ramp to Alaba	24046	0.18	45068	1480	46548	46	46	7921	260	8181
62	2045	ALT1	EB	PM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	42283	1394	43677	52	50	16556	546	17102
63	2045	ALT1	EB	PM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	35435	1289	36724	53	50	6259	228	6487
64	2045	ALT1	EB	PM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	32462	1178	33640	52	50	20881	758	21639
65	2045	ALT1	EB	PM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	34348	1188	35536	50	50	6815	236	7051
66	2045	ALT1	EB	PM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	44386	2456	46842	36	36	2246	124	2370
67	2045	ALT1	EB	PM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	40508	2368	42876	27	27	17450	1020	18470
68	2045	ALT1	EB	PM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	42669	2396	45065	42	42	12682	712	13394
69	2045	ALT1	EB	PM	Mainline		University St Off-Ramp to Cypr	23724	0.80	39440	2362	41802	32	32	31375	1879	33254
70	2045	ALT1	EB	PM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	41771	2389	44160	51	50	19122	1094	20216
71	2045	ALT1	EB	PM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	32356	2373	34729	55	50	21035	1543	22578
72	2045	ALT1	EB	PM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	37581	2441	40022	59	50	22171	1440	23611
73	2045	ALT1	EB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2892	61	2953	13	13	547	12	559
74	2045	ALT1	EB	PM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2513	109	2622	13	13	325	14	339
75	2045	ALT1	EB	PM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3063	73	3136	12	12	398	9	407
76	2045	ALT1	EB	PM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2841	75	2916	12	12	532	14	546
77	2045	ALT1	EB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3372	53	3425	9	9	545	9	554
78	2045	ALT1	EB	PM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	3150	123	3273	9	9	367	14	381
79	2045	ALT1	EB	PM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3700	61	3761	6	6	542	9	551
80	2045	ALT1	EB	PM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2498	87	2585	13	13	874	30	904

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
81	2045	ALT1	EB	PM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	5178	129	5307	21	21	1644	41	1685
82	2045	ALT1	EB	PM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3377	92	3469	17	17	794	22	816
83	2045	ALT1	EB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	2643	142	2785	27	27	269	14	283
84	2045	ALT1	EB	PM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	5593	149	5742	26	26	701	19	720
85	2045	ALT1	EB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4538	152	4690	28	28	1320	44	1364
86	2045	ALT1	EB	PM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5663	263	5926	16	16	1291	60	1351
87	2045	ALT1	EB	PM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1884	41	1925	15	15	437	10	447
88	2045	ALT1	EB	PM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2845	136	2981	25	25	404	19	423
89	2045	ALT1	EB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1281	47	1328	17	17	156	6	162
90	2045	ALT1	EB	PM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	2776	94	2870	10	10	777	26	803
91	2045	ALT1	EB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3618	217	3835	23	23	639	38	677
92	2045	ALT1	EB	PM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3006	92	3098	9	9	582	18	600
93	2045	ALT1	EB	PM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	8323	203	8526	28	28	9239	225	9464
94	2045	ALT1	EB	PM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	5009	237	5246	19	19	2889	137	3026
95	2045	ALT1	EB	PM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	7428	564	7992	4	4	828	63	891
96	2045	ALT1	EB	PM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	354	15	369	35	35	424	18	442
97	2045	ALT1	EB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1967	151	2118	27	27	386	30	416
98	2045	ALT1	EB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	2169	128	2297	27	27	776	46	822
99	2045	ALT1	EB	PM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	5194	116	5310	26	26	1059	24	1083
100	2045	ALT1	EB	PM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	5759	215	5974	26	26	1775	66	1841
101	2045	ALT1	EB	PM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	1908	73	1981	33	33	658	25	683
102	2045	ALT1	EB	PM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1803	63	1866	29	29	532	19	551
103	2045	ALT1	EB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	3881	77	3958	30	30	519	10	529
104	2045	ALT1	EB	PM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2290	68	2358	19	19	614	18	632
105	2045	ALT1	EB	PM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	4657	90	4747	22	22	546	11	557
106	2045	ALT1	EB	PM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3440	59	3499	8	8	101	2	103
107	2045	ALT1	EB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2195	39	2234	19	19	786	14	800
108	2045	ALT1	EB	PM	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1704	30	1734	16	16	585	10	595
109	2045	ALT1	EB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	5071	120	5191	21	21	927	22	949
110	2045	ALT1	EB	PM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2098	78	2176	19	19	863	32	895
111	2045	ALT1	EB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	4001	142	4143	30	30	502	18	520
112	2045	ALT1	EB	PM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3800	90	3890	17	17	1146	27	1173
113	2045	ALT1	EB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2275	36	2311	18	18	695	11	706
114	2045	ALT1	EB	PM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1514	31	1545	17	17	554	11	565
115	2045	ALT1	EB	PM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2045	ALT1	EB	PM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	762	16	778	19	19	243	5	248
117	2045	ALT1	EB	PM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1633	54	1687	22	22	405	13	418
118	2045	ALT1	EB	PM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1919	27	1946	19	19	543	8	551
119	2045	ALT1	EB	PM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1741	45	1786	22	22	732	19	751
120	2045	ALT1	EB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1335	26	1361	19	19	347	7	354
121	2045	ALT1	EB	PM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	6352	255	6607	33	33	1494	60	1554
122	2045	ALT1	EB	PM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	10974	352	11326	23	23	9537	306	9843
123	2045	ALT1	EB	PM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	6799	318	7117	30	30	5154	241	5395
124	2045	ALT1	EB	PM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3621	65	3686	4	4	329	6	335
125	2045	ALT1	EB	PM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	2065	155	2220	16	16	514	39	553
126	2045	ALT1	EB	PM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1962	33	1995	14	14	273	5	278
127	2045	ALT1	EB	PM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2762	77	2839	11	11	696	19	715
128	2045	ALT1	EB	PM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	2181	7	2188	14	14	224	1	225
129	2045	ALT1	EB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2879	103	2982	18	18	846	30	876

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
130	2045	ALT1	EB	PM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	4260	68	4328	27	27	971	16	987
131	2045	ALT1	EB	PM	Ramp	OFF	California St Off-Ramp	94801	0.46	2436	122	2558	22	22	1109	56	1165
132	2045	ALT1	EB	PM	Ramp	ON	California St On-Ramp	95942	0.39	3551	40	3591	24	24	1376	15	1391
133	2045	ALT1	EB	PM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2786	86	2872	19	19	1208	37	1245
134	2045	ALT1	EB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	6848	105	6953	28	28	5665	87	5752
135	2045	ALT1	EB	PM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2971	112	3083	17	17	1019	38	1057
136	2045	ALT1	EB	PM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1885	11	1896	16	16	200	1	201
137	2045	ALT1	EB	PM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	10038	1268	11306	22	22	10654	1346	12000
138	2045	ALT1	EB	PM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	3878	88	3966	4	4	345	8	353
139	2045	ALT1	EB	PM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	2162	28	2190	15	15	641	8	649
140	2045	ALT1	EB	PM	Ramp	OFF	University St Off-Ramp	94695	0.28	3229	34	3263	10	10	903	10	913
141	2045	ALT1	EB	PM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	2330	27	2357	27	27	705	8	713
142	2045	ALT1	EB	PM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3001	16	3017	18	18	825	4	829
143	2045	ALT1	EB	PM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	5226	68	5294	26	26	1968	26	1994
144	2045	ALT1	EB	PM	HOV		LA County Line to Monte Vista	2779145	0.26	6709		6709	40	40	1719		1719
145	2045	ALT1	EB	PM	HOV		Monte Vista Ave Off-Ramp to M	2779145	0.68	6709		6709	40	40	4538		4538
146	2045	ALT1	EB	PM	HOV		Monte Vista Ave/Palo Verde St	2779145	0.03	6709		6709	40	40	196		196
147	2045	ALT1	EB	PM	HOV		Central Ave Off-Ramp to Centr	2779145	0.57	6709		6709	40	40	3837		3837
148	2045	ALT1	EB	PM	HOV		Central Ave On-Ramp to Moun	2779145	0.21	6709		6709	40	40	1395		1395
149	2045	ALT1	EB	PM	HOV		Mountain Ave Off-Ramp to Mc	2779147	0.34	6879		6879	39	39	2359		2359
150	2045	ALT1	EB	PM	HOV		Mountain Ave On-Ramp to Euc	2779147	0.48	6879		6879	39	39	3288		3288
151	2045	ALT1	EB	PM	HOV		Euclid Ave Off-Ramp to Euclid /	2779147	0.65	6879		6879	39	39	4439		4439
152	2045	ALT1	EB	PM	HOV		Euclid Ave On-Ramp to San Be	2779147	0.51	6879		6879	39	39	3521		3521
153	2045	ALT1	EB	PM	HOV		San Bernardino Ave/4th St Off-	2779157	0.17	7613		7613	43	43	1310		1310
154	2045	ALT1	EB	PM	HOV		San Bernardino Ave/4th St On-	2779157	0.33	7613		7613	43	43	2505		2505
155	2045	ALT1	EB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2779157	0.24	7613		7613	43	43	1861		1861
156	2045	ALT1	EB	PM	HOV		Vineyard Ave On-Ramp to Arch	2779157	0.19	7613		7613	43	43	1465		1465
157	2045	ALT1	EB	PM	HOV		Archibald Ave Off-Ramp to Hol	2779157	0.34	7613		7613	43	43	2577		2577
158	2045	ALT1	EB	PM	HOV		Holt Blvd On-Ramp to Archibal	2779157	0.39	7613		7613	43	43	2970		2970
159	2045	ALT1	EB	PM	HOV		Archibald Ave On-Ramp to Hav	2779161	0.22	8799		8799	25	25	1964		1964
160	2045	ALT1	EB	PM	HOV		Haven Ave Off-Ramp to Haven	2779161	0.42	8799		8799	25	25	3660		3660
161	2045	ALT1	EB	PM	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2045	ALT1	EB	PM	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2045	ALT1	EB	PM	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2045	ALT1	EB	PM	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2045	ALT1	EB	PM	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2045	ALT1	EB	PM	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2045	ALT1	EB	PM	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2045	ALT1	EB	PM	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2045	ALT1	EB	PM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2045	ALT1	EB	PM	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2045	ALT1	EB	PM	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2045	ALT1	EB	PM	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citr							50			
173	2045	ALT1	EB	PM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2045	ALT1	EB	PM	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2045	ALT1	EB	PM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2045	ALT1	EB	PM	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2045	ALT1	EB	PM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2045	ALT1	EB	PM	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
179	2045	ALT1	EB	PM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2045	ALT1	EB	PM	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2045	ALT1	EB	PM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2045	ALT1	EB	PM	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2045	ALT1	EB	PM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2045	ALT1	EB	PM	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2045	ALT1	EB	PM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2045	ALT1	EB	PM	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2045	ALT1	EB	PM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2045	ALT1	EB	PM	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2045	ALT1	EB	PM	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9tl							50			
190	2045	ALT1	EB	PM	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2045	ALT1	EB	PM	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2045	ALT1	EB	PM	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2045	ALT1	EB	PM	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2045	ALT1	EB	PM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2045	ALT1	EB	PM	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2045	ALT1	EB	PM	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Rar							50			
197	2045	ALT1	EB	PM	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2045	ALT1	EB	PM	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2045	ALT1	EB	PM	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2045	ALT1	EB	PM	HOV		Anderson St On-Ramp to Mountain View Ave Off-F							50			
201	2045	ALT1	EB	PM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2045	ALT1	EB	PM	HOV		Mountain View Ave On-Ramp to California St Off-F							50			
203	2045	ALT1	EB	PM	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2045	ALT1	EB	PM	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2045	ALT1	EB	PM	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2045	ALT1	EB	PM	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2045	ALT1	EB	PM	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2045	ALT1	EB	PM	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			
209	2045	ALT1	EB	PM	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2045	ALT1	EB	PM	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2045	ALT1	EB	PM	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2045	ALT1	EB	PM	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2045	ALT1	EB	PM	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2045	ALT1	EB	PM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2045	ALT1	EB	PM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
1	2045	ALT1	EB	NT	Mainline		LA County Line to Monte Vista	25707	0.26	27963	9371	37334	62	50	7165	2401	9566
2	2045	ALT1	EB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	26576	9296	35872	62	50	17976	6288	24264
3	2045	ALT1	EB	NT	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	27831	9399	37230	63	50	812	274	1086
4	2045	ALT1	EB	NT	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	25481	9254	34735	62	50	14575	5293	19868
5	2045	ALT1	EB	NT	Mainline		Central Ave On-Ramp to Moun	23488	0.21	27918	9384	37302	63	50	5806	1952	7758
6	2045	ALT1	EB	NT	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	24834	9251	34085	63	50	8515	3172	11687
7	2045	ALT1	EB	NT	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	27742	9434	37176	62	50	13260	4509	17769
8	2045	ALT1	EB	NT	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	23938	9221	33159	62	50	15448	5951	21399
9	2045	ALT1	EB	NT	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	25991	9336	35327	62	50	13305	4779	18084
10	2045	ALT1	EB	NT	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	22304	9106	31410	63	50	3837	1567	5404
11	2045	ALT1	EB	NT	Mainline		San Bernardino Ave/4th St On-	23534	0.33	24927	9224	34151	62	50	8202	3035	11237
12	2045	ALT1	EB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	23332	8910	32242	63	50	5704	2178	7882

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
13	2045	ALT1	EB	NT	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	25118	9025	34143	64	50	4832	1736	6568
14	2045	ALT1	EB	NT	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	20955	8625	29580	64	50	7093	2919	10012
15	2045	ALT1	EB	NT	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	25568	9230	34798	63	50	9974	3601	13575
16	2045	ALT1	EB	NT	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	26091	9326	35417	63	50	5823	2081	7904
17	2045	ALT1	EB	NT	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	24034	8934	32968	62	50	9998	3716	13714
18	2045	ALT1	EB	NT	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	31790	9043	40833	62	50	9925	2823	12748
19	2045	ALT1	EB	NT	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	32926	9239	42165	63	50	7379	2071	9450
20	2045	ALT1	EB	NT	Mainline		Milliken Ave Off-Ramp to Millil	23622	0.53	30232	8804	39036	63	50	16032	4669	20701
21	2045	ALT1	EB	NT	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	32580	9088	41668	63	50	1731	483	2214
22	2045	ALT1	EB	NT	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	25263	4670	29933	63	50	6273	1160	7433
23	2045	ALT1	EB	NT	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	21327	4087	25414	63	50	6541	1254	7795
24	2045	ALT1	EB	NT	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	26684	4535	31219	63	50	5781	983	6764
25	2045	ALT1	EB	NT	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	27317	4582	31899	63	50	3845	645	4490
26	2045	ALT1	EB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	26592	4238	30830	64	50	34025	5423	39448
27	2045	ALT1	EB	NT	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	27309	4375	31684	64	50	25247	4045	29292
28	2045	ALT1	EB	NT	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	22477	3821	26298	64	50	13693	2328	16021
29	2045	ALT1	EB	NT	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	25305	4096	29401	64	50	9020	1460	10480
30	2045	ALT1	EB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	24508	3973	28481	64	50	15521	2516	18037
31	2045	ALT1	EB	NT	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	25401	4068	29469	64	50	11383	1823	13206
32	2045	ALT1	EB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	23317	3964	27281	64	50	12492	2124	14616
33	2045	ALT1	EB	NT	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	24775	4051	28826	64	50	11608	1898	13506
34	2045	ALT1	EB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	21486	3839	25325	63	50	13696	2447	16143
35	2045	ALT1	EB	NT	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	23586	3911	27497	64	50	7296	1210	8506
36	2045	ALT1	EB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	23586	3911	27497	64	50	8740	1449	10189
37	2045	ALT1	EB	NT	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	23586	3911	27497	64	50	11773	1952	13725
38	2045	ALT1	EB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	19630	3550	23180	64	50	16662	3013	19675
39	2045	ALT1	EB	NT	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	20695	3613	24308	64	50	16462	2874	19336
40	2045	ALT1	EB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	19047	3475	22522	64	50	10988	2005	12993
41	2045	ALT1	EB	NT	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	21176	3624	24800	64	50	4226	723	4949
42	2045	ALT1	EB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	19512	3555	23067	64	50	12872	2345	15217
43	2045	ALT1	EB	NT	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	20709	3607	24316	64	50	5396	940	6336
44	2045	ALT1	EB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	20709	3607	24316	64	50	8533	1486	10019
45	2045	ALT1	EB	NT	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	19934	3557	23491	64	50	3580	639	4219
46	2045	ALT1	EB	NT	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	18361	3436	21797	64	50	9720	1819	11539
47	2045	ALT1	EB	NT	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	19110	3466	22576	64	50	536	97	633
48	2045	ALT1	EB	NT	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	18030	3417	21447	64	50	10921	2070	12991
49	2045	ALT1	EB	NT	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	18739	3449	22188	64	50	907	167	1074
50	2045	ALT1	EB	NT	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	16881	3228	20109	64	50	15900	3040	18940
51	2045	ALT1	EB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	26000	4158	30158	63	50	2850	456	3306
52	2045	ALT1	EB	NT	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	33746	5100	38846	63	50	4370	660	5030
53	2045	ALT1	EB	NT	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	30049	4746	34795	63	50	3266	516	3782
54	2045	ALT1	EB	NT	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	29913	4726	34639	62	50	18890	2984	21874
55	2045	ALT1	EB	NT	Mainline		Waterman Ave On-Ramp to An	24356	0.28	31420	4814	36234	63	50	8877	1360	10237
56	2045	ALT1	EB	NT	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	27943	4560	32503	62	50	11292	1843	13135
57	2045	ALT1	EB	NT	Mainline		Anderson St On-Ramp to Mour	24003	0.21	29065	4573	33638	64	50	6047	951	6998
58	2045	ALT1	EB	NT	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	26652	4367	31019	64	50	21067	3452	24519
59	2045	ALT1	EB	NT	Mainline		Mountain View Ave On-Ramp t	24040	0.18	29520	4480	34000	64	50	5418	822	6240
60	2045	ALT1	EB	NT	Mainline		California St Off-Ramp to Califc	24075	0.84	27689	4254	31943	64	50	23301	3580	26881
61	2045	ALT1	EB	NT	Mainline		California St On-Ramp to Alaba	24046	0.18	29015	4297	33312	64	50	5099	755	5854

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
62	2045	ALT1	EB	NT	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	26068	4095	30163	64	50	10207	1603	11810
63	2045	ALT1	EB	NT	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	22981	3915	26896	64	50	4059	692	4751
64	2045	ALT1	EB	NT	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	20286	3693	23979	63	50	13049	2375	15424
65	2045	ALT1	EB	NT	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	21935	3735	25670	63	50	4352	741	5093
66	2045	ALT1	EB	NT	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	26068	4677	30745	64	50	1319	237	1556
67	2045	ALT1	EB	NT	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	22885	4492	27377	63	50	9858	1935	11793
68	2045	ALT1	EB	NT	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	24209	4535	28744	64	50	7196	1348	8544
69	2045	ALT1	EB	NT	Mainline		University St Off-Ramp to Cypr	23724	0.80	20563	4405	24968	63	50	16358	3504	19862
70	2045	ALT1	EB	NT	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	21265	4419	25684	64	50	9735	2023	11758
71	2045	ALT1	EB	NT	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	14766	4380	19146	64	50	9599	2847	12446
72	2045	ALT1	EB	NT	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	15998	4404	20402	65	50	9438	2598	12036
73	2045	ALT1	EB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1388	75	1463	28	28	263	14	277
74	2045	ALT1	EB	NT	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1256	103	1359	19	19	162	13	175
75	2045	ALT1	EB	NT	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2350	145	2495	26	26	305	19	324
76	2045	ALT1	EB	NT	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2439	129	2568	18	18	457	24	481
77	2045	ALT1	EB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	2728	133	2861	25	25	441	22	463
78	2045	ALT1	EB	NT	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2906	184	3090	18	18	339	21	360
79	2045	ALT1	EB	NT	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3804	213	4017	23	23	557	31	588
80	2045	ALT1	EB	NT	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2055	114	2169	18	18	719	40	759
81	2045	ALT1	EB	NT	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	3170	230	3400	29	29	1007	73	1080
82	2045	ALT1	EB	NT	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	2623	118	2741	19	19	617	28	645
83	2045	ALT1	EB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1595	314	1909	29	29	162	32	194
84	2045	ALT1	EB	NT	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2681	115	2796	30	30	336	14	350
85	2045	ALT1	EB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4163	400	4563	33	33	1211	116	1327
86	2045	ALT1	EB	NT	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	4612	605	5217	27	27	1051	138	1189
87	2045	ALT1	EB	NT	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1261	96	1357	19	19	293	22	315
88	2045	ALT1	EB	NT	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2057	392	2449	29	29	292	56	348
89	2045	ALT1	EB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1091	109	1200	19	19	133	13	146
90	2045	ALT1	EB	NT	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1136	196	1332	19	19	318	55	373
91	2045	ALT1	EB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2693	436	3129	28	28	475	77	552
92	2045	ALT1	EB	NT	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2348	284	2632	17	17	454	55	509
93	2045	ALT1	EB	NT	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	7317	4417	11734	31	31	8123	4903	13026
94	2045	ALT1	EB	NT	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3936	583	4519	31	31	2270	336	2606
95	2045	ALT1	EB	NT	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	5356	449	5805	30	30	597	50	647
96	2045	ALT1	EB	NT	Ramp	ON	I-15 SB On-Ramp	23557	1.20	632	47	679	35	35	757	56	813
97	2045	ALT1	EB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	725	344	1069	29	29	142	68	210
98	2045	ALT1	EB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	719	136	855	30	30	257	49	306
99	2045	ALT1	EB	NT	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4833	553	5386	33	33	985	113	1098
100	2045	ALT1	EB	NT	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2827	275	3102	29	29	871	85	956
101	2045	ALT1	EB	NT	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	796	124	920	35	35	275	43	318
102	2045	ALT1	EB	NT	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	892	96	988	30	30	263	28	291
103	2045	ALT1	EB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2083	105	2188	34	34	279	14	293
104	2045	ALT1	EB	NT	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1458	87	1545	20	20	391	23	414
105	2045	ALT1	EB	NT	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	3290	211	3501	29	29	386	25	411
106	2045	ALT1	EB	NT	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2100	72	2172	18	18	62	2	64
107	2045	ALT1	EB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2054	167	2221	26	26	735	60	795
108	2045	ALT1	EB	NT	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1420	52	1472	19	19	488	18	506
109	2045	ALT1	EB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	3321	246	3567	29	29	607	45	652
110	2045	ALT1	EB	NT	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1065	63	1128	20	20	438	26	464

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
111	2045	ALT1	EB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1648	138	1786	34	34	207	17	224
112	2045	ALT1	EB	NT	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	2129	149	2278	20	20	642	45	687
113	2045	ALT1	EB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1664	69	1733	27	27	508	21	529
114	2045	ALT1	EB	NT	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1196	52	1248	19	19	438	19	457
115	2045	ALT1	EB	NT	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2045	ALT1	EB	NT	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	466	12	478	20	20	148	4	152
117	2045	ALT1	EB	NT	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1573	121	1694	27	27	390	30	420
118	2045	ALT1	EB	NT	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	749	30	779	20	20	212	8	220
119	2045	ALT1	EB	NT	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1080	49	1129	28	28	454	21	475
120	2045	ALT1	EB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	709	32	741	20	20	184	8	192
121	2045	ALT1	EB	NT	Ramp	OFF	I-215 Off-Ramp	24444	0.24	1858	221	2079	35	35	437	52	489
122	2045	ALT1	EB	NT	Ramp	ON	I-215 NB On-Ramp	24630	0.87	9117	931	10048	33	33	7923	809	8732
123	2045	ALT1	EB	NT	Ramp	ON	I-215 SB On-Ramp	24516	0.76	7747	942	8689	33	33	5873	714	6587
124	2045	ALT1	EB	NT	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3698	354	4052	20	20	336	32	368
125	2045	ALT1	EB	NT	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	136	20	156	30	30	34	5	39
126	2045	ALT1	EB	NT	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1508	88	1596	19	19	210	12	222
127	2045	ALT1	EB	NT	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3478	254	3732	21	21	876	64	940
128	2045	ALT1	EB	NT	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1123	13	1136	19	19	115	1	116
129	2045	ALT1	EB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2413	206	2619	31	31	709	61	770
130	2045	ALT1	EB	NT	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	2868	113	2981	29	29	654	26	680
131	2045	ALT1	EB	NT	Ramp	OFF	California St Off-Ramp	94801	0.46	1831	226	2057	32	32	833	103	936
132	2045	ALT1	EB	NT	Ramp	ON	California St On-Ramp	95942	0.39	1326	43	1369	29	29	514	17	531
133	2045	ALT1	EB	NT	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2948	201	3149	30	30	1278	87	1365
134	2045	ALT1	EB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	3086	181	3267	30	30	2553	150	2703
135	2045	ALT1	EB	NT	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2695	222	2917	31	31	925	76	1001
136	2045	ALT1	EB	NT	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1648	43	1691	19	19	175	5	180
137	2045	ALT1	EB	NT	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	4133	941	5074	29	29	4386	999	5385
138	2045	ALT1	EB	NT	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	3184	184	3368	24	24	284	16	300
139	2045	ALT1	EB	NT	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1326	42	1368	19	19	393	12	405
140	2045	ALT1	EB	NT	Ramp	OFF	University St Off-Ramp	94695	0.28	3646	130	3776	23	23	1019	36	1055
141	2045	ALT1	EB	NT	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	701	15	716	30	30	212	5	217
142	2045	ALT1	EB	NT	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1648	39	1687	33	33	453	11	464
143	2045	ALT1	EB	NT	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	1232	24	1256	30	30	464	9	473
144	2045	ALT1	EB	NT	HOV		LA County Line to Monte Vista	2779145	0.26	4159		4159	60	50	1066		1066
145	2045	ALT1	EB	NT	HOV		Monte Vista Ave Off-Ramp to M	2779145	0.68	4159		4159	60	50	2813		2813
146	2045	ALT1	EB	NT	HOV		Monte Vista Ave/Palo Verde St	2779145	0.03	4159		4159	60	50	121		121
147	2045	ALT1	EB	NT	HOV		Central Ave Off-Ramp to Centr	2779145	0.57	4159		4159	60	50	2379		2379
148	2045	ALT1	EB	NT	HOV		Central Ave On-Ramp to Moun	2779145	0.21	4159		4159	60	50	865		865
149	2045	ALT1	EB	NT	HOV		Mountain Ave Off-Ramp to Mc	2779147	0.34	4515		4515	60	50	1548		1548
150	2045	ALT1	EB	NT	HOV		Mountain Ave On-Ramp to Euc	2779147	0.48	4515		4515	60	50	2158		2158
151	2045	ALT1	EB	NT	HOV		Euclid Ave Off-Ramp to Euclid /	2779147	0.65	4515		4515	60	50	2914		2914
152	2045	ALT1	EB	NT	HOV		Euclid Ave On-Ramp to San Be	2779147	0.51	4515		4515	60	50	2311		2311
153	2045	ALT1	EB	NT	HOV		San Bernardino Ave/4th St Off-	2779157	0.17	5927		5927	61	50	1020		1020
154	2045	ALT1	EB	NT	HOV		San Bernardino Ave/4th St On-	2779157	0.33	5927		5927	61	50	1950		1950
155	2045	ALT1	EB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2779157	0.24	5927		5927	61	50	1449		1449
156	2045	ALT1	EB	NT	HOV		Vineyard Ave On-Ramp to Arch	2779157	0.19	5927		5927	61	50	1140		1140
157	2045	ALT1	EB	NT	HOV		Archibald Ave Off-Ramp to Hol	2779157	0.34	5927		5927	61	50	2006		2006
158	2045	ALT1	EB	NT	HOV		Holt Blvd On-Ramp to Archibal	2779157	0.39	5927		5927	61	50	2312		2312
159	2045	ALT1	EB	NT	HOV		Archibald Ave On-Ramp to Hav	2779161	0.22	6665		6665	56	50	1488		1488

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
160	2045	ALT1	EB	NT	HOV		Haven Ave Off-Ramp to Haven	2779161	0.42	6665		6665	56	50	2773		2773
161	2045	ALT1	EB	NT	HOV		Haven Ave Loop On-Ramp to Haven Ave On-Ramp							50			
162	2045	ALT1	EB	NT	HOV		Haven Ave On-Ramp to Milliken Ave Off-Ramp							50			
163	2045	ALT1	EB	NT	HOV		Milliken Ave Off-Ramp to Milliken Ave Loop On-Ra							50			
164	2045	ALT1	EB	NT	HOV		Milliken Ave Loop On-Ramp to I-15 NB Off-Ramp							50			
165	2045	ALT1	EB	NT	HOV		I-15 NB Off-Ramp to I-15 SB Off-Ramp							50			
166	2045	ALT1	EB	NT	HOV		I-15 SB Off-Ramp to I-15 NB On-Ramp							50			
167	2045	ALT1	EB	NT	HOV		I-15 NB On-Ramp to I-15 SB On-Ramp							50			
168	2045	ALT1	EB	NT	HOV		I-15 SB On-Ramp to Etiwanda Ave Off-Ramp							50			
169	2045	ALT1	EB	NT	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave On-Ramp							50			
170	2045	ALT1	EB	NT	HOV		Etiwanda Ave On-Ramp to Cherry Ave Off-Ramp							50			
171	2045	ALT1	EB	NT	HOV		Cherry Ave Off-Ramp to Cherry Ave On-Ramp							50			
172	2045	ALT1	EB	NT	HOV		Cherry Ave On-Ramp to Beach Ave Off-Ramp (Citr							50			
173	2045	ALT1	EB	NT	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp (Futu							50			
174	2045	ALT1	EB	NT	HOV		BeachAve On-Ramp to Citrus Ave Off-Ramp (Futur							50			
175	2045	ALT1	EB	NT	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
176	2045	ALT1	EB	NT	HOV		Citrus Ave On-Ramp to Sierra Ave Off-Ramp							50			
177	2045	ALT1	EB	NT	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
178	2045	ALT1	EB	NT	HOV		Sierra Ave On-Ramp to Alder Ave Off-Ramp (Cedar							50			
179	2045	ALT1	EB	NT	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
180	2045	ALT1	EB	NT	HOV		Alder Ave On-Ramp to Cedar Ave Off-Ramp (Futur							50			
181	2045	ALT1	EB	NT	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
182	2045	ALT1	EB	NT	HOV		Cedar Ave On-Ramp to Riverside Ave Off-Ramp							50			
183	2045	ALT1	EB	NT	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
184	2045	ALT1	EB	NT	HOV		Riverside Ave On-Ramp to Pepper Ave Off-Ramp							50			
185	2045	ALT1	EB	NT	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
186	2045	ALT1	EB	NT	HOV		Pepper Ave On-Ramp to Rancho Ave Off-Ramp							50			
187	2045	ALT1	EB	NT	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
188	2045	ALT1	EB	NT	HOV		Rancho Ave On-Ramp to La Cadena Dr Off-Ramp							50			
189	2045	ALT1	EB	NT	HOV		La Cadena Dr/9th St Off-Ramp to La Cadena Dr/9th							50			
190	2045	ALT1	EB	NT	HOV		La Cadena Dr/9th St On-Ramp to Mt Vernon Ave C							50			
191	2045	ALT1	EB	NT	HOV		Mt Vernon Ave Off-Ramp to Mt Vernon Ave On-Ra							50			
192	2045	ALT1	EB	NT	HOV		Mt Vernon Ave On-Ramp to I-215 Off-Ramp							50			
193	2045	ALT1	EB	NT	HOV		I-215 Off-Ramp to I-215 NB On-Ramp							50			
194	2045	ALT1	EB	NT	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
195	2045	ALT1	EB	NT	HOV		I-215 SB On-Ramp to Redlands Blvd Off-Ramp							50			
196	2045	ALT1	EB	NT	HOV		Redlands Blvd Off-Ramp to Waterman Ave Off-Ran							50			
197	2045	ALT1	EB	NT	HOV		Waterman Ave Off-Ramp to Waterman Ave On-Ra							50			
198	2045	ALT1	EB	NT	HOV		Waterman Ave On-Ramp to Anderson St Off-Ramp							50			
199	2045	ALT1	EB	NT	HOV		Anderson St Off-Ramp to Anderson St On-Ramp							50			
200	2045	ALT1	EB	NT	HOV		Anderson St On-Ramp to Mountain View Ave Off-I							50			
201	2045	ALT1	EB	NT	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
202	2045	ALT1	EB	NT	HOV		Mountain View Ave On-Ramp to California St Off-I							50			
203	2045	ALT1	EB	NT	HOV		California St Off-Ramp to California St On-Ramp							50			
204	2045	ALT1	EB	NT	HOV		California St On-Ramp to Alabama St Off-Ramp							50			
205	2045	ALT1	EB	NT	HOV		Alabama St Off-Ramp to SR-210 NB Off-Ramp							50			
206	2045	ALT1	EB	NT	HOV		SR-210 NB Off-Ramp to Tennessee St Off-Ramp							50			
207	2045	ALT1	EB	NT	HOV		Tennessee St Off-Ramp to Tennessee St On-Ramp							50			
208	2045	ALT1	EB	NT	HOV		Tennessee St On-Ramp to SR-210 SB On-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
209	2045	ALT1	EB	NT	HOV		SR-210 SB On-Ramp to Eureka St/Pearl Ave Off-Ra							50			
210	2045	ALT1	EB	NT	HOV		Eureka St/Pearl Ave Off-Ramp to Pearl Ave On-Rar							50			
211	2045	ALT1	EB	NT	HOV		Pearl Ave On-Ramp to University St Off-Ramp							50			
212	2045	ALT1	EB	NT	HOV		University St Off-Ramp to Cypress Ave On-Ramp							50			
213	2045	ALT1	EB	NT	HOV		Cypress Ave On-Ramp to Ford St Off-Ramp							50			
214	2045	ALT1	EB	NT	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp							50			
215	2045	ALT1	EB	NT	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp							50			
216	2045	ALT1	WB	AM	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	26985	1539	28524	55	50	10852	619	11471
217	2045	ALT1	WB	AM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	24393	1503	25896	53	50	19057	1174	20231
218	2045	ALT1	WB	AM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	30159	1518	31677	49	49	15029	756	15785
219	2045	ALT1	WB	AM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	29208	1511	30719	33	33	21879	1132	23011
220	2045	ALT1	WB	AM	Mainline		University St On-Ramp to 6th S	23726	0.38	31576	1534	33110	45	45	11981	582	12563
221	2045	ALT1	WB	AM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	30144	1513	31657	31	31	10841	544	11385
222	2045	ALT1	WB	AM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	32075	1550	33625	43	43	12015	581	12596
223	2045	ALT1	WB	AM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	33578	1584	35162	37	37	5791	273	6064
224	2045	ALT1	WB	AM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	25977	786	26763	50	50	6924	209	7133
225	2045	ALT1	WB	AM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	25245	783	26028	51	50	4405	137	4542
226	2045	ALT1	WB	AM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	23985	770	24755	57	50	18777	603	19380
227	2045	ALT1	WB	AM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	27916	807	28723	58	50	7287	211	7498
228	2045	ALT1	WB	AM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	32211	936	33147	58	50	3919	114	4033
229	2045	ALT1	WB	AM	Mainline		California St Off-Ramp to Califc	24044	0.86	29771	913	30684	45	45	25661	787	26448
230	2045	ALT1	WB	AM	Mainline		California St On-Ramp to Mour	24077	0.19	31040	988	32028	54	50	5973	190	6163
231	2045	ALT1	WB	AM	Mainline		Mountain View Ave Off-Ramp	24041	0.22	28425	956	29381	49	49	6325	213	6538
232	2045	ALT1	WB	AM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	30485	1038	31523	55	50	6302	215	6517
233	2045	ALT1	WB	AM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	28635	1031	29666	39	39	21692	781	22473
234	2045	ALT1	WB	AM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	30301	1072	31373	47	47	3379	120	3499
235	2045	ALT1	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	28426	1041	29467	39	39	13526	495	14021
236	2045	ALT1	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	29692	1118	30810	49	49	8367	315	8682
237	2045	ALT1	WB	AM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	18774	738	19512	57	50	13190	518	13708
238	2045	ALT1	WB	AM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	19846	775	20621	56	50	4153	162	4315
239	2045	ALT1	WB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	20255	784	21039	56	50	3705	143	3848
240	2045	ALT1	WB	AM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	24871	896	25767	56	50	4607	166	4773
241	2045	ALT1	WB	AM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	23439	878	24317	54	50	17026	638	17664
242	2045	ALT1	WB	AM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	24981	916	25897	57	50	1157	42	1199
243	2045	ALT1	WB	AM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	23676	900	24576	53	50	14667	558	15225
244	2045	ALT1	WB	AM	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	24497	927	25424	57	50	2158	82	2240
245	2045	ALT1	WB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	23669	918	24587	53	50	13827	536	14363
246	2045	ALT1	WB	AM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	25273	947	26220	57	50	10530	395	10925
247	2045	ALT1	WB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	23756	919	24675	53	50	14127	547	14674
248	2045	ALT1	WB	AM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	25250	940	26190	57	50	4299	160	4459
249	2045	ALT1	WB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	22861	888	23749	58	50	13492	524	14016
250	2045	ALT1	WB	AM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	25663	981	26644	56	50	21881	836	22717
251	2045	ALT1	WB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	24034	920	24954	53	50	17461	668	18129
252	2045	ALT1	WB	AM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	27002	979	27981	55	50	14146	513	14659
253	2045	ALT1	WB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	27002	979	27981	55	50	10131	367	10498
254	2045	ALT1	WB	AM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	27002	979	27981	55	50	9766	354	10120
255	2045	ALT1	WB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	25381	947	26328	50	50	17511	653	18164
256	2045	ALT1	WB	AM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	27321	977	28298	55	50	10647	381	11028
257	2045	ALT1	WB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	25912	934	26846	49	49	13967	503	14470

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
258	2045	ALT1	WB	AM	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	29450	1011	30461	56	50	12316	423	12739
259	2045	ALT1	WB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	28447	978	29425	57	50	17938	617	18555
260	2045	ALT1	WB	AM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	30360	1021	31381	55	50	11975	403	12378
261	2045	ALT1	WB	AM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	26974	903	27877	53	50	14848	497	15345
262	2045	ALT1	WB	AM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	30727	997	31724	54	50	38961	1264	40225
263	2045	ALT1	WB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	29190	918	30108	47	47	19822	623	20445
264	2045	ALT1	WB	AM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	29922	983	30905	33	33	7789	256	8045
265	2045	ALT1	WB	AM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	30631	1024	31655	47	47	4076	136	4212
266	2045	ALT1	WB	AM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	25201	859	26060	49	49	14296	487	14783
267	2045	ALT1	WB	AM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	32543	1042	33585	41	41	4327	139	4466
268	2045	ALT1	WB	AM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	35710	1161	36871	56	50	737	24	761
269	2045	ALT1	WB	AM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	32423	1063	33486	42	42	18818	617	19435
270	2045	ALT1	WB	AM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	33331	1172	34503	38	38	8320	293	8613
271	2045	ALT1	WB	AM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	25731	1077	26808	47	47	10582	443	11025
272	2045	ALT1	WB	AM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	26287	1118	27405	46	46	7589	323	7912
273	2045	ALT1	WB	AM	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	26997	1181	28178	53	50	7379	323	7702
274	2045	ALT1	WB	AM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	25680	1156	26836	55	50	8333	375	8708
275	2045	ALT1	WB	AM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	21233	979	22212	59	50	13284	612	13896
276	2045	ALT1	WB	AM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	23318	1080	24398	61	50	3568	165	3733
277	2045	ALT1	WB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	21590	1038	22628	59	50	7806	375	8181
278	2045	ALT1	WB	AM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	22075	1114	23189	59	50	4201	212	4413
279	2045	ALT1	WB	AM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	22999	1130	24129	54	50	8369	411	8780
280	2045	ALT1	WB	AM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	20721	1065	21786	56	50	8051	414	8465
281	2045	ALT1	WB	AM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	24442	1150	25592	52	50	6332	298	6630
282	2045	ALT1	WB	AM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	22519	1098	23617	54	50	8972	437	9409
283	2045	ALT1	WB	AM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	24426	1122	25548	52	50	8771	403	9174
284	2045	ALT1	WB	AM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	26531	1151	27682	47	47	11221	487	11708
285	2045	ALT1	WB	AM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	24367	1002	25369	52	50	7954	327	8281
286	2045	ALT1	WB	AM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	26667	1036	27703	47	47	7318	284	7602
287	2045	ALT1	WB	AM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	23689	970	24659	53	50	12471	511	12982
288	2045	ALT1	WB	AM	Mainline		Central Ave On-Ramp to Monte	23492	0.05	26094	1013	27107	56	50	1317	51	1368
289	2045	ALT1	WB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	24807	954	25761	51	50	13891	534	14425
290	2045	ALT1	WB	AM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	2591	37	2628	31	31	1393	20	1413
291	2045	ALT1	WB	AM	Ramp	ON	Ford St On-Ramp	94684	0.23	1688	16	1704	27	27	381	4	385
292	2045	ALT1	WB	AM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	950	8	958	30	30	264	2	266
293	2045	ALT1	WB	AM	Ramp	ON	University St On-Ramp	94674	0.21	2368	23	2391	10	10	501	5	506
294	2045	ALT1	WB	AM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1434	20	1454	21	21	380	5	385
295	2045	ALT1	WB	AM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	1931	37	1968	13	13	372	7	379
296	2045	ALT1	WB	AM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1504	33	1537	15	15	236	5	241
297	2045	ALT1	WB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	7601	798	8399	22	22	6571	690	7261
298	2045	ALT1	WB	AM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	731	3	734	26	26	49		49
299	2045	ALT1	WB	AM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	1261	13	1274	28	28	456	5	461
300	2045	ALT1	WB	AM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	3933	36	3969	29	29	3923	36	3959
301	2045	ALT1	WB	AM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	4295	129	4424	16	16	513	15	528
302	2045	ALT1	WB	AM	Ramp	OFF	California St Off-Ramp	94793	0.13	2442	22	2464	15	15	316	3	319
303	2045	ALT1	WB	AM	Ramp	ON	California St On-Ramp	2676730	0.11	1269	75	1344	28	28	145	9	154
304	2045	ALT1	WB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2615	32	2647	12	12	305	4	309
305	2045	ALT1	WB	AM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2060	83	2143	26	26	281	11	292
306	2045	ALT1	WB	AM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1850	7	1857	14	14	402	2	404

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
307	2045	ALT1	WB	AM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	1666	41	1707	13	13	206	5	211
308	2045	ALT1	WB	AM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1875	31	1906	14	14	458	8	466
309	2045	ALT1	WB	AM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	1266	77	1343	15	15	167	10	177
310	2045	ALT1	WB	AM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	10918	380	11298	24	24	1917	67	1984
311	2045	ALT1	WB	AM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1072	37	1109	16	16	354	12	366
312	2045	ALT1	WB	AM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	410	8	418	24	24	218	4	222
313	2045	ALT1	WB	AM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4616	112	4728	31	31	1978	48	2026
314	2045	ALT1	WB	AM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1432	18	1450	21	21	346	4	350
315	2045	ALT1	WB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1542	38	1580	19	19	405	10	415
316	2045	ALT1	WB	AM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1305	16	1321	22	22	278	3	281
317	2045	ALT1	WB	AM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	823	26	849	18	18	258	8	266
318	2045	ALT1	WB	AM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	828	9	837	25	25	222	2	224
319	2045	ALT1	WB	AM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1604	29	1633	19	19	511	9	520
320	2045	ALT1	WB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1518	27	1545	20	20	272	5	277
321	2045	ALT1	WB	AM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1494	20	1514	15	15	507	7	514
322	2045	ALT1	WB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2389	52	2441	10	10	255	6	261
323	2045	ALT1	WB	AM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2801	93	2894	28	28	875	29	904
324	2045	ALT1	WB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1629	60	1689	28	28	213	8	221
325	2045	ALT1	WB	AM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2969	58	3027	16	16	1221	24	1245
326	2045	ALT1	WB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	1114	24	1138	23	23	385	8	393
327	2045	ALT1	WB	AM	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1785	28	1813	14	14	647	10	657
328	2045	ALT1	WB	AM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2293	36	2329	26	26	266	4	270
329	2045	ALT1	WB	AM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1940	30	1970	18	18	475	7	482
330	2045	ALT1	WB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1409	43	1452	28	28	152	5	157
331	2045	ALT1	WB	AM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3538	77	3615	27	27	1058	23	1081
332	2045	ALT1	WB	AM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1003	33	1036	34	34	293	10	303
333	2045	ALT1	WB	AM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1913	43	1956	29	29	660	15	675
334	2045	ALT1	WB	AM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3385	119	3504	28	28	438	15	453
335	2045	ALT1	WB	AM	Ramp	ON	Cherry On-Ramp	95966	0.28	3753	94	3847	27	27	1050	26	1076
336	2045	ALT1	WB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1538	78	1616	25	25	779	40	819
337	2045	ALT1	WB	AM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	733	64	797	32	32	141	12	153
338	2045	ALT1	WB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	709	41	750	29	29	260	15	275
339	2045	ALT1	WB	AM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	5431	165	5596	42	42	1530	46	1576
340	2045	ALT1	WB	AM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	7342	183	7525	26	26	4620	115	4735
341	2045	ALT1	WB	AM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	3167	119	3286	23	23	3175	119	3294
342	2045	ALT1	WB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	3286	98	3384	21	21	661	20	681
343	2045	ALT1	WB	AM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	908	109	1017	17	17	160	19	179
344	2045	ALT1	WB	AM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	3238	95	3333	21	21	567	17	584
345	2045	ALT1	WB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	555	41	596	18	18	53	4	57
346	2045	ALT1	WB	AM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	777	63	840	17	17	151	12	163
347	2045	ALT1	WB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1976	26	2002	13	13	359	5	364
348	2045	ALT1	WB	AM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4448	177	4625	23	23	2563	102	2665
349	2045	ALT1	WB	AM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	2084	102	2186	25	25	382	19	401
350	2045	ALT1	WB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	1728	42	1770	33	33	556	14	570
351	2045	ALT1	WB	AM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	621	75	696	18	18	99	12	111
352	2045	ALT1	WB	AM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	924	17	941	19	19	188	3	191
353	2045	ALT1	WB	AM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	2278	65	2343	26	26	576	16	592
354	2045	ALT1	WB	AM	Ramp	ON	4th St On-Ramp	2731498	0.26	3721	85	3806	14	14	958	22	980
355	2045	ALT1	WB	AM	Ramp	OFF	7th St Off-Ramp	94628	0.20	1499	52	1551	20	20	304	11	315

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
356	2045	ALT1	WB	AM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1907	24	1931	13	13	454	6	460
357	2045	ALT1	WB	AM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2105	29	2134	12	12	795	11	806
358	2045	ALT1	WB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2164	149	2313	12	12	301	21	322
359	2045	ALT1	WB	AM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2299	34	2333	10	10	467	7	474
360	2045	ALT1	WB	AM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2228	66	2294	12	12	297	9	306
361	2045	ALT1	WB	AM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2405	43	2448	9	9	291	5	296
362	2045	ALT1	WB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1287	59	1346	22	22	291	13	304
363	2045	ALT1	WB	AM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1865	23	1888	14	14	616	8	624
364	2045	ALT1	WB	AM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2045	ALT1	WB	AM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2045	ALT1	WB	AM	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2045	ALT1	WB	AM	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2045	ALT1	WB	AM	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2045	ALT1	WB	AM	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2045	ALT1	WB	AM	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2045	ALT1	WB	AM	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2045	ALT1	WB	AM	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2045	ALT1	WB	AM	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2045	ALT1	WB	AM	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2045	ALT1	WB	AM	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2045	ALT1	WB	AM	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2045	ALT1	WB	AM	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2045	ALT1	WB	AM	HOV		California St On-Ramp to Mountain View Ave Off-F							50			
379	2045	ALT1	WB	AM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2045	ALT1	WB	AM	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2045	ALT1	WB	AM	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-F							50			
382	2045	ALT1	WB	AM	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2045	ALT1	WB	AM	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2045	ALT1	WB	AM	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2045	ALT1	WB	AM	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2045	ALT1	WB	AM	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2045	ALT1	WB	AM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2045	ALT1	WB	AM	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2045	ALT1	WB	AM	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2045	ALT1	WB	AM	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2045	ALT1	WB	AM	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2045	ALT1	WB	AM	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2045	ALT1	WB	AM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2045	ALT1	WB	AM	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2045	ALT1	WB	AM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2045	ALT1	WB	AM	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2045	ALT1	WB	AM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2045	ALT1	WB	AM	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2045	ALT1	WB	AM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2045	ALT1	WB	AM	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2045	ALT1	WB	AM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2045	ALT1	WB	AM	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2045	ALT1	WB	AM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2045	ALT1	WB	AM	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
405	2045	ALT1	WB	AM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2045	ALT1	WB	AM	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2045	ALT1	WB	AM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2045	ALT1	WB	AM	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2045	ALT1	WB	AM	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2045	ALT1	WB	AM	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2045	ALT1	WB	AM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2045	ALT1	WB	AM	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2045	ALT1	WB	AM	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2045	ALT1	WB	AM	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2045	ALT1	WB	AM	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2045	ALT1	WB	AM	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2045	ALT1	WB	AM	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2045	ALT1	WB	AM	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2045	ALT1	WB	AM	HOV		Haven Ave Off-Ramp to Haven	2779162	0.41	4362		4362	42	42	1794		1794
420	2045	ALT1	WB	AM	HOV		Haven Ave Loop On-Ramp to H	2779162	0.29	4362		4362	42	42	1259		1259
421	2045	ALT1	WB	AM	HOV		Haven Ave On-Ramp to Archib	2779159	0.27	4429		4429	42	42	1211		1211
422	2045	ALT1	WB	AM	HOV		Archibald Ave Off-Ramp to Hol	2779158	0.32	3918		3918	45	45	1271		1271
423	2045	ALT1	WB	AM	HOV		Holt Blvd Off-Ramp to Archibal	2779158	0.63	3918		3918	45	45	2451		2451
424	2045	ALT1	WB	AM	HOV		Archibald Ave On-Ramp to Vine	2779158	0.15	3918		3918	45	45	599		599
425	2045	ALT1	WB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2779158	0.36	3918		3918	45	45	1417		1417
426	2045	ALT1	WB	AM	HOV		Vineyard Ave Loop On-Ramp to	2779155	0.19	3904		3904	48	48	743		743
427	2045	ALT1	WB	AM	HOV		Vineyard Ave On-Ramp to 4th	2779155	0.36	3904		3904	48	48	1421		1421
428	2045	ALT1	WB	AM	HOV		4th St Off-Ramp to 4th St On-R	2779155	0.39	3904		3904	48	48	1517		1517
429	2045	ALT1	WB	AM	HOV		4th St On-Ramp to 7th St Off-R	2779155	0.26	3904		3904	48	48	1011		1011
430	2045	ALT1	WB	AM	HOV		7th St Off-Ramp to Euclid Ave	2779151	0.40	4328		4328	45	45	1724		1724
431	2045	ALT1	WB	AM	HOV		Euclid Ave Loop On-Ramp to E	2779151	0.36	4328		4328	45	45	1554		1554
432	2045	ALT1	WB	AM	HOV		Euclid Ave On-Ramp to Mount	2779151	0.42	4328		4328	45	45	1830		1830
433	2045	ALT1	WB	AM	HOV		Mountain Ave Off-Ramp to Mc	2779151	0.33	4328		4328	45	45	1413		1413
434	2045	ALT1	WB	AM	HOV		Mountain Ave On-Ramp to Cer	2779151	0.27	4328		4328	45	45	1188		1188
435	2045	ALT1	WB	AM	HOV		Central Ave Off-Ramp to Centr	2779146	0.53	5078		5078	40	40	2673		2673
436	2045	ALT1	WB	AM	HOV		Central Ave On-Ramp to Mont	2779146	0.05	5078		5078	40	40	256		256
437	2045	ALT1	WB	AM	HOV		Monte Vista Ave Off-Ramp to M	2779146	0.56	5078		5078	40	40	2844		2844
216	2045	ALT1	WB	MD	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	28570	4131	32701	62	50	11490	1661	13151
217	2045	ALT1	WB	MD	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	26834	4094	30928	62	50	20964	3198	24162
218	2045	ALT1	WB	MD	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	39931	4165	44096	61	50	19899	2076	21975
219	2045	ALT1	WB	MD	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	38761	4144	42905	56	50	29035	3104	32139
220	2045	ALT1	WB	MD	Mainline		University St On-Ramp to 6th S	23726	0.38	43114	4265	47379	58	50	16358	1618	17976
221	2045	ALT1	WB	MD	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	40677	4198	44875	55	50	14629	1510	16139
222	2045	ALT1	WB	MD	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	44635	4288	48923	58	50	16720	1606	18326
223	2045	ALT1	WB	MD	Mainline		Orange St On-Ramp to SR-210	24215	0.17	47040	4413	51453	57	50	8112	761	8873
224	2045	ALT1	WB	MD	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	35367	2416	37783	59	50	9426	644	10070
225	2045	ALT1	WB	MD	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	33927	2396	36323	59	50	5920	418	6338
226	2045	ALT1	WB	MD	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	32542	2373	34915	62	50	25476	1858	27334
227	2045	ALT1	WB	MD	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	37060	2467	39527	62	50	9674	644	10318
228	2045	ALT1	WB	MD	Mainline		Alabama St On-Ramp to Califor	24057	0.12	45478	2793	48271	62	50	5533	340	5873
229	2045	ALT1	WB	MD	Mainline		California St Off-Ramp to Califc	24044	0.86	43289	2745	46034	59	50	37313	2366	39679
230	2045	ALT1	WB	MD	Mainline		California St On-Ramp to Mour	24077	0.19	46841	2945	49786	60	50	9014	567	9581
231	2045	ALT1	WB	MD	Mainline		Mountain View Ave Off-Ramp	24041	0.22	43110	2841	45951	59	50	9592	632	10224

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

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232	2045	ALT1	WB	MD	Mainline		Mountain View Ave On-Ramp t	23990	0.21	48902	3127	52029	60	50	10109	646	10755
233	2045	ALT1	WB	MD	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	46472	3102	49574	51	50	35205	2350	37555
234	2045	ALT1	WB	MD	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	50309	3198	53507	54	50	5610	357	5967
235	2045	ALT1	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	47464	3094	50558	50	50	22585	1472	24057
236	2045	ALT1	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	50810	3268	54078	54	50	14317	921	15238
237	2045	ALT1	WB	MD	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	30635	1891	32526	59	50	21523	1329	22852
238	2045	ALT1	WB	MD	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	32936	1985	34921	59	50	6892	415	7307
239	2045	ALT1	WB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	33561	2007	35568	58	50	6140	367	6507
240	2045	ALT1	WB	MD	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	41764	2310	44074	59	50	7737	428	8165
241	2045	ALT1	WB	MD	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	39075	2256	41331	57	50	28383	1639	30022
242	2045	ALT1	WB	MD	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	41978	2353	44331	59	50	1945	109	2054
243	2045	ALT1	WB	MD	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	39226	2314	41540	57	50	24300	1434	25734
244	2045	ALT1	WB	MD	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	40768	2382	43150	60	50	3592	210	3802
245	2045	ALT1	WB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	39129	2360	41489	57	50	22858	1379	24237
246	2045	ALT1	WB	MD	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	41499	2435	43934	60	50	17291	1015	18306
247	2045	ALT1	WB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	38516	2368	40884	58	50	22904	1408	24312
248	2045	ALT1	WB	MD	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	40666	2432	43098	60	50	6923	414	7337
249	2045	ALT1	WB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	36657	2271	38928	61	50	21634	1340	22974
250	2045	ALT1	WB	MD	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	41537	2513	44050	60	50	35416	2143	37559
251	2045	ALT1	WB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	38692	2401	41093	58	50	28111	1744	29855
252	2045	ALT1	WB	MD	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	42711	2588	45299	59	50	22376	1356	23732
253	2045	ALT1	WB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	42711	2588	45299	59	50	16025	971	16996
254	2045	ALT1	WB	MD	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	42711	2588	45299	59	50	15448	936	16384
255	2045	ALT1	WB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	39096	2590	41686	57	50	26973	1787	28760
256	2045	ALT1	WB	MD	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	41942	2689	44631	59	50	16344	1048	17392
257	2045	ALT1	WB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	39227	2584	41811	57	50	21144	1393	22537
258	2045	ALT1	WB	MD	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	43848	2778	46626	61	50	18337	1162	19499
259	2045	ALT1	WB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	42158	2681	44839	61	50	26584	1691	28275
260	2045	ALT1	WB	MD	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	45384	2892	48276	61	50	17901	1141	19042
261	2045	ALT1	WB	MD	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	41400	2627	44027	59	50	22788	1446	24234
262	2045	ALT1	WB	MD	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	46584	3113	49697	60	50	59067	3947	63014
263	2045	ALT1	WB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	44030	2914	46944	58	50	29899	1979	31878
264	2045	ALT1	WB	MD	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	46203	3237	49440	51	50	12027	843	12870
265	2045	ALT1	WB	MD	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	46890	3386	50276	56	50	6240	451	6691
266	2045	ALT1	WB	MD	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	36819	3049	39868	57	50	20887	1730	22617
267	2045	ALT1	WB	MD	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	46955	4118	51073	56	50	6243	548	6791
268	2045	ALT1	WB	MD	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	52343	4508	56851	60	50	1081	93	1174
269	2045	ALT1	WB	MD	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	47934	4228	52162	55	50	27820	2454	30274
270	2045	ALT1	WB	MD	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	51142	4566	55708	53	50	12767	1140	13907
271	2045	ALT1	WB	MD	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	36423	4300	40723	56	50	14979	1768	16747
272	2045	ALT1	WB	MD	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	38139	4461	42600	55	50	11011	1288	12299
273	2045	ALT1	WB	MD	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	40191	4679	44870	58	50	10986	1279	12265
274	2045	ALT1	WB	MD	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	38536	4588	43124	59	50	12504	1489	13993
275	2045	ALT1	WB	MD	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	32262	4026	36288	61	50	20184	2519	22703
276	2045	ALT1	WB	MD	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	37132	4545	41677	62	50	5681	695	6376
277	2045	ALT1	WB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	33537	4424	37961	61	50	12126	1600	13726
278	2045	ALT1	WB	MD	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	35533	4680	40213	60	50	6762	891	7653
279	2045	ALT1	WB	MD	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	38148	4717	42865	56	50	13881	1716	15597
280	2045	ALT1	WB	MD	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	33068	4544	37612	58	50	12848	1765	14613

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
281	2045	ALT1	WB	MD	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	38768	4821	43589	56	50	10043	1249	11292
282	2045	ALT1	WB	MD	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	34790	4679	39469	58	50	13861	1864	15725
283	2045	ALT1	WB	MD	Mainline		Euclid Ave Loop On-Ramp to E	1658013	0.36	37058	4739	41797	57	50	13308	1702	15010
284	2045	ALT1	WB	MD	Mainline		Euclid Ave On-Ramp to Mount	23434	0.42	40512	4838	45350	55	50	17134	2046	19180
285	2045	ALT1	WB	MD	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	36269	4542	40811	57	50	11839	1483	13322
286	2045	ALT1	WB	MD	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	39730	4665	44395	56	50	10902	1280	12182
287	2045	ALT1	WB	MD	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	34037	4514	38551	58	50	17919	2376	20295
288	2045	ALT1	WB	MD	Mainline		Central Ave On-Ramp to Mont	23492	0.05	38679	4625	43304	59	50	1952	233	2185
289	2045	ALT1	WB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	36441	4463	40904	57	50	20406	2499	22905
290	2045	ALT1	WB	MD	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1736	37	1773	34	34	933	20	953
291	2045	ALT1	WB	MD	Ramp	ON	Ford St On-Ramp	94684	0.23	3369	71	3440	27	27	760	16	776
292	2045	ALT1	WB	MD	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	1170	21	1191	32	32	325	6	331
293	2045	ALT1	WB	MD	Ramp	ON	University St On-Ramp	94674	0.21	4354	120	4474	11	11	920	25	945
294	2045	ALT1	WB	MD	Ramp	OFF	6th St Off-Ramp	94690	0.26	2437	67	2504	23	23	645	18	663
295	2045	ALT1	WB	MD	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3959	90	4049	13	13	763	17	780
296	2045	ALT1	WB	MD	Ramp	ON	Orange St On-Ramp	2676749	0.16	2405	124	2529	16	16	377	19	396
297	2045	ALT1	WB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	11673	1997	13670	25	25	10092	1726	11818
298	2045	ALT1	WB	MD	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	1439	20	1459	26	26	97	1	98
299	2045	ALT1	WB	MD	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	1386	22	1408	32	32	501	8	509
300	2045	ALT1	WB	MD	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4518	94	4612	29	29	4507	94	4601
301	2045	ALT1	WB	MD	Ramp	ON	Alabama St On-Ramp	2676731	0.12	8418	326	8744	17	17	1006	39	1045
302	2045	ALT1	WB	MD	Ramp	OFF	California St Off-Ramp	94793	0.13	2189	48	2237	29	29	283	6	289
303	2045	ALT1	WB	MD	Ramp	ON	California St On-Ramp	2676730	0.11	3554	199	3753	26	26	407	23	430
304	2045	ALT1	WB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	3731	104	3835	22	22	435	12	447
305	2045	ALT1	WB	MD	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	5792	286	6078	23	23	790	39	829
306	2045	ALT1	WB	MD	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	2430	25	2455	21	21	528	5	533
307	2045	ALT1	WB	MD	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3837	96	3933	12	12	474	12	486
308	2045	ALT1	WB	MD	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	2845	104	2949	18	18	694	25	719
309	2045	ALT1	WB	MD	Ramp	ON	Hospitality Ln/ Carnegie Dr On-	2676734	0.13	3346	174	3520	13	13	441	23	464
310	2045	ALT1	WB	MD	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	20176	1377	21553	26	26	3542	242	3784
311	2045	ALT1	WB	MD	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2301	94	2395	16	16	759	31	790
312	2045	ALT1	WB	MD	Ramp	ON	I-215 NB On-Ramp	24504	0.53	626	22	648	25	25	332	12	344
313	2045	ALT1	WB	MD	Ramp	ON	I-215 SB On-Ramp	24517	0.43	8203	303	8506	31	31	3516	130	3646
314	2045	ALT1	WB	MD	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2689	55	2744	22	22	649	13	662
315	2045	ALT1	WB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2903	97	3000	19	19	763	25	788
316	2045	ALT1	WB	MD	Ramp	OFF	9th St Off-Ramp	94928	0.21	2752	39	2791	21	21	587	8	595
317	2045	ALT1	WB	MD	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1542	68	1610	18	18	483	21	504
318	2045	ALT1	WB	MD	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1639	22	1661	26	26	439	6	445
319	2045	ALT1	WB	MD	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2370	76	2446	19	19	755	24	779
320	2045	ALT1	WB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2983	68	3051	20	20	535	12	547
321	2045	ALT1	WB	MD	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	2151	64	2215	17	17	729	22	751
322	2045	ALT1	WB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	4009	162	4171	15	15	428	17	445
323	2045	ALT1	WB	MD	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	4880	242	5122	28	28	1524	76	1600
324	2045	ALT1	WB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	2845	112	2957	28	28	372	15	387
325	2045	ALT1	WB	MD	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	4019	187	4206	18	18	1653	77	1730
326	2045	ALT1	WB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	2440	62	2502	23	23	844	21	865
327	2045	ALT1	WB	MD	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	2800	156	2956	16	16	1014	57	1071
328	2045	ALT1	WB	MD	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3975	92	4067	27	27	461	11	472
329	2045	ALT1	WB	MD	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2846	99	2945	19	19	697	24	721

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
330	2045	ALT1	WB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2715	105	2820	28	28	293	11	304
331	2045	ALT1	WB	MD	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	4622	194	4816	28	28	1382	58	1440
332	2045	ALT1	WB	MD	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1690	97	1787	34	34	494	28	522
333	2045	ALT1	WB	MD	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	3226	211	3437	29	29	1114	73	1187
334	2045	ALT1	WB	MD	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3984	265	4249	32	32	516	34	550
335	2045	ALT1	WB	MD	Ramp	ON	Cherry On-Ramp	95966	0.28	5184	486	5670	28	28	1450	136	1586
336	2045	ALT1	WB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	2554	199	2753	27	27	1294	101	1395
337	2045	ALT1	WB	MD	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	2173	323	2496	30	30	418	62	480
338	2045	ALT1	WB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	687	149	836	29	29	251	55	306
339	2045	ALT1	WB	MD	Ramp	OFF	I-15 Off-Ramp	24554	0.28	10071	337	10408	43	43	2837	95	2932
340	2045	ALT1	WB	MD	Ramp	ON	I-15 SB On-Ramp	23554	0.63	10136	1069	11205	29	29	6378	673	7051
341	2045	ALT1	WB	MD	Ramp	ON	I-15 NB On-Ramp	23572	1.00	5389	390	5779	25	25	5403	391	5794
342	2045	ALT1	WB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	4409	280	4689	25	25	887	56	943
343	2045	ALT1	WB	MD	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	3207	339	3546	13	13	567	60	627
344	2045	ALT1	WB	MD	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	4149	267	4416	25	25	726	47	773
345	2045	ALT1	WB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	1716	161	1877	17	17	164	15	179
346	2045	ALT1	WB	MD	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	2184	218	2402	16	16	424	42	466
347	2045	ALT1	WB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	3953	91	4044	12	12	717	17	734
348	2045	ALT1	WB	MD	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	6274	562	6836	28	28	3616	324	3940
349	2045	ALT1	WB	MD	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4869	520	5389	24	24	892	95	987
350	2045	ALT1	WB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	3594	122	3716	33	33	1156	39	1195
351	2045	ALT1	WB	MD	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	2314	256	2570	16	16	368	41	409
352	2045	ALT1	WB	MD	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	2615	37	2652	19	19	532	8	540
353	2045	ALT1	WB	MD	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	5080	173	5253	25	25	1285	44	1329
354	2045	ALT1	WB	MD	Ramp	ON	4th St On-Ramp	2731498	0.26	5700	277	5977	16	16	1468	71	1539
355	2045	ALT1	WB	MD	Ramp	OFF	7th St Off-Ramp	94628	0.20	3067	143	3210	20	20	622	29	651
356	2045	ALT1	WB	MD	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	2268	60	2328	17	17	540	14	554
357	2045	ALT1	WB	MD	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	3454	99	3553	14	14	1305	37	1342
358	2045	ALT1	WB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	4243	296	4539	12	12	590	41	631
359	2045	ALT1	WB	MD	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	3461	123	3584	14	14	703	25	728
360	2045	ALT1	WB	MD	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	4203	151	4354	14	14	561	20	581
361	2045	ALT1	WB	MD	Ramp	ON	Central Ave On-Ramp	2668754	0.12	4642	111	4753	10	10	562	13	575
362	2045	ALT1	WB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2238	162	2400	23	23	506	37	543
363	2045	ALT1	WB	MD	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	3368	64	3432	14	14	1112	21	1133
364	2045	ALT1	WB	MD	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2045	ALT1	WB	MD	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2045	ALT1	WB	MD	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2045	ALT1	WB	MD	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2045	ALT1	WB	MD	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2045	ALT1	WB	MD	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2045	ALT1	WB	MD	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2045	ALT1	WB	MD	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2045	ALT1	WB	MD	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2045	ALT1	WB	MD	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2045	ALT1	WB	MD	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2045	ALT1	WB	MD	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2045	ALT1	WB	MD	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2045	ALT1	WB	MD	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2045	ALT1	WB	MD	HOV		California St On-Ramp to Mountain View Ave Off-F							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
379	2045	ALT1	WB	MD	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2045	ALT1	WB	MD	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2045	ALT1	WB	MD	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-I							50			
382	2045	ALT1	WB	MD	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2045	ALT1	WB	MD	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2045	ALT1	WB	MD	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2045	ALT1	WB	MD	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2045	ALT1	WB	MD	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2045	ALT1	WB	MD	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2045	ALT1	WB	MD	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2045	ALT1	WB	MD	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2045	ALT1	WB	MD	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2045	ALT1	WB	MD	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2045	ALT1	WB	MD	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2045	ALT1	WB	MD	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2045	ALT1	WB	MD	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2045	ALT1	WB	MD	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2045	ALT1	WB	MD	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2045	ALT1	WB	MD	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2045	ALT1	WB	MD	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2045	ALT1	WB	MD	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2045	ALT1	WB	MD	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2045	ALT1	WB	MD	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2045	ALT1	WB	MD	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2045	ALT1	WB	MD	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2045	ALT1	WB	MD	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2045	ALT1	WB	MD	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2045	ALT1	WB	MD	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2045	ALT1	WB	MD	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2045	ALT1	WB	MD	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2045	ALT1	WB	MD	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2045	ALT1	WB	MD	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2045	ALT1	WB	MD	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2045	ALT1	WB	MD	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2045	ALT1	WB	MD	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2045	ALT1	WB	MD	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2045	ALT1	WB	MD	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2045	ALT1	WB	MD	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2045	ALT1	WB	MD	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2045	ALT1	WB	MD	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2045	ALT1	WB	MD	HOV		Haven Ave Off-Ramp to Haven	2779162	0.41	10569		10569	36	36	4347		4347
420	2045	ALT1	WB	MD	HOV		Haven Ave Loop On-Ramp to H	2779162	0.29	10569		10569	36	36	3051		3051
421	2045	ALT1	WB	MD	HOV		Haven Ave On-Ramp to Archib	2779159	0.27	10700		10700	35	35	2925		2925
422	2045	ALT1	WB	MD	HOV		Archibald Ave Off-Ramp to Hol	2779158	0.32	9304		9304	40	40	3019		3019
423	2045	ALT1	WB	MD	HOV		Holt Blvd Off-Ramp to Archibal	2779158	0.63	9304		9304	40	40	5821		5821
424	2045	ALT1	WB	MD	HOV		Archibald Ave On-Ramp to Vin	2779158	0.15	9304		9304	40	40	1424		1424
425	2045	ALT1	WB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2779158	0.36	9304		9304	40	40	3364		3364
426	2045	ALT1	WB	MD	HOV		Vineyard Ave Loop On-Ramp to	2779155	0.19	8721		8721	45	45	1660		1660
427	2045	ALT1	WB	MD	HOV		Vineyard Ave On-Ramp to 4th	2779155	0.36	8721		8721	45	45	3173		3173

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
428	2045	ALT1	WB	MD	HOV		4th St Off-Ramp to 4th St On-R	2779155	0.39	8721		8721	45	45	3388		3388
429	2045	ALT1	WB	MD	HOV		4th St On-Ramp to 7th St Off-R	2779155	0.26	8721		8721	45	45	2259		2259
430	2045	ALT1	WB	MD	HOV		7th St Off-Ramp to Euclid Ave I	2779151	0.40	9631		9631	42	42	3837		3837
431	2045	ALT1	WB	MD	HOV		Euclid Ave Loop On-Ramp to Eu	2779151	0.36	9631		9631	42	42	3459		3459
432	2045	ALT1	WB	MD	HOV		Euclid Ave On-Ramp to Mounta	2779151	0.42	9631		9631	42	42	4073		4073
433	2045	ALT1	WB	MD	HOV		Mountain Ave Off-Ramp to Mc	2779151	0.33	9631		9631	42	42	3144		3144
434	2045	ALT1	WB	MD	HOV		Mountain Ave On-Ramp to Cer	2779151	0.27	9631		9631	42	42	2643		2643
435	2045	ALT1	WB	MD	HOV		Central Ave Off-Ramp to Centr	2779146	0.53	11121		11121	36	36	5855		5855
436	2045	ALT1	WB	MD	HOV		Central Ave On-Ramp to Mont	2779146	0.05	11121		11121	36	36	561		561
437	2045	ALT1	WB	MD	HOV		Monte Vista Ave Off-Ramp to M	2779146	0.56	11121		11121	36	36	6227		6227
216	2045	ALT1	WB	PM	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	20948	2444	23392	62	50	8424	983	9407
217	2045	ALT1	WB	PM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	19460	2417	21877	61	50	15203	1888	17091
218	2045	ALT1	WB	PM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	29470	2459	31929	59	50	14686	1225	15911
219	2045	ALT1	WB	PM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	28573	2446	31019	54	50	21403	1832	23235
220	2045	ALT1	WB	PM	Mainline		University St On-Ramp to 6th S	23726	0.38	31595	2517	34112	57	50	11988	955	12943
221	2045	ALT1	WB	PM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	29793	2478	32271	53	50	10715	891	11606
222	2045	ALT1	WB	PM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	33101	2524	35625	56	50	12399	945	13344
223	2045	ALT1	WB	PM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	35057	2609	37666	54	50	6046	450	6496
224	2045	ALT1	WB	PM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	23971	1183	25154	59	50	6389	315	6704
225	2045	ALT1	WB	PM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	23318	1173	24491	59	50	4069	205	4274
226	2045	ALT1	WB	PM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	22328	1145	23473	62	50	17480	896	18376
227	2045	ALT1	WB	PM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	26409	1227	27636	62	50	6894	320	7214
228	2045	ALT1	WB	PM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	32968	1387	34355	62	50	4011	169	4180
229	2045	ALT1	WB	PM	Mainline		California St Off-Ramp to Califc	24044	0.86	31490	1350	32840	57	50	27143	1164	28307
230	2045	ALT1	WB	PM	Mainline		California St On-Ramp to Mour	24077	0.19	36070	1462	37532	58	50	6941	281	7222
231	2045	ALT1	WB	PM	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	33550	1393	34943	55	50	7465	310	7775
232	2045	ALT1	WB	PM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	39258	1562	40820	56	50	8115	323	8438
233	2045	ALT1	WB	PM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	38012	1545	39557	38	38	28796	1170	29966
234	2045	ALT1	WB	PM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	41593	1580	43173	45	45	4638	176	4814
235	2045	ALT1	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	39730	1523	41253	33	33	18905	725	19630
236	2045	ALT1	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	43270	1618	44888	41	41	12193	456	12649
237	2045	ALT1	WB	PM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	27948	1105	29053	55	50	19635	776	20411
238	2045	ALT1	WB	PM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	30570	1154	31724	53	50	6397	241	6638
239	2045	ALT1	WB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	30894	1164	32058	52	50	5652	213	5865
240	2045	ALT1	WB	PM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	38619	1347	39966	50	50	7154	250	7404
241	2045	ALT1	WB	PM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	36447	1318	37765	46	46	26475	957	27432
242	2045	ALT1	WB	PM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	38983	1377	40360	52	50	1806	64	1870
243	2045	ALT1	WB	PM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	36923	1357	38280	45	45	22874	841	23715
244	2045	ALT1	WB	PM	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	38381	1395	39776	52	50	3381	123	3504
245	2045	ALT1	WB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	36800	1377	38177	45	45	21497	804	22301
246	2045	ALT1	WB	PM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	39013	1422	40435	52	50	16255	592	16847
247	2045	ALT1	WB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	36484	1385	37869	45	45	21696	824	22520
248	2045	ALT1	WB	PM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	38101	1422	39523	53	50	6487	242	6729
249	2045	ALT1	WB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	35019	1343	36362	54	50	20668	793	21461
250	2045	ALT1	WB	PM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	39119	1455	40574	51	50	33354	1241	34595
251	2045	ALT1	WB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	35470	1371	36841	48	48	25770	996	26766
252	2045	ALT1	WB	PM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	38809	1479	40288	52	50	20332	775	21107
253	2045	ALT1	WB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	38809	1479	40288	52	50	14561	555	15116
254	2045	ALT1	WB	PM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	38809	1479	40288	52	50	14037	535	14572

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
255	2045	ALT1	WB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	34454	1459	35913	49	49	23771	1007	24778
256	2045	ALT1	WB	PM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	36571	1500	38071	54	50	14251	585	14836
257	2045	ALT1	WB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	33318	1436	34754	51	50	17959	774	18733
258	2045	ALT1	WB	PM	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	36921	1540	38461	58	50	15441	644	16085
259	2045	ALT1	WB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	34904	1479	36383	59	50	22010	933	22943
260	2045	ALT1	WB	PM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	37216	1566	38782	58	50	14679	618	15297
261	2045	ALT1	WB	PM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	33263	1402	34665	56	50	18309	772	19081
262	2045	ALT1	WB	PM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	37547	1565	39112	57	50	47608	1984	49592
263	2045	ALT1	WB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	35816	1420	37236	53	50	24322	964	25286
264	2045	ALT1	WB	PM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	38207	1539	39746	38	38	9945	401	10346
265	2045	ALT1	WB	PM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	39521	1595	41116	48	48	5259	212	5471
266	2045	ALT1	WB	PM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	32323	1244	33567	50	50	18337	706	19043
267	2045	ALT1	WB	PM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	39514	1533	41047	49	49	5254	204	5458
268	2045	ALT1	WB	PM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	44365	1656	46021	58	50	916	34	950
269	2045	ALT1	WB	PM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	42111	1475	43586	44	44	24440	856	25296
270	2045	ALT1	WB	PM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	45051	1580	46631	35	35	11246	394	11640
271	2045	ALT1	WB	PM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	33701	1439	35140	48	48	13860	592	14452
272	2045	ALT1	WB	PM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	36379	1509	37888	43	43	10503	436	10939
273	2045	ALT1	WB	PM	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	38651	1561	40212	50	50	10565	427	10992
274	2045	ALT1	WB	PM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	37049	1520	38569	52	50	12022	493	12515
275	2045	ALT1	WB	PM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	32300	1203	33503	57	50	20208	753	20961
276	2045	ALT1	WB	PM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	38013	1287	39300	57	50	5816	197	6013
277	2045	ALT1	WB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	33912	1204	35116	55	50	12262	435	12697
278	2045	ALT1	WB	PM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	35701	1306	37007	53	50	6794	249	7043
279	2045	ALT1	WB	PM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	38042	1342	39384	42	42	13843	488	14331
280	2045	ALT1	WB	PM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	32710	1255	33965	52	50	12709	488	13197
281	2045	ALT1	WB	PM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	37266	1389	38655	44	44	9654	360	10014
282	2045	ALT1	WB	PM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	33407	1330	34737	51	50	13310	530	13840
283	2045	ALT1	WB	PM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	35333	1360	36693	48	48	12688	488	13176
284	2045	ALT1	WB	PM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	37962	1414	39376	42	42	16055	598	16653
285	2045	ALT1	WB	PM	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	34499	1223	35722	50	50	11261	399	11660
286	2045	ALT1	WB	PM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	37291	1289	38580	44	44	10233	354	10587
287	2045	ALT1	WB	PM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	33552	1150	34702	51	50	17664	605	18269
288	2045	ALT1	WB	PM	Mainline		Central Ave On-Ramp to Monte	23492	0.05	37172	1195	38367	54	50	1876	60	1936
289	2045	ALT1	WB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	34451	1099	35550	50	50	19292	615	19907
290	2045	ALT1	WB	PM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1488	27	1515	34	34	800	15	815
291	2045	ALT1	WB	PM	Ramp	ON	Ford St On-Ramp	94684	0.23	2361	42	2403	27	27	533	9	542
292	2045	ALT1	WB	PM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	897	13	910	32	32	249	4	253
293	2045	ALT1	WB	PM	Ramp	ON	University St On-Ramp	94674	0.21	3022	71	3093	11	11	639	15	654
294	2045	ALT1	WB	PM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1802	39	1841	22	22	477	10	487
295	2045	ALT1	WB	PM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3309	46	3355	9	9	638	9	647
296	2045	ALT1	WB	PM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1957	84	2041	15	15	307	13	320
297	2045	ALT1	WB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	11087	1425	12512	19	19	9585	1232	10817
298	2045	ALT1	WB	PM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	654	10	664	28	28	44	1	45
299	2045	ALT1	WB	PM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	990	28	1018	31	31	358	10	368
300	2045	ALT1	WB	PM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4081	82	4163	29	29	4071	82	4153
301	2045	ALT1	WB	PM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	6559	160	6719	12	12	784	19	803
302	2045	ALT1	WB	PM	Ramp	OFF	California St Off-Ramp	94793	0.13	1478	37	1515	29	29	191	5	196
303	2045	ALT1	WB	PM	Ramp	ON	California St On-Ramp	2676730	0.11	4581	112	4693	21	21	525	13	538

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
304	2045	ALT1	WB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2521	69	2590	22	22	294	8	302
305	2045	ALT1	WB	PM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	5708	169	5877	16	16	779	23	802
306	2045	ALT1	WB	PM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1246	17	1263	23	23	271	4	275
307	2045	ALT1	WB	PM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3582	35	3617	6	6	443	4	447
308	2045	ALT1	WB	PM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1863	57	1920	19	19	455	14	469
309	2045	ALT1	WB	PM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	3540	95	3635	6	6	466	13	479
310	2045	ALT1	WB	PM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	15322	513	15835	21	21	2690	90	2780
311	2045	ALT1	WB	PM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2623	48	2671	11	11	866	16	882
312	2045	ALT1	WB	PM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	323	10	333	25	25	172	5	177
313	2045	ALT1	WB	PM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	7725	184	7909	29	29	3311	79	3390
314	2045	ALT1	WB	PM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ram	96149	0.24	2172	29	2201	19	19	524	7	531
315	2045	ALT1	WB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2536	59	2595	18	18	667	16	683
316	2045	ALT1	WB	PM	Ramp	OFF	9th St Off-Ramp	94928	0.21	2059	20	2079	20	20	439	4	443
317	2045	ALT1	WB	PM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1457	38	1495	17	17	456	12	468
318	2045	ALT1	WB	PM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1582	17	1599	23	23	424	5	429
319	2045	ALT1	WB	PM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2214	44	2258	19	19	705	14	719
320	2045	ALT1	WB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2529	37	2566	17	17	454	7	461
321	2045	ALT1	WB	PM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1616	37	1653	17	17	548	13	561
322	2045	ALT1	WB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	3082	78	3160	11	11	329	8	337
323	2045	ALT1	WB	PM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	4101	111	4212	28	28	1281	35	1316
324	2045	ALT1	WB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	3650	84	3734	25	25	477	11	488
325	2045	ALT1	WB	PM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3339	108	3447	17	17	1373	44	1417
326	2045	ALT1	WB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	2208	30	2238	19	19	763	10	773
327	2045	ALT1	WB	PM	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1698	64	1762	16	16	615	23	638
328	2045	ALT1	WB	PM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3846	54	3900	25	25	446	6	452
329	2045	ALT1	WB	PM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2117	41	2158	19	19	518	10	528
330	2045	ALT1	WB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	3252	64	3316	26	26	352	7	359
331	2045	ALT1	WB	PM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3602	104	3706	28	28	1077	31	1108
332	2045	ALT1	WB	PM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	2018	60	2078	33	33	590	18	608
333	2045	ALT1	WB	PM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2313	86	2399	29	29	799	30	829
334	2045	ALT1	WB	PM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3953	164	4117	30	30	512	21	533
335	2045	ALT1	WB	PM	Ramp	ON	Cherry On-Ramp	95966	0.28	4284	163	4447	27	27	1199	46	1245
336	2045	ALT1	WB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1731	145	1876	27	27	877	73	950
337	2045	ALT1	WB	PM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	2391	119	2510	27	27	460	23	483
338	2045	ALT1	WB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	1314	56	1370	28	28	481	21	502
339	2045	ALT1	WB	PM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	7198	351	7549	42	42	2028	99	2127
340	2045	ALT1	WB	PM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	7191	289	7480	29	29	4525	182	4707
341	2045	ALT1	WB	PM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4850	124	4974	21	21	4863	124	4987
342	2045	ALT1	WB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	2255	181	2436	26	26	454	36	490
343	2045	ALT1	WB	PM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2941	105	3046	9	9	520	19	539
344	2045	ALT1	WB	PM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	3082	142	3224	25	25	539	25	564
345	2045	ALT1	WB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2677	71	2748	11	11	256	7	263
346	2045	ALT1	WB	PM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	2327	52	2379	13	13	452	10	462
347	2045	ALT1	WB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	2723	41	2764	12	12	494	7	501
348	2045	ALT1	WB	PM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4748	317	5065	27	27	2736	183	2919
349	2045	ALT1	WB	PM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	5713	84	5797	17	17	1046	15	1061
350	2045	ALT1	WB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	4102	83	4185	30	30	1319	27	1346
351	2045	ALT1	WB	PM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1939	102	2041	15	15	309	16	325
352	2045	ALT1	WB	PM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	2340	36	2376	18	18	476	7	483

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
353	2045	ALT1	WB	PM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	5331	87	5418	20	20	1348	22	1370
354	2045	ALT1	WB	PM	Ramp	ON	4th St On-Ramp	2731498	0.26	4556	134	4690	15	15	1173	35	1208
355	2045	ALT1	WB	PM	Ramp	OFF	7th St Off-Ramp	94628	0.20	3044	59	3103	12	12	617	12	629
356	2045	ALT1	WB	PM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1926	30	1956	16	16	459	7	466
357	2045	ALT1	WB	PM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2629	54	2683	13	13	993	20	1013
358	2045	ALT1	WB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3463	192	3655	6	6	482	27	509
359	2045	ALT1	WB	PM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2792	66	2858	12	12	567	13	580
360	2045	ALT1	WB	PM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	3230	138	3368	9	9	431	18	449
361	2045	ALT1	WB	PM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	3620	44	3664	7	7	438	5	443
362	2045	ALT1	WB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2722	95	2817	14	14	616	21	637
363	2045	ALT1	WB	PM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2937	25	2962	11	11	970	8	978
364	2045	ALT1	WB	PM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2045	ALT1	WB	PM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2045	ALT1	WB	PM	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2045	ALT1	WB	PM	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2045	ALT1	WB	PM	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2045	ALT1	WB	PM	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2045	ALT1	WB	PM	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2045	ALT1	WB	PM	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2045	ALT1	WB	PM	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2045	ALT1	WB	PM	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2045	ALT1	WB	PM	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2045	ALT1	WB	PM	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			
376	2045	ALT1	WB	PM	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2045	ALT1	WB	PM	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2045	ALT1	WB	PM	HOV		California St On-Ramp to Mountain View Ave Off-I							50			
379	2045	ALT1	WB	PM	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2045	ALT1	WB	PM	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2045	ALT1	WB	PM	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-I							50			
382	2045	ALT1	WB	PM	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2045	ALT1	WB	PM	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2045	ALT1	WB	PM	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2045	ALT1	WB	PM	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2045	ALT1	WB	PM	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2045	ALT1	WB	PM	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2045	ALT1	WB	PM	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2045	ALT1	WB	PM	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2045	ALT1	WB	PM	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2045	ALT1	WB	PM	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2045	ALT1	WB	PM	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2045	ALT1	WB	PM	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2045	ALT1	WB	PM	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2045	ALT1	WB	PM	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2045	ALT1	WB	PM	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2045	ALT1	WB	PM	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2045	ALT1	WB	PM	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2045	ALT1	WB	PM	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2045	ALT1	WB	PM	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2045	ALT1	WB	PM	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
402	2045	ALT1	WB	PM	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2045	ALT1	WB	PM	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2045	ALT1	WB	PM	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2045	ALT1	WB	PM	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2045	ALT1	WB	PM	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2045	ALT1	WB	PM	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2045	ALT1	WB	PM	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2045	ALT1	WB	PM	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2045	ALT1	WB	PM	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2045	ALT1	WB	PM	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2045	ALT1	WB	PM	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2045	ALT1	WB	PM	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2045	ALT1	WB	PM	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2045	ALT1	WB	PM	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2045	ALT1	WB	PM	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2045	ALT1	WB	PM	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2045	ALT1	WB	PM	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2045	ALT1	WB	PM	HOV		Haven Ave Off-Ramp to Haven	2779162	0.41	8267		8267	28	28	3400		3400
420	2045	ALT1	WB	PM	HOV		Haven Ave Loop On-Ramp to H	2779162	0.29	8267		8267	28	28	2387		2387
421	2045	ALT1	WB	PM	HOV		Haven Ave On-Ramp to Archib	2779159	0.27	8323		8323	28	28	2275		2275
422	2045	ALT1	WB	PM	HOV		Archibald Ave Off-Ramp to Hol	2779158	0.32	7613		7613	32	32	2470		2470
423	2045	ALT1	WB	PM	HOV		Holt Blvd Off-Ramp to Archibal	2779158	0.63	7613		7613	32	32	4763		4763
424	2045	ALT1	WB	PM	HOV		Archibald Ave On-Ramp to Vine	2779158	0.15	7613		7613	32	32	1165		1165
425	2045	ALT1	WB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2779158	0.36	7613		7613	32	32	2753		2753
426	2045	ALT1	WB	PM	HOV		Vineyard Ave Loop On-Ramp to	2779155	0.19	7351		7351	37	37	1399		1399
427	2045	ALT1	WB	PM	HOV		Vineyard Ave On-Ramp to 4th	2779155	0.36	7351		7351	37	37	2675		2675
428	2045	ALT1	WB	PM	HOV		4th St Off-Ramp to 4th St On-R	2779155	0.39	7351		7351	37	37	2856		2856
429	2045	ALT1	WB	PM	HOV		4th St On-Ramp to 7th St Off-R	2779155	0.26	7351		7351	37	37	1904		1904
430	2045	ALT1	WB	PM	HOV		7th St Off-Ramp to Euclid Ave I	2779151	0.40	8166		8166	32	32	3253		3253
431	2045	ALT1	WB	PM	HOV		Euclid Ave Loop On-Ramp to E	2779151	0.36	8166		8166	32	32	2932		2932
432	2045	ALT1	WB	PM	HOV		Euclid Ave On-Ramp to Mounta	2779151	0.42	8166		8166	32	32	3454		3454
433	2045	ALT1	WB	PM	HOV		Mountain Ave Off-Ramp to Mo	2779151	0.33	8166		8166	32	32	2666		2666
434	2045	ALT1	WB	PM	HOV		Mountain Ave On-Ramp to Cer	2779151	0.27	8166		8166	32	32	2241		2241
435	2045	ALT1	WB	PM	HOV		Central Ave Off-Ramp to Centr	2779146	0.53	8676		8676	28	28	4568		4568
436	2045	ALT1	WB	PM	HOV		Central Ave On-Ramp to Mont	2779146	0.05	8676		8676	28	28	438		438
437	2045	ALT1	WB	PM	HOV		Monte Vista Ave Off-Ramp to M	2779146	0.56	8676		8676	28	28	4858		4858
216	2045	ALT1	WB	NT	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	14351	4517	18868	64	50	5771	1817	7588
217	2045	ALT1	WB	NT	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	13507	4495	18002	64	50	10552	3512	14064
218	2045	ALT1	WB	NT	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	19191	4540	23731	64	50	9563	2262	11825
219	2045	ALT1	WB	NT	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	18619	4527	23146	63	50	13947	3391	17338
220	2045	ALT1	WB	NT	Mainline		University St On-Ramp to 6th S	23726	0.38	21591	4646	26237	64	50	8192	1763	9955
221	2045	ALT1	WB	NT	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	20269	4587	24856	63	50	7289	1650	8939
222	2045	ALT1	WB	NT	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	22754	4679	27433	64	50	8523	1753	10276
223	2045	ALT1	WB	NT	Mainline		Orange St On-Ramp to SR-210	24215	0.17	23457	4738	28195	64	50	4045	817	4862
224	2045	ALT1	WB	NT	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	19917	4109	24026	63	50	5308	1095	6403
225	2045	ALT1	WB	NT	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	19397	4094	23491	64	50	3385	714	4099
226	2045	ALT1	WB	NT	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	18851	4074	22925	64	50	14758	3189	17947
227	2045	ALT1	WB	NT	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	21048	4142	25190	64	50	5495	1081	6576
228	2045	ALT1	WB	NT	Mainline		Alabama St On-Ramp to Califor	24057	0.12	27001	4553	31554	64	50	3285	554	3839

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
229	2045	ALT1	WB	NT	Mainline		California St Off-Ramp to Califc	24044	0.86	26155	4517	30672	64	50	22544	3893	26437
230	2045	ALT1	WB	NT	Mainline		California St On-Ramp to Mour	24077	0.19	28622	4730	33352	64	50	5508	910	6418
231	2045	ALT1	WB	NT	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	26645	4642	31287	64	50	5929	1033	6962
232	2045	ALT1	WB	NT	Mainline		Mountain View Ave On-Ramp t	23990	0.21	29583	4889	34472	64	50	6115	1011	7126
233	2045	ALT1	WB	NT	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	28549	4866	33415	62	50	21627	3686	25313
234	2045	ALT1	WB	NT	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	31864	5007	36871	63	50	3553	558	4111
235	2045	ALT1	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	30259	4896	35155	62	50	14398	2330	16728
236	2045	ALT1	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	31868	5057	36925	63	50	8980	1425	10405
237	2045	ALT1	WB	NT	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	19259	3562	22821	63	50	13531	2503	16034
238	2045	ALT1	WB	NT	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	20634	3658	24292	63	50	4318	765	5083
239	2045	ALT1	WB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	20867	3673	24540	63	50	3817	672	4489
240	2045	ALT1	WB	NT	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	25529	3986	29515	63	50	4729	738	5467
241	2045	ALT1	WB	NT	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	24457	3953	28410	63	50	17765	2871	20636
242	2045	ALT1	WB	NT	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	26035	4029	30064	64	50	1206	187	1393
243	2045	ALT1	WB	NT	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	24080	3970	28050	63	50	14917	2459	17376
244	2045	ALT1	WB	NT	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	25216	4053	29269	64	50	2221	357	2578
245	2045	ALT1	WB	NT	Mainline		Rancho Ave Off-Ramp to Rancl	24067	0.58	24587	4042	28629	63	50	14363	2361	16724
246	2045	ALT1	WB	NT	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	25827	4102	29929	64	50	10761	1709	12470
247	2045	ALT1	WB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	23951	4038	27989	63	50	14243	2401	16644
248	2045	ALT1	WB	NT	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	25473	4105	29578	64	50	4337	699	5036
249	2045	ALT1	WB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	22987	3949	26936	64	50	13567	2331	15898
250	2045	ALT1	WB	NT	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	25702	4166	29868	64	50	21915	3552	25467
251	2045	ALT1	WB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	24076	4091	28167	63	50	17492	2972	20464
252	2045	ALT1	WB	NT	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	26106	4254	30360	64	50	13677	2229	15906
253	2045	ALT1	WB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	26106	4254	30360	64	50	9795	1596	11391
254	2045	ALT1	WB	NT	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	26106	4254	30360	64	50	9442	1539	10981
255	2045	ALT1	WB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	23755	4300	28055	63	50	16389	2967	19356
256	2045	ALT1	WB	NT	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	25230	4378	29608	64	50	9832	1706	11538
257	2045	ALT1	WB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	23534	4292	27826	63	50	12685	2314	14999
258	2045	ALT1	WB	NT	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	25758	4466	30224	64	50	10772	1868	12640
259	2045	ALT1	WB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	24596	4375	28971	64	50	15510	2759	18269
260	2045	ALT1	WB	NT	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	26488	4574	31062	64	50	10448	1804	12252
261	2045	ALT1	WB	NT	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	24175	4337	28512	64	50	13307	2387	15694
262	2045	ALT1	WB	NT	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	27046	4832	31878	64	50	34293	6127	40420
263	2045	ALT1	WB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	25690	4643	30333	64	50	17445	3153	20598
264	2045	ALT1	WB	NT	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	26830	5007	31837	62	50	6984	1303	8287
265	2045	ALT1	WB	NT	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	26970	5052	32022	63	50	3589	672	4261
266	2045	ALT1	WB	NT	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	20306	4476	24782	63	50	11519	2539	14058
267	2045	ALT1	WB	NT	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	26966	5946	32912	63	50	3586	791	4377
268	2045	ALT1	WB	NT	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	31244	6347	37591	63	50	645	131	776
269	2045	ALT1	WB	NT	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	29769	6109	35878	63	50	17277	3546	20823
270	2045	ALT1	WB	NT	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	31863	6501	38364	63	50	7954	1623	9577
271	2045	ALT1	WB	NT	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	23502	6252	29754	63	50	9665	2571	12236
272	2045	ALT1	WB	NT	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	24586	6430	31016	62	50	7098	1856	8954
273	2045	ALT1	WB	NT	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	26010	6636	32646	63	50	7109	1814	8923
274	2045	ALT1	WB	NT	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	24492	6523	31015	63	50	7947	2117	10064
275	2045	ALT1	WB	NT	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	20905	5970	26875	64	50	13079	3735	16814
276	2045	ALT1	WB	NT	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	25258	6280	31538	64	50	3865	961	4826
277	2045	ALT1	WB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	23136	6180	29316	64	50	8365	2235	10600

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
278	2045	ALT1	WB	NT	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	23853	6441	30294	64	50	4539	1226	5765
279	2045	ALT1	WB	NT	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	25677	6546	32223	63	50	9343	2382	11725
280	2045	ALT1	WB	NT	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	22522	6423	28945	63	50	8750	2495	11245
281	2045	ALT1	WB	NT	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	26157	6664	32821	63	50	6776	1726	8502
282	2045	ALT1	WB	NT	Mainline		7th St Off-Ramp to Euclid Ave L	23447	0.40	23216	6558	29774	63	50	9249	2613	11862
283	2045	ALT1	WB	NT	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	24533	6646	31179	63	50	8810	2387	11197
284	2045	ALT1	WB	NT	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	26861	6740	33601	63	50	11360	2851	14211
285	2045	ALT1	WB	NT	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	23916	6559	30475	63	50	7807	2141	9948
286	2045	ALT1	WB	NT	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	26425	6677	33102	63	50	7251	1832	9083
287	2045	ALT1	WB	NT	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	23720	6532	30252	63	50	12488	3439	15927
288	2045	ALT1	WB	NT	Mainline		Central Ave On-Ramp to Monte	23492	0.05	26271	6673	32944	63	50	1326	337	1663
289	2045	ALT1	WB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	25103	6568	31671	63	50	14057	3678	17735
290	2045	ALT1	WB	NT	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	844	22	866	35	35	454	12	466
291	2045	ALT1	WB	NT	Ramp	ON	Ford St On-Ramp	94684	0.23	1526	46	1572	29	29	344	10	354
292	2045	ALT1	WB	NT	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	571	14	585	34	34	158	4	162
293	2045	ALT1	WB	NT	Ramp	ON	University St On-Ramp	94674	0.21	2972	120	3092	18	18	628	25	653
294	2045	ALT1	WB	NT	Ramp	OFF	6th St Off-Ramp	94690	0.26	1322	59	1381	28	28	350	16	366
295	2045	ALT1	WB	NT	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2485	92	2577	18	18	479	18	497
296	2045	ALT1	WB	NT	Ramp	ON	Orange St On-Ramp	2676749	0.16	703	59	762	20	20	110	9	119
297	2045	ALT1	WB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	3540	629	4169	30	30	3060	544	3604
298	2045	ALT1	WB	NT	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	520	15	535	29	29	35	1	36
299	2045	ALT1	WB	NT	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	546	20	566	34	34	197	7	204
300	2045	ALT1	WB	NT	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	2196	69	2265	30	30	2190	69	2259
301	2045	ALT1	WB	NT	Ramp	ON	Alabama St On-Ramp	2676731	0.12	5953	411	6364	26	26	711	49	760
302	2045	ALT1	WB	NT	Ramp	OFF	California St Off-Ramp	94793	0.13	846	36	882	34	34	109	5	114
303	2045	ALT1	WB	NT	Ramp	ON	California St On-Ramp	2676730	0.11	2467	213	2680	29	29	283	24	307
304	2045	ALT1	WB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	1978	88	2066	32	32	231	10	241
305	2045	ALT1	WB	NT	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2939	247	3186	28	28	401	34	435
306	2045	ALT1	WB	NT	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1035	23	1058	28	28	225	5	230
307	2045	ALT1	WB	NT	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3315	142	3457	17	17	410	18	428
308	2045	ALT1	WB	NT	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1605	111	1716	26	26	392	27	419
309	2045	ALT1	WB	NT	Ramp	ON	Hospitality Ln/ Carnegie Dr On-	2676734	0.13	1609	161	1770	18	18	212	21	233
310	2045	ALT1	WB	NT	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	12609	1495	14104	44	44	2213	262	2475
311	2045	ALT1	WB	NT	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1375	96	1471	19	19	454	32	486
312	2045	ALT1	WB	NT	Ramp	ON	I-215 NB On-Ramp	24504	0.53	234	15	249	25	25	124	8	132
313	2045	ALT1	WB	NT	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4663	312	4975	34	34	1999	134	2133
314	2045	ALT1	WB	NT	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1072	33	1105	28	28	259	8	267
315	2045	ALT1	WB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1578	76	1654	20	20	415	20	435
316	2045	ALT1	WB	NT	Ramp	OFF	9th St Off-Ramp	94928	0.21	1955	58	2013	27	27	417	12	429
317	2045	ALT1	WB	NT	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1135	83	1218	19	19	355	26	381
318	2045	ALT1	WB	NT	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	629	11	640	29	29	168	3	171
319	2045	ALT1	WB	NT	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1241	60	1301	20	20	395	19	414
320	2045	ALT1	WB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1875	65	1940	27	27	336	12	348
321	2045	ALT1	WB	NT	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1521	68	1589	19	19	516	23	539
322	2045	ALT1	WB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2485	157	2642	26	26	265	17	282
323	2045	ALT1	WB	NT	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2716	217	2933	29	29	848	68	916
324	2045	ALT1	WB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1627	75	1702	29	29	213	10	223
325	2045	ALT1	WB	NT	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2031	163	2194	20	20	835	67	902
326	2045	ALT1	WB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	1644	55	1699	27	27	568	19	587

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
327	2045	ALT1	WB	NT	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1851	176	2027	19	19	671	64	735
328	2045	ALT1	WB	NT	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2559	74	2633	29	29	297	9	306
329	2045	ALT1	WB	NT	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1475	77	1552	20	20	361	19	380
330	2045	ALT1	WB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1695	86	1781	29	29	183	9	192
331	2045	ALT1	WB	NT	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	2224	174	2398	30	30	665	52	717
332	2045	ALT1	WB	NT	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1163	90	1253	35	35	340	26	366
333	2045	ALT1	WB	NT	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1893	199	2092	30	30	654	69	723
334	2045	ALT1	WB	NT	Ramp	OFF	Cherry Off-Ramp	94837	0.13	2314	237	2551	34	34	299	31	330
335	2045	ALT1	WB	NT	Ramp	ON	Cherry On-Ramp	95966	0.28	2871	495	3366	29	29	803	138	941
336	2045	ALT1	WB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1356	189	1545	33	33	687	96	783
337	2045	ALT1	WB	NT	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1140	364	1504	33	33	219	70	289
338	2045	ALT1	WB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	141	45	186	30	30	52	16	68
339	2045	ALT1	WB	NT	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6664	576	7240	47	47	1877	162	2039
340	2045	ALT1	WB	NT	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6660	1470	8130	33	33	4191	925	5116
341	2045	ALT1	WB	NT	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4278	401	4679	31	31	4289	402	4691
342	2045	ALT1	WB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1474	238	1712	29	29	297	48	345
343	2045	ALT1	WB	NT	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2094	392	2486	18	18	370	69	439
344	2045	ALT1	WB	NT	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	1794	249	2043	29	29	314	44	358
345	2045	ALT1	WB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	1085	177	1262	19	19	104	17	121
346	2045	ALT1	WB	NT	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1576	207	1783	18	18	306	40	346
347	2045	ALT1	WB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	3235	114	3349	23	23	587	21	608
348	2045	ALT1	WB	NT	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	3587	553	4140	33	33	2067	319	2386
349	2045	ALT1	WB	NT	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4353	310	4663	27	27	797	57	854
350	2045	ALT1	WB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2122	100	2222	34	34	682	32	714
351	2045	ALT1	WB	NT	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1127	261	1388	19	19	179	42	221
352	2045	ALT1	WB	NT	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1824	105	1929	20	20	371	21	392
353	2045	ALT1	WB	NT	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	3154	123	3277	29	29	798	31	829
354	2045	ALT1	WB	NT	Ramp	ON	4th St On-Ramp	2731498	0.26	3634	241	3875	19	19	936	62	998
355	2045	ALT1	WB	NT	Ramp	OFF	7th St Off-Ramp	94628	0.20	1897	106	2003	27	27	385	21	406
356	2045	ALT1	WB	NT	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1317	88	1405	19	19	314	21	335
357	2045	ALT1	WB	NT	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2328	94	2422	18	18	880	36	916
358	2045	ALT1	WB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2945	181	3126	25	25	410	25	435
359	2045	ALT1	WB	NT	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2509	118	2627	18	18	510	24	534
360	2045	ALT1	WB	NT	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2274	146	2420	26	26	303	19	322
361	2045	ALT1	WB	NT	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2551	141	2692	18	18	309	17	326
362	2045	ALT1	WB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1168	105	1273	28	28	264	24	288
363	2045	ALT1	WB	NT	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1936	81	2017	19	19	639	27	666
364	2045	ALT1	WB	NT	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2045	ALT1	WB	NT	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2045	ALT1	WB	NT	HOV		Ford St On-Ramp to Cypress Ave Off-Ramp							50			
367	2045	ALT1	WB	NT	HOV		Cypress Ave Off-Ramp to University St On-Ramp							50			
368	2045	ALT1	WB	NT	HOV		University St On-Ramp to 6th St Off-Ramp							50			
369	2045	ALT1	WB	NT	HOV		6th St Off-Ramp to Orange St Loop On-Ramp							50			
370	2045	ALT1	WB	NT	HOV		Orange St Loop On-Ramp to Orange St On-Ramp							50			
371	2045	ALT1	WB	NT	HOV		Orange St On-Ramp to SR-210 NB Off-Ramp							50			
372	2045	ALT1	WB	NT	HOV		SR-210 Off-Ramp to Tennessee Off-Ramp							50			
373	2045	ALT1	WB	NT	HOV		Tennessee St Off-Ramp to Alabama St Off-Ramp							50			
374	2045	ALT1	WB	NT	HOV		Alabama St Off-Ramp to SR-210 SB On-Ramp							50			
375	2045	ALT1	WB	NT	HOV		SR-210 SB On-Ramp to Alabama St On-Ramp							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
376	2045	ALT1	WB	NT	HOV		Alabama St On-Ramp to California St Off-Ramp							50			
377	2045	ALT1	WB	NT	HOV		California St Off-Ramp to California St On-Ramp							50			
378	2045	ALT1	WB	NT	HOV		California St On-Ramp to Mountain View Ave Off-F							50			
379	2045	ALT1	WB	NT	HOV		Mountain View Ave Off-Ramp to Mountain View A							50			
380	2045	ALT1	WB	NT	HOV		Mountain View Ave On-Ramp to Tippecanoe Ave (							50			
381	2045	ALT1	WB	NT	HOV		Tippecanoe Ave Off-Ramp to Tippecanoe Ave On-F							50			
382	2045	ALT1	WB	NT	HOV		Tippecanoe Ave On-Ramp to Hospitality Ln/ Carne							50			
383	2045	ALT1	WB	NT	HOV		Hospitality Ln/ Carnegie Dr Off-Ramp to Hospitalit							50			
384	2045	ALT1	WB	NT	HOV		Hospitality Ln/ Carnegie Dr On-Ramp to I-215 NB (							50			
385	2045	ALT1	WB	NT	HOV		I-215 NB Off-Ramp to Sunwest Ln On-Ramp							50			
386	2045	ALT1	WB	NT	HOV		Sunwest Ln On-Ramp to I-215 NB On-Ramp							50			
387	2045	ALT1	WB	NT	HOV		I-215 NB On-Ramp to I-215 SB On-Ramp							50			
388	2045	ALT1	WB	NT	HOV		I-215 SB On-Ramp to Sperry Dr/Valley Blvd Off-Rai							50			
389	2045	ALT1	WB	NT	HOV		Sperry Dr/Valley Blvd Off-Ramp to Mt Vernon Ave							50			
390	2045	ALT1	WB	NT	HOV		Mt Vernon Ave On-Ramp to 9th St Off-Ramp							50			
391	2045	ALT1	WB	NT	HOV		9th St Off-Ramp to La Cadena Dr On-Ramp							50			
392	2045	ALT1	WB	NT	HOV		La Cadena Dr On-Ramp to Rancho Ave Off-Ramp							50			
393	2045	ALT1	WB	NT	HOV		Rancho Ave Off-Ramp to Rancho Ave On-Ramp							50			
394	2045	ALT1	WB	NT	HOV		Rancho Ave On-Ramp to Pepper Ave Off-Ramp							50			
395	2045	ALT1	WB	NT	HOV		Pepper Ave Off-Ramp to Pepper Ave On-Ramp							50			
396	2045	ALT1	WB	NT	HOV		Pepper Ave On-Ramp to Riverside Ave Off-Ramp							50			
397	2045	ALT1	WB	NT	HOV		Riverside Ave Off-Ramp to Riverside Ave On-Ramp							50			
398	2045	ALT1	WB	NT	HOV		Riverside Ave On-Ramp to Cedar Ave Off-Ramp							50			
399	2045	ALT1	WB	NT	HOV		Cedar Ave Off-Ramp to Cedar Ave On-Ramp							50			
400	2045	ALT1	WB	NT	HOV		Cedar Ave On-Ramp to Alder Ave Off-Ramp (Sierra							50			
401	2045	ALT1	WB	NT	HOV		Alder Ave Off-Ramp to Alder Ave On-Ramp (Future							50			
402	2045	ALT1	WB	NT	HOV		Alder Ave On-Ramp to Alder Ave Off-Ramp (Future							50			
403	2045	ALT1	WB	NT	HOV		Sierra Ave Off-Ramp to Sierra Ave On-Ramp							50			
404	2045	ALT1	WB	NT	HOV		Sierra Ave On-Ramp to Citrus Ave Off-Ramp							50			
405	2045	ALT1	WB	NT	HOV		Citrus Ave Off-Ramp to Citrus Ave On-Ramp							50			
406	2045	ALT1	WB	NT	HOV		Citrus Ave On-Ramp to Beach Off-Ramp (Cherry in							50			
407	2045	ALT1	WB	NT	HOV		Beach Ave Off-Ramp to Beach Ave On-Ramp							50			
408	2045	ALT1	WB	NT	HOV		Beach Ave On-Ramp to Cherry Off-Ramp							50			
409	2045	ALT1	WB	NT	HOV		Cherry Off-Ramp to Cherry On-Ramp							50			
410	2045	ALT1	WB	NT	HOV		Cherry On-Ramp to Etiwanda Ave Off-Ramp							50			
411	2045	ALT1	WB	NT	HOV		Etiwanda Ave Off-Ramp to Etiwanda Ave Loop On-							50			
412	2045	ALT1	WB	NT	HOV		Etiwanda Ave Loop On-Ramp to Etiwanda Ave On-							50			
413	2045	ALT1	WB	NT	HOV		Etiwanda Ave On-Ramp to I-15 Off-Ramp							50			
414	2045	ALT1	WB	NT	HOV		I-15 Off-Ramp to I-15 SB On-Ramp							50			
415	2045	ALT1	WB	NT	HOV		I-15 SB On-Ramp to I-15 NB On-Ramp							50			
416	2045	ALT1	WB	NT	HOV		I-15 NB On-Ramp to Milliken Ave Off-Ramp							50			
417	2045	ALT1	WB	NT	HOV		Milliken Ave Off-Ramp to Milliken Ave On-Ramp							50			
418	2045	ALT1	WB	NT	HOV		Milliken Ave On-Ramp to Haven Ave Off-Ramp							50			
419	2045	ALT1	WB	NT	HOV		Haven Ave Off-Ramp to Haven	2779162	0.41	6567		6567	56	50	2701		2701
420	2045	ALT1	WB	NT	HOV		Haven Ave Loop On-Ramp to H	2779162	0.29	6567		6567	56	50	1896		1896
421	2045	ALT1	WB	NT	HOV		Haven Ave On-Ramp to Archib	2779159	0.27	6720		6720	56	50	1837		1837
422	2045	ALT1	WB	NT	HOV		Archibald Ave Off-Ramp to Hol	2779158	0.32	5927		5927	57	50	1923		1923
423	2045	ALT1	WB	NT	HOV		Holt Blvd Off-Ramp to Archibal	2779158	0.63	5927		5927	57	50	3708		3708
424	2045	ALT1	WB	NT	HOV		Archibald Ave On-Ramp to Vin	2779158	0.15	5927		5927	57	50	907		907

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Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
425	2045	ALT1	WB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2779158	0.36	5927		5927	57	50	2143		2143
426	2045	ALT1	WB	NT	HOV		Vineyard Ave Loop On-Ramp to	2779155	0.19	5413		5413	59	50	1030		1030
427	2045	ALT1	WB	NT	HOV		Vineyard Ave On-Ramp to 4th S	2779155	0.36	5413		5413	59	50	1970		1970
428	2045	ALT1	WB	NT	HOV		4th St Off-Ramp to 4th St On-R	2779155	0.39	5413		5413	59	50	2103		2103
429	2045	ALT1	WB	NT	HOV		4th St On-Ramp to 7th St Off-R	2779155	0.26	5413		5413	59	50	1402		1402
430	2045	ALT1	WB	NT	HOV		7th St Off-Ramp to Euclid Ave L	2779151	0.40	6457		6457	58	50	2573		2573
431	2045	ALT1	WB	NT	HOV		Euclid Ave Loop On-Ramp to Eu	2779151	0.36	6457		6457	58	50	2319		2319
432	2045	ALT1	WB	NT	HOV		Euclid Ave On-Ramp to Mounta	2779151	0.42	6457		6457	58	50	2731		2731
433	2045	ALT1	WB	NT	HOV		Mountain Ave Off-Ramp to Mo	2779151	0.33	6457		6457	58	50	2108		2108
434	2045	ALT1	WB	NT	HOV		Mountain Ave On-Ramp to Cer	2779151	0.27	6457		6457	58	50	1772		1772
435	2045	ALT1	WB	NT	HOV		Central Ave Off-Ramp to Centr	2779146	0.53	6887		6887	57	50	3626		3626
436	2045	ALT1	WB	NT	HOV		Central Ave On-Ramp to Monte	2779146	0.05	6887		6887	57	50	348		348
437	2045	ALT1	WB	NT	HOV		Monte Vista Ave Off-Ramp to M	2779146	0.56	6887		6887	57	50	3857		3857
1	2045	ALT2	EB	AM	Mainline		LA County Line to Monte Vista	25707	0.26	22608	1876	24484	53	50	5793	481	6274
2	2045	ALT2	EB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	20762	1832	22594	55	50	14043	1239	15282
3	2045	ALT2	EB	AM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	23636	1888	25524	57	50	690	55	745
4	2045	ALT2	EB	AM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	21261	1854	23115	55	50	12161	1060	13221
5	2045	ALT2	EB	AM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	23098	1909	25007	57	50	4804	397	5201
6	2045	ALT2	EB	AM	Mainline		Mountain Ave Off-Ramp to Mo	2778899	0.34	20905	1856	22761	56	50	7168	636	7804
7	2045	ALT2	EB	AM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	23450	1924	25374	51	50	11209	920	12129
8	2045	ALT2	EB	AM	Mainline		Euclid Ave Off-Ramp to Euclid A	23438	0.65	21036	1863	22899	55	50	13575	1202	14777
9	2045	ALT2	EB	AM	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	23459	1907	25366	51	50	12009	976	12985
10	2045	ALT2	EB	AM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	19242	1808	21050	57	50	3310	311	3621
11	2045	ALT2	EB	AM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	22830	1867	24697	53	50	7512	614	8126
12	2045	ALT2	EB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	20905	1733	22638	55	50	5111	424	5535
13	2045	ALT2	EB	AM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	25097	1797	26894	59	50	4828	346	5174
14	2045	ALT2	EB	AM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	21824	1558	23382	58	50	7387	527	7914
15	2045	ALT2	EB	AM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	25445	1789	27234	54	50	9926	698	10624
16	2045	ALT2	EB	AM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	26279	1826	28105	53	50	5865	408	6273
17	2045	ALT2	EB	AM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	22083	1689	23772	52	50	9186	703	9889
18	2045	ALT2	EB	AM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	23340	1725	25065	56	50	7287	539	7826
19	2045	ALT2	EB	AM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	23688	1800	25488	59	50	5309	403	5712
20	2045	ALT2	EB	AM	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	20132	1598	21730	59	50	10676	847	11523
21	2045	ALT2	EB	AM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	21861	1705	23566	60	50	1161	91	1252
22	2045	ALT2	EB	AM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	18918	1324	20242	60	50	4698	329	5027
23	2045	ALT2	EB	AM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	15233	1142	16375	59	50	4672	350	5022
24	2045	ALT2	EB	AM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	20064	1396	21460	60	50	4347	302	4649
25	2045	ALT2	EB	AM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	20298	1404	21702	59	50	2857	198	3055
26	2045	ALT2	EB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	18562	1246	19808	61	50	23751	1594	25345
27	2045	ALT2	EB	AM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	19455	1313	20768	62	50	17986	1214	19200
28	2045	ALT2	EB	AM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	16595	1091	17686	62	50	10109	665	10774
29	2045	ALT2	EB	AM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	19476	1210	20686	62	50	6942	431	7373
30	2045	ALT2	EB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	18640	1138	19778	62	50	11805	721	12526
31	2045	ALT2	EB	AM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	20066	1183	21249	62	50	8992	530	9522
32	2045	ALT2	EB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	18865	1135	20000	61	50	10107	608	10715
33	2045	ALT2	EB	AM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	20559	1173	21732	60	50	9633	550	10183
34	2045	ALT2	EB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	18259	1097	19356	58	50	11639	699	12338
35	2045	ALT2	EB	AM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	20778	1130	21908	60	50	6427	350	6777
36	2045	ALT2	EB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	20778	1130	21908	60	50	7700	419	8119

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
37	2045	ALT2	EB	AM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	20778	1130	21908	60	50	10371	564	10935
38	2045	ALT2	EB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	19032	970	20002	58	50	16154	823	16977
39	2045	ALT2	EB	AM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	20757	1004	21761	60	50	16511	799	17310
40	2045	ALT2	EB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	18017	924	18941	61	50	10394	533	10927
41	2045	ALT2	EB	AM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	20272	986	21258	60	50	4046	197	4243
42	2045	ALT2	EB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	18697	940	19637	58	50	12335	620	12955
43	2045	ALT2	EB	AM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	19679	960	20639	60	50	5128	250	5378
44	2045	ALT2	EB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	19679	960	20639	60	50	8109	396	8505
45	2045	ALT2	EB	AM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	20256	968	21224	60	50	3638	174	3812
46	2045	ALT2	EB	AM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	18998	920	19918	58	50	10057	487	10544
47	2045	ALT2	EB	AM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	19674	933	20607	60	50	552	26	578
48	2045	ALT2	EB	AM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	18505	902	19407	61	50	11209	546	11755
49	2045	ALT2	EB	AM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	19065	917	19982	60	50	923	44	967
50	2045	ALT2	EB	AM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	15211	764	15975	60	50	14327	720	15047
51	2045	ALT2	EB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	22363	1104	23467	58	50	2451	121	2572
52	2045	ALT2	EB	AM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	28501	1369	29870	56	50	3691	177	3868
53	2045	ALT2	EB	AM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	25551	1340	26891	54	50	2778	146	2924
54	2045	ALT2	EB	AM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	23344	1275	24619	51	50	14742	805	15547
55	2045	ALT2	EB	AM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	23433	1305	24738	57	50	6620	369	6989
56	2045	ALT2	EB	AM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	20879	1258	22137	55	50	8437	508	8945
57	2045	ALT2	EB	AM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	21160	1263	22423	61	50	4403	263	4666
58	2045	ALT2	EB	AM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	18364	1171	19535	61	50	14515	926	15441
59	2045	ALT2	EB	AM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	19502	1215	20717	62	50	3580	223	3803
60	2045	ALT2	EB	AM	Mainline		California St Off-Ramp to Califc	24075	0.84	16907	1146	18053	61	50	14228	964	15192
61	2045	ALT2	EB	AM	Mainline		California St On-Ramp to Alaba	24046	0.18	17332	1166	18498	63	50	3046	205	3251
62	2045	ALT2	EB	AM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	14926	1110	16036	63	50	5844	435	6279
63	2045	ALT2	EB	AM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	12516	1017	13533	63	50	2211	180	2391
64	2045	ALT2	EB	AM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	10087	918	11005	62	50	6488	590	7078
65	2045	ALT2	EB	AM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	10538	935	11473	62	50	2091	186	2277
66	2045	ALT2	EB	AM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	15511	1682	17193	62	50	785	85	870
67	2045	ALT2	EB	AM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	11555	1624	13179	62	50	4978	700	5678
68	2045	ALT2	EB	AM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	12273	1644	13917	63	50	3648	489	4137
69	2045	ALT2	EB	AM	Mainline		University St Off-Ramp to Cypr	23724	0.80	10078	1586	11664	62	50	8017	1262	9279
70	2045	ALT2	EB	AM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	10398	1593	11991	64	50	4760	729	5489
71	2045	ALT2	EB	AM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	9336	1569	10905	63	50	6069	1020	7089
72	2045	ALT2	EB	AM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	10282	1584	11866	64	50	6066	934	7000
73	2045	ALT2	EB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1847	44	1891	17	17	349	8	357
74	2045	ALT2	EB	AM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1773	56	1829	14	14	229	7	236
75	2045	ALT2	EB	AM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2376	34	2410	11	11	309	4	313
76	2045	ALT2	EB	AM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2036	55	2091	12	12	381	10	391
77	2045	ALT2	EB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	1998	54	2052	15	15	323	9	332
78	2045	ALT2	EB	AM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2545	68	2613	8	8	297	8	305
79	2045	ALT2	EB	AM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	2415	61	2476	10	10	354	9	363
80	2045	ALT2	EB	AM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2164	44	2208	11	11	757	15	772
81	2045	ALT2	EB	AM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	3254	99	3353	23	23	1033	31	1064
82	2045	ALT2	EB	AM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3588	59	3647	15	15	844	14	858
83	2045	ALT2	EB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1926	133	2059	27	27	196	14	210
84	2045	ALT2	EB	AM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	3433	64	3497	27	27	430	8	438
85	2045	ALT2	EB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	3273	239	3512	28	28	952	70	1022

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
86	2045	ALT2	EB	AM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	2929	231	3160	22	22	668	53	721
87	2045	ALT2	EB	AM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	833	38	871	17	17	193	9	202
88	2045	ALT2	EB	AM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	4196	138	4334	15	15	595	20	615
89	2045	ALT2	EB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	838	36	874	17	17	102	4	106
90	2045	ALT2	EB	AM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	349	75	424	19	19	98	21	119
91	2045	ALT2	EB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3557	201	3758	19	19	628	35	663
92	2045	ALT2	EB	AM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	1034	106	1140	16	16	200	21	221
93	2045	ALT2	EB	AM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	2943	381	3324	32	32	3267	423	3690
94	2045	ALT2	EB	AM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3685	182	3867	20	20	2126	105	2231
95	2045	ALT2	EB	AM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	4831	254	5085	11	11	539	28	567
96	2045	ALT2	EB	AM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	234	8	242	35	35	280	10	290
97	2045	ALT2	EB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1736	158	1894	26	26	341	31	372
98	2045	ALT2	EB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	540	67	607	29	29	193	24	217
99	2045	ALT2	EB	AM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	2859	223	3082	30	30	583	45	628
100	2045	ALT2	EB	AM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2890	119	3009	28	28	891	37	928
101	2045	ALT2	EB	AM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	836	72	908	34	34	288	25	313
102	2045	ALT2	EB	AM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1486	45	1531	29	29	439	13	452
103	2045	ALT2	EB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1202	47	1249	33	33	161	6	167
104	2045	ALT2	EB	AM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1995	37	2032	18	18	535	10	545
105	2045	ALT2	EB	AM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2300	75	2375	26	26	270	9	279
106	2045	ALT2	EB	AM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2584	33	2617	8	8	76	1	77
107	2045	ALT2	EB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	1014	68	1082	24	24	363	24	387
108	2045	ALT2	EB	AM	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1593	22	1615	15	15	547	8	555
109	2045	ALT2	EB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2276	115	2391	26	26	416	21	437
110	2045	ALT2	EB	AM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1649	35	1684	19	19	678	14	692
111	2045	ALT2	EB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	2740	80	2820	30	30	344	10	354
112	2045	ALT2	EB	AM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	2205	62	2267	18	18	665	19	684
113	2045	ALT2	EB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1576	45	1621	19	19	481	14	495
114	2045	ALT2	EB	AM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1200	20	1220	17	17	439	7	446
115	2045	ALT2	EB	AM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2045	ALT2	EB	AM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	547	7	554	19	19	174	2	176
117	2045	ALT2	EB	AM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1259	47	1306	22	22	312	12	324
118	2045	ALT2	EB	AM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	676	13	689	20	20	191	4	195
119	2045	ALT2	EB	AM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1169	31	1200	23	23	491	13	504
120	2045	ALT2	EB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	853	15	868	19	19	221	4	225
121	2045	ALT2	EB	AM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	3853	153	4006	34	34	906	36	942
122	2045	ALT2	EB	AM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	7151	340	7491	26	26	6215	295	6510
123	2045	ALT2	EB	AM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	6138	265	6403	28	28	4653	201	4854
124	2045	ALT2	EB	AM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2950	29	2979	3	3	268	3	271
125	2045	ALT2	EB	AM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	2208	64	2272	9	9	549	16	565
126	2045	ALT2	EB	AM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	741	30	771	18	18	103	4	107
127	2045	ALT2	EB	AM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2546	47	2593	6	6	641	12	653
128	2045	ALT2	EB	AM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	281	5	286	19	19	29	1	30
129	2045	ALT2	EB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2796	92	2888	8	8	821	27	848
130	2045	ALT2	EB	AM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	1157	43	1200	29	29	264	10	274
131	2045	ALT2	EB	AM	Ramp	OFF	California St Off-Ramp	94801	0.46	2595	68	2663	12	12	1181	31	1212
132	2045	ALT2	EB	AM	Ramp	ON	California St On-Ramp	95942	0.39	493	19	512	29	29	191	7	198
133	2045	ALT2	EB	AM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2407	55	2462	15	15	1044	24	1068
134	2045	ALT2	EB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2408	94	2502	29	29	1992	78	2070

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
135	2045	ALT2	EB	AM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2429	99	2528	14	14	833	34	867
136	2045	ALT2	EB	AM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	449	18	467	19	19	48	2	50
137	2045	ALT2	EB	AM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	4973	747	5720	27	27	5278	793	6071
138	2045	ALT2	EB	AM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2832	59	2891	5	5	252	5	257
139	2045	ALT2	EB	AM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	717	21	738	18	18	212	6	218
140	2045	ALT2	EB	AM	Ramp	OFF	University St Off-Ramp	94695	0.28	2194	59	2253	13	13	613	16	629
141	2045	ALT2	EB	AM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	382	7	389	29	29	116	2	118
142	2045	ALT2	EB	AM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1818	24	1842	23	23	500	7	507
143	2045	ALT2	EB	AM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	947	14	961	29	29	357	5	362
144	2045	ALT2	EB	AM	HOV		LA County Line to Monte Vista	2664669	0.26	3854		3854	48	48	987		987
145	2045	ALT2	EB	AM	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	3854		3854	48	48	2607		2607
146	2045	ALT2	EB	AM	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	3854		3854	48	48	112		112
147	2045	ALT2	EB	AM	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	3854		3854	48	48	2204		2204
148	2045	ALT2	EB	AM	HOV		Central Ave On-Ramp to Moun	2664669	0.21	3854		3854	48	48	802		802
149	2045	ALT2	EB	AM	HOV		Mountain Ave Off-Ramp to Mc	2664669	0.34	3854		3854	48	48	1321		1321
150	2045	ALT2	EB	AM	HOV		Mountain Ave On-Ramp to Euc	2779098	0.48	3145		3145	52	50	1503		1503
151	2045	ALT2	EB	AM	HOV		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	3145		3145	52	50	2030		2030
152	2045	ALT2	EB	AM	HOV		Euclid Ave On-Ramp to San Be	2779098	0.51	3145		3145	52	50	1610		1610
153	2045	ALT2	EB	AM	HOV		San Bernardino Ave/4th St Off-	2665612	0.17	3848		3848	54	50	662		662
154	2045	ALT2	EB	AM	HOV		San Bernardino Ave/4th St On-	2665612	0.33	3848		3848	54	50	1266		1266
155	2045	ALT2	EB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	3848		3848	54	50	941		941
156	2045	ALT2	EB	AM	HOV		Vineyard Ave On-Ramp to Arch	2665612	0.19	3848		3848	54	50	740		740
157	2045	ALT2	EB	AM	HOV		Archibald Ave Off-Ramp to Hol	2665612	0.34	3848		3848	54	50	1303		1303
158	2045	ALT2	EB	AM	HOV		Holt Blvd On-Ramp to Archibal	2665612	0.39	3848		3848	54	50	1501		1501
159	2045	ALT2	EB	AM	HOV		Archibald Ave On-Ramp to Hav	2665612	0.22	3848		3848	54	50	859		859
160	2045	ALT2	EB	AM	HOV		Haven Ave Off-Ramp to Haven	2665612	0.42	3848		3848	54	50	1601		1601
161	2045	ALT2	EB	AM	HOV		Haven Ave Loop On-Ramp to H	2778934	0.31	1979		1979	56	50	618		618
162	2045	ALT2	EB	AM	HOV		Haven Ave On-Ramp to Millike	2778934	0.22	1979		1979	56	50	444		444
163	2045	ALT2	EB	AM	HOV		Milliken Ave Off-Ramp to Millik	2778934	0.53	1979		1979	56	50	1049		1049
164	2045	ALT2	EB	AM	HOV		Milliken Ave Loop On-Ramp to	2778934	0.05	1979		1979	56	50	105		105
165	2045	ALT2	EB	AM	HOV		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	1979		1979	56	50	491		491
166	2045	ALT2	EB	AM	HOV		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	1979		1979	56	50	607		607
167	2045	ALT2	EB	AM	HOV		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	1979		1979	56	50	429		429
168	2045	ALT2	EB	AM	HOV		I-15 SB On-Ramp to Etiwanda /	2778934	0.14	1979		1979	56	50	279		279
169	2045	ALT2	EB	AM	HOV		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	1979		1979	56	50	2532		2532
170	2045	ALT2	EB	AM	HOV		Etiwanda Ave On-Ramp to Che	2778934	0.92	1979		1979	56	50	1830		1830
171	2045	ALT2	EB	AM	HOV		Cherry Ave Off-Ramp to Cherry	2760156	0.61	938		938	61	50	571		571
172	2045	ALT2	EB	AM	HOV		Cherry Ave On-Ramp to Beach	2760156	0.36	938		938	61	50	334		334
173	2045	ALT2	EB	AM	HOV		Beach Ave Off-Ramp to Beach	2760156	0.63	938		938	61	50	594		594
174	2045	ALT2	EB	AM	HOV		BeachAve On-Ramp to Citrus A	2760156	0.45	938		938	61	50	420		420
175	2045	ALT2	EB	AM	HOV		Citrus Ave Off-Ramp to Citrus /	2760156	0.54	938		938	61	50	503		503
176	2045	ALT2	EB	AM	HOV		Citrus Ave On-Ramp to Sierra A	2760156	0.47	938		938	61	50	439		439
177	2045	ALT2	EB	AM	HOV		Sierra Ave Off-Ramp to Sierra /	2760156	0.64	938		938	61	50	598		598
178	2045	ALT2	EB	AM	HOV		Sierra Ave On-Ramp to Alder A	2760156	0.31	938		938	61	50	290		290
179	2045	ALT2	EB	AM	HOV		Alder Ave Off-Ramp to Alder A	2779122	0.37	938		938	61	50	348		348
180	2045	ALT2	EB	AM	HOV		Alder Ave On-Ramp to Cedar A	2779122	0.50	938		938	61	50	468		468
181	2045	ALT2	EB	AM	HOV		Cedar Ave Off-Ramp to Cedar /	2779122	0.85	1411		1411	44	44	1198		1198
182	2045	ALT2	EB	AM	HOV		Cedar Ave On-Ramp to Riversic	2779122	0.80	1411		1411	44	44	1122		1122
183	2045	ALT2	EB	AM	HOV		Riverside Ave Off-Ramp to Rive	2779122	0.58	1411		1411	44	44	814		814

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
184	2045	ALT2	EB	AM	HOV		Riverside Ave On-Ramp to Pep	2779122	0.20	1411		1411	44	44	282		282
185	2045	ALT2	EB	AM	HOV		Pepper Ave Off-Ramp to Peppe	2779122	0.66	1411		1411	44	44	931		931
186	2045	ALT2	EB	AM	HOV		Pepper Ave On-Ramp to Ranch	2779122	0.26	1411		1411	44	44	368		368
187	2045	ALT2	EB	AM	HOV		Rancho Ave Off-Ramp to Ranch	2779122	0.41	1411		1411	44	44	581		581
188	2045	ALT2	EB	AM	HOV		Rancho Ave On-Ramp to La Ca	2779122	0.18	1411		1411	44	44	253		253
189	2045	ALT2	EB	AM	HOV		La Cadena Dr/9th St Off-Ramp	2779122	0.53	1411		1411	44	44	747		747
190	2045	ALT2	EB	AM	HOV		La Cadena Dr/9th St On-Ramp	2779122	0.03	1411		1411	44	44	40		40
191	2045	ALT2	EB	AM	HOV		Mt Vernon Ave Off-Ramp to M	2779128	0.61	1473		1473	59	50	892		892
192	2045	ALT2	EB	AM	HOV		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	1473		1473	59	50	71		71
193	2045	ALT2	EB	AM	HOV		I-215 Off-Ramp to I-215 NB On	2779128	0.94	1473		1473	59	50	1387		1387
194	2045	ALT2	EB	AM	HOV		I-215 NB On-Ramp to I-215 SB	2779128	0.11	1473		1473	59	50	161		161
195	2045	ALT2	EB	AM	HOV		I-215 SB On-Ramp to Redlands	2779128	0.13	1473		1473	59	50	191		191
196	2045	ALT2	EB	AM	HOV		Redlands Blvd Off-Ramp to Wa	2779128	0.11	1473		1473	59	50	160		160
197	2045	ALT2	EB	AM	HOV		Waterman Ave Off-Ramp to W	2779128	0.63	1473		1473	59	50	930		930
198	2045	ALT2	EB	AM	HOV		Waterman Ave On-Ramp to An	2779128	0.28	1473		1473	59	50	416		416
199	2045	ALT2	EB	AM	HOV		Anderson St Off-Ramp to Ande	2760301	0.40	2427		2427	54	50	981		981
200	2045	ALT2	EB	AM	HOV		Anderson St On-Ramp to Mour	2760301	0.21	2427		2427	54	50	505		505
201	2045	ALT2	EB	AM	HOV		Mountain View Ave Off-Ramp	2760301	0.79	2427		2427	54	50	1918		1918
202	2045	ALT2	EB	AM	HOV		Mountain View Ave On-Ramp t	2760301	0.18	2427		2427	54	50	445		445
203	2045	ALT2	EB	AM	HOV		California St Off-Ramp to Califc	2760301	0.84	2427		2427	54	50	2042		2042
204	2045	ALT2	EB	AM	HOV		California St On-Ramp to Alaba	2731614	0.18	2513		2513	53	50	442		442
205	2045	ALT2	EB	AM	HOV		Alabama St Off-Ramp to SR-21	2731614	0.39	2513		2513	53	50	984		984
206	2045	ALT2	EB	AM	HOV		SR-210 NB Off-Ramp to Tennes	2731614	0.18	2513		2513	53	50	444		444
207	2045	ALT2	EB	AM	HOV		Tennessee St Off-Ramp to Ten	2731614	0.64	2513		2513	53	50	1616		1616
208	2045	ALT2	EB	AM	HOV		Tennessee St On-Ramp to SR-2	2731614	0.20	2513		2513	53	50	499		499
209	2045	ALT2	EB	AM	HOV		SR-210 SB On-Ramp to Eureka	2731614	0.05	2513		2513	53	50	127		127
210	2045	ALT2	EB	AM	HOV		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	3635		3635	47	47	1566		1566
211	2045	ALT2	EB	AM	HOV		Pearl Ave On-Ramp to Universi	2760225	0.30	3635		3635	47	47	1080		1080
212	2045	ALT2	EB	AM	HOV		University St Off-Ramp to Cypr	2760225	0.80	3635		3635	47	47	2892		2892
213	2045	ALT2	EB	AM	HOV		Cypress Ave On-Ramp to Ford	2760225	0.46	3635		3635	47	47	1664		1664
214	2045	ALT2	EB	AM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2045	ALT2	EB	AM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
1	2045	ALT2	EB	MD	Mainline		LA County Line to Monte Vista	25707	0.26	37879	5177	43056	56	50	9705	1326	11031
2	2045	ALT2	EB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	34387	5062	39449	58	50	23259	3424	26683
3	2045	ALT2	EB	MD	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	42452	5225	47677	58	50	1239	153	1392
4	2045	ALT2	EB	MD	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	37780	5151	42931	56	50	21610	2946	24556
5	2045	ALT2	EB	MD	Mainline		Central Ave On-Ramp to Moun	23488	0.21	38893	5278	44171	59	50	8089	1098	9187
6	2045	ALT2	EB	MD	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	34519	5114	39633	58	50	11836	1753	13589
7	2045	ALT2	EB	MD	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	38662	5307	43969	56	50	18480	2537	21017
8	2045	ALT2	EB	MD	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	34090	5121	39211	58	50	22000	3305	25305
9	2045	ALT2	EB	MD	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	40841	5258	46099	54	50	20907	2692	23599
10	2045	ALT2	EB	MD	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	32147	4976	37123	59	50	5530	856	6386
11	2045	ALT2	EB	MD	Mainline		San Bernardino Ave/4th St On-	23534	0.33	36961	5152	42113	57	50	12162	1695	13857
12	2045	ALT2	EB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	33010	4800	37810	58	50	8070	1174	9244
13	2045	ALT2	EB	MD	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	40188	4964	45152	61	50	7732	955	8687
14	2045	ALT2	EB	MD	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	35395	4341	39736	60	50	11981	1469	13450
15	2045	ALT2	EB	MD	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	42714	4953	47667	57	50	16663	1932	18595
16	2045	ALT2	EB	MD	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	44370	5078	49448	56	50	9903	1133	11036
17	2045	ALT2	EB	MD	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	36722	4719	41441	56	50	15276	1963	17239

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
18	2045	ALT2	EB	MD	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	38852	4848	43700	58	50	12130	1514	13644
19	2045	ALT2	EB	MD	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	40435	5073	45508	60	50	9062	1137	10199
20	2045	ALT2	EB	MD	Mainline		Milliken Ave Off-Ramp to Millil	23622	0.53	35166	4527	39693	60	50	18649	2401	21050
21	2045	ALT2	EB	MD	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	39239	4769	44008	60	50	2084	253	2337
22	2045	ALT2	EB	MD	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	32386	3571	35957	61	50	8042	887	8929
23	2045	ALT2	EB	MD	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	26506	2984	29490	60	50	8130	915	9045
24	2045	ALT2	EB	MD	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	35070	3657	38727	61	50	7598	792	8390
25	2045	ALT2	EB	MD	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	36043	3708	39751	60	50	5074	522	5596
26	2045	ALT2	EB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	33753	3294	37047	61	50	43188	4215	47403
27	2045	ALT2	EB	MD	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	35088	3474	38562	62	50	32439	3212	35651
28	2045	ALT2	EB	MD	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	29727	2882	32609	62	50	18109	1756	19865
29	2045	ALT2	EB	MD	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	34016	3197	37213	63	50	12125	1140	13265
30	2045	ALT2	EB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	32085	2993	35078	63	50	20320	1896	22216
31	2045	ALT2	EB	MD	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	33667	3110	36777	63	50	15087	1394	16481
32	2045	ALT2	EB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	30995	2981	33976	62	50	16605	1597	18202
33	2045	ALT2	EB	MD	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	33431	3083	36514	61	50	15664	1445	17109
34	2045	ALT2	EB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	29060	2869	31929	60	50	18524	1829	20353
35	2045	ALT2	EB	MD	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	32730	2963	35693	61	50	10124	917	11041
36	2045	ALT2	EB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	32730	2963	35693	61	50	12129	1098	13227
37	2045	ALT2	EB	MD	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	32730	2963	35693	61	50	16337	1479	17816
38	2045	ALT2	EB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	28147	2550	30697	61	50	23891	2164	26055
39	2045	ALT2	EB	MD	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	30218	2643	32861	62	50	24037	2102	26139
40	2045	ALT2	EB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	26384	2422	28806	63	50	15220	1397	16617
41	2045	ALT2	EB	MD	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	29890	2584	32474	62	50	5965	516	6481
42	2045	ALT2	EB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	27221	2477	29698	61	50	17958	1634	19592
43	2045	ALT2	EB	MD	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	29102	2532	31634	62	50	7583	660	8243
44	2045	ALT2	EB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	29102	2532	31634	62	50	11991	1043	13034
45	2045	ALT2	EB	MD	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	29916	2554	32470	62	50	5372	459	5831
46	2045	ALT2	EB	MD	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	27726	2416	30142	61	50	14678	1279	15957
47	2045	ALT2	EB	MD	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	29187	2451	31638	62	50	819	69	888
48	2045	ALT2	EB	MD	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	27305	2370	29675	62	50	16540	1436	17976
49	2045	ALT2	EB	MD	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	29187	2412	31599	61	50	1413	117	1530
50	2045	ALT2	EB	MD	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	24299	2080	26379	61	50	22887	1959	24846
51	2045	ALT2	EB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	37520	3041	40561	59	50	4113	333	4446
52	2045	ALT2	EB	MD	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	49234	3847	53081	58	50	6375	498	6873
53	2045	ALT2	EB	MD	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	44133	3746	47879	57	50	4797	407	5204
54	2045	ALT2	EB	MD	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	40821	3579	44400	54	50	25778	2260	28038
55	2045	ALT2	EB	MD	Mainline		Waterman Ave On-Ramp to An	24356	0.28	40811	3675	44486	58	50	11530	1038	12568
56	2045	ALT2	EB	MD	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	36386	3504	39890	57	50	14703	1416	16119
57	2045	ALT2	EB	MD	Mainline		Anderson St On-Ramp to Mour	24003	0.21	38093	3519	41612	62	50	7926	732	8658
58	2045	ALT2	EB	MD	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	33794	3246	37040	61	50	26712	2566	29278
59	2045	ALT2	EB	MD	Mainline		Mountain View Ave On-Ramp t	24040	0.18	37507	3372	40879	62	50	6885	619	7504
60	2045	ALT2	EB	MD	Mainline		California St Off-Ramp to Califc	24075	0.84	33855	3141	36996	61	50	28490	2643	31133
61	2045	ALT2	EB	MD	Mainline		California St On-Ramp to Alaba	24046	0.18	36150	3191	39341	62	50	6353	561	6914
62	2045	ALT2	EB	MD	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	32247	3031	35278	63	50	12626	1187	13813
63	2045	ALT2	EB	MD	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	27053	2769	29822	62	50	4778	489	5267
64	2045	ALT2	EB	MD	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	23084	2500	25584	62	50	14848	1608	16456
65	2045	ALT2	EB	MD	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	25358	2546	27904	61	50	5031	505	5536
66	2045	ALT2	EB	MD	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	33969	4427	38396	61	50	1719	224	1943

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
67	2045	ALT2	EB	MD	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	25851	4251	30102	61	50	11136	1831	12967
68	2045	ALT2	EB	MD	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	27646	4306	31952	62	50	8217	1280	9497
69	2045	ALT2	EB	MD	Mainline		University St Off-Ramp to Cypr	23724	0.80	23420	4161	27581	61	50	18631	3310	21941
70	2045	ALT2	EB	MD	Mainline		Cypress Ave On-Ramp to Ford S	23642	0.46	24558	4188	28746	63	50	11242	1917	13159
71	2045	ALT2	EB	MD	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	22423	4136	26559	63	50	14577	2689	17266
72	2045	ALT2	EB	MD	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	24903	4166	29069	64	50	14692	2458	17150
73	2045	ALT2	EB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	3492	115	3607	18	18	660	22	682
74	2045	ALT2	EB	MD	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2531	164	2695	16	16	327	21	348
75	2045	ALT2	EB	MD	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	4672	74	4746	11	11	607	10	617
76	2045	ALT2	EB	MD	Ramp	ON	Central Ave On-Ramp	2668755	0.19	3869	128	3997	13	13	725	24	749
77	2045	ALT2	EB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3887	164	4051	15	15	629	27	656
78	2045	ALT2	EB	MD	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	4143	193	4336	12	12	483	23	506
79	2045	ALT2	EB	MD	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	4572	186	4758	11	11	670	27	697
80	2045	ALT2	EB	MD	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	3284	137	3421	14	14	1149	48	1197
81	2045	ALT2	EB	MD	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	6475	282	6757	23	23	2056	90	2146
82	2045	ALT2	EB	MD	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	4813	176	4989	17	17	1132	41	1173
83	2045	ALT2	EB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	3951	351	4302	26	26	402	36	438
84	2045	ALT2	EB	MD	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	4768	163	4931	28	28	597	20	617
85	2045	ALT2	EB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4792	623	5415	30	30	1394	181	1575
86	2045	ALT2	EB	MD	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	6235	613	6848	21	21	1421	140	1561
87	2045	ALT2	EB	MD	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1656	125	1781	17	17	384	29	413
88	2045	ALT2	EB	MD	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	7648	359	8007	17	17	1085	51	1136
89	2045	ALT2	EB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1680	128	1808	17	17	205	16	221
90	2045	ALT2	EB	MD	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1583	226	1809	17	17	443	63	506
91	2045	ALT2	EB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	5268	547	5815	23	23	930	97	1027
92	2045	ALT2	EB	MD	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3596	243	3839	12	12	696	47	743
93	2045	ALT2	EB	MD	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	6852	1199	8051	31	31	7606	1331	8937
94	2045	ALT2	EB	MD	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	5881	586	6467	23	23	3392	338	3730
95	2045	ALT2	EB	MD	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	8564	673	9237	14	14	955	75	1030
96	2045	ALT2	EB	MD	Ramp	ON	I-15 SB On-Ramp	23557	1.20	974	51	1025	35	35	1166	61	1227
97	2045	ALT2	EB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	2290	414	2704	27	27	450	81	531
98	2045	ALT2	EB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1614	180	1794	28	28	577	64	641
99	2045	ALT2	EB	MD	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	5361	592	5953	30	30	1093	121	1214
100	2045	ALT2	EB	MD	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	4327	315	4642	28	28	1333	97	1430
101	2045	ALT2	EB	MD	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	1931	204	2135	34	34	666	70	736
102	2045	ALT2	EB	MD	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1717	117	1834	29	29	507	35	542
103	2045	ALT2	EB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2672	129	2801	33	33	358	17	375
104	2045	ALT2	EB	MD	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2488	102	2590	19	19	668	27	695
105	2045	ALT2	EB	MD	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	4371	214	4585	26	26	512	25	537
106	2045	ALT2	EB	MD	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3772	94	3866	13	13	110	3	113
107	2045	ALT2	EB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2435	184	2619	22	22	872	66	938
108	2045	ALT2	EB	MD	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	2394	62	2456	17	17	822	21	843
109	2045	ALT2	EB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4342	291	4633	26	26	794	53	847
110	2045	ALT2	EB	MD	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2180	93	2273	19	19	896	38	934
111	2045	ALT2	EB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	3834	221	4055	32	32	481	28	509
112	2045	ALT2	EB	MD	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3606	163	3769	18	18	1088	49	1137
113	2045	ALT2	EB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2669	107	2776	21	21	815	33	848
114	2045	ALT2	EB	MD	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	2058	55	2113	17	17	753	20	773
115	2045	ALT2	EB	MD	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
116	2045	ALT2	EB	MD	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	908	22	930	19	19	289	7	296
117	2045	ALT2	EB	MD	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	2190	138	2328	23	23	543	34	577
118	2045	ALT2	EB	MD	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1461	35	1496	19	19	413	10	423
119	2045	ALT2	EB	MD	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1882	81	1963	24	24	791	34	825
120	2045	ALT2	EB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	2005	42	2047	19	19	520	11	531
121	2045	ALT2	EB	MD	Ramp	OFF	I-215 Off-Ramp	24444	0.24	4888	332	5220	34	34	1150	78	1228
122	2045	ALT2	EB	MD	Ramp	ON	I-215 NB On-Ramp	24630	0.87	13220	961	14181	26	26	11489	835	12324
123	2045	ALT2	EB	MD	Ramp	ON	I-215 SB On-Ramp	24516	0.76	11714	806	12520	28	28	8880	611	9491
124	2045	ALT2	EB	MD	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	5101	101	5202	6	6	464	9	473
125	2045	ALT2	EB	MD	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	3311	168	3479	15	15	824	42	866
126	2045	ALT2	EB	MD	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2291	96	2387	16	16	318	13	331
127	2045	ALT2	EB	MD	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	4375	170	4545	9	9	1102	43	1145
128	2045	ALT2	EB	MD	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1706	15	1721	17	17	175	2	177
129	2045	ALT2	EB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	4299	272	4571	17	17	1263	80	1343
130	2045	ALT2	EB	MD	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	3776	126	3902	29	29	861	29	890
131	2045	ALT2	EB	MD	Ramp	OFF	California St Off-Ramp	94801	0.46	3653	231	3884	22	22	1663	105	1768
132	2045	ALT2	EB	MD	Ramp	ON	California St On-Ramp	95942	0.39	2357	50	2407	28	28	913	19	932
133	2045	ALT2	EB	MD	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	3903	160	4063	21	21	1693	69	1762
134	2045	ALT2	EB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	5194	262	5456	29	29	4297	217	4514
135	2045	ALT2	EB	MD	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	3969	269	4238	20	20	1362	92	1454
136	2045	ALT2	EB	MD	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2274	46	2320	17	17	241	5	246
137	2045	ALT2	EB	MD	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	8612	1880	10492	27	27	9140	1995	11135
138	2045	ALT2	EB	MD	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	5139	176	5315	8	8	458	16	474
139	2045	ALT2	EB	MD	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1794	56	1850	18	18	532	17	549
140	2045	ALT2	EB	MD	Ramp	OFF	University St Off-Ramp	94695	0.28	4225	146	4371	14	14	1181	41	1222
141	2045	ALT2	EB	MD	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	1171	28	1199	29	29	354	8	362
142	2045	ALT2	EB	MD	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3638	52	3690	23	23	1000	14	1014
143	2045	ALT2	EB	MD	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	2481	29	2510	29	29	934	11	945
144	2045	ALT2	EB	MD	HOV		LA County Line to Monte Vista	2664669	0.26	10546		10546	39	39	2702		2702
145	2045	ALT2	EB	MD	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	10546		10546	39	39	7133		7133
146	2045	ALT2	EB	MD	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	10546		10546	39	39	308		308
147	2045	ALT2	EB	MD	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	10546		10546	39	39	6032		6032
148	2045	ALT2	EB	MD	HOV		Central Ave On-Ramp to Moun	2664669	0.21	10546		10546	39	39	2193		2193
149	2045	ALT2	EB	MD	HOV		Mountain Ave Off-Ramp to Mc	2664669	0.34	10546		10546	39	39	3616		3616
150	2045	ALT2	EB	MD	HOV		Mountain Ave On-Ramp to Euc	2779098	0.48	8257		8257	46	46	3947		3947
151	2045	ALT2	EB	MD	HOV		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	8257		8257	46	46	5329		5329
152	2045	ALT2	EB	MD	HOV		Euclid Ave On-Ramp to San Be	2779098	0.51	8257		8257	46	46	4227		4227
153	2045	ALT2	EB	MD	HOV		San Bernardino Ave/4th St Off-	2665612	0.17	7009		7009	55	50	1206		1206
154	2045	ALT2	EB	MD	HOV		San Bernardino Ave/4th St On-	2665612	0.33	7009		7009	55	50	2306		2306
155	2045	ALT2	EB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	7009		7009	55	50	1714		1714
156	2045	ALT2	EB	MD	HOV		Vineyard Ave On-Ramp to Arch	2665612	0.19	7009		7009	55	50	1348		1348
157	2045	ALT2	EB	MD	HOV		Archibald Ave Off-Ramp to Hol	2665612	0.34	7009		7009	55	50	2372		2372
158	2045	ALT2	EB	MD	HOV		Holt Blvd On-Ramp to Archibal	2665612	0.39	7009		7009	55	50	2734		2734
159	2045	ALT2	EB	MD	HOV		Archibald Ave On-Ramp to Hav	2665612	0.22	7009		7009	55	50	1564		1564
160	2045	ALT2	EB	MD	HOV		Haven Ave Off-Ramp to Haven	2665612	0.42	7009		7009	55	50	2916		2916
161	2045	ALT2	EB	MD	HOV		Haven Ave Loop On-Ramp to H	2778934	0.31	3065		3065	58	50	957		957
162	2045	ALT2	EB	MD	HOV		Haven Ave On-Ramp to Millike	2778934	0.22	3065		3065	58	50	687		687
163	2045	ALT2	EB	MD	HOV		Milliken Ave Off-Ramp to Milli	2778934	0.53	3065		3065	58	50	1625		1625
164	2045	ALT2	EB	MD	HOV		Milliken Ave Loop On-Ramp to	2778934	0.05	3065		3065	58	50	163		163

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
165	2045	ALT2	EB	MD	HOV		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	3065		3065	58	50	761		761
166	2045	ALT2	EB	MD	HOV		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	3065		3065	58	50	940		940
167	2045	ALT2	EB	MD	HOV		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	3065		3065	58	50	664		664
168	2045	ALT2	EB	MD	HOV		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	3065		3065	58	50	431		431
169	2045	ALT2	EB	MD	HOV		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	3065		3065	58	50	3922		3922
170	2045	ALT2	EB	MD	HOV		Etiwanda Ave On-Ramp to Che	2778934	0.92	3065		3065	58	50	2834		2834
171	2045	ALT2	EB	MD	HOV		Cherry Ave Off-Ramp to Cherry	2760156	0.61	2907		2907	59	50	1771		1771
172	2045	ALT2	EB	MD	HOV		Cherry Ave On-Ramp to Beach	2760156	0.36	2907		2907	59	50	1036		1036
173	2045	ALT2	EB	MD	HOV		Beach Ave Off-Ramp to Beach	2760156	0.63	2907		2907	59	50	1841		1841
174	2045	ALT2	EB	MD	HOV		BeachAve On-Ramp to Citrus A	2760156	0.45	2907		2907	59	50	1303		1303
175	2045	ALT2	EB	MD	HOV		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	2907		2907	59	50	1557		1557
176	2045	ALT2	EB	MD	HOV		Citrus Ave On-Ramp to Sierra A	2760156	0.47	2907		2907	59	50	1362		1362
177	2045	ALT2	EB	MD	HOV		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	2907		2907	59	50	1853		1853
178	2045	ALT2	EB	MD	HOV		Sierra Ave On-Ramp to Alder A	2760156	0.31	2907		2907	59	50	899		899
179	2045	ALT2	EB	MD	HOV		Alder Ave Off-Ramp to Alder A	2779122	0.37	2907		2907	59	50	1077		1077
180	2045	ALT2	EB	MD	HOV		Alder Ave On-Ramp to Cedar A	2779122	0.50	2907		2907	59	50	1451		1451
181	2045	ALT2	EB	MD	HOV		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	3395		3395	43	43	2882		2882
182	2045	ALT2	EB	MD	HOV		Cedar Ave On-Ramp to Riversic	2779122	0.80	3395		3395	43	43	2701		2701
183	2045	ALT2	EB	MD	HOV		Riverside Ave Off-Ramp to Rive	2779122	0.58	3395		3395	43	43	1958		1958
184	2045	ALT2	EB	MD	HOV		Riverside Ave On-Ramp to Pep	2779122	0.20	3395		3395	43	43	678		678
185	2045	ALT2	EB	MD	HOV		Pepper Ave Off-Ramp to Peppe	2779122	0.66	3395		3395	43	43	2240		2240
186	2045	ALT2	EB	MD	HOV		Pepper Ave On-Ramp to Ranch	2779122	0.26	3395		3395	43	43	885		885
187	2045	ALT2	EB	MD	HOV		Rancho Ave Off-Ramp to Ranch	2779122	0.41	3395		3395	43	43	1399		1399
188	2045	ALT2	EB	MD	HOV		Rancho Ave On-Ramp to La Ca	2779122	0.18	3395		3395	43	43	610		610
189	2045	ALT2	EB	MD	HOV		La Cadena Dr/9th St Off-Ramp	2779122	0.53	3395		3395	43	43	1797		1797
190	2045	ALT2	EB	MD	HOV		La Cadena Dr/9th St On-Ramp	2779122	0.03	3395		3395	43	43	95		95
191	2045	ALT2	EB	MD	HOV		Mt Vernon Ave Off-Ramp to M	2779128	0.61	3876		3876	56	50	2348		2348
192	2045	ALT2	EB	MD	HOV		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	3876		3876	56	50	188		188
193	2045	ALT2	EB	MD	HOV		I-215 Off-Ramp to I-215 NB On	2779128	0.94	3876		3876	56	50	3651		3651
194	2045	ALT2	EB	MD	HOV		I-215 NB On-Ramp to I-215 SB	2779128	0.11	3876		3876	56	50	425		425
195	2045	ALT2	EB	MD	HOV		I-215 SB On-Ramp to Redlands	2779128	0.13	3876		3876	56	50	502		502
196	2045	ALT2	EB	MD	HOV		Redlands Blvd Off-Ramp to Wa	2779128	0.11	3876		3876	56	50	421		421
197	2045	ALT2	EB	MD	HOV		Waterman Ave Off-Ramp to W	2779128	0.63	3876		3876	56	50	2448		2448
198	2045	ALT2	EB	MD	HOV		Waterman Ave On-Ramp to An	2779128	0.28	3876		3876	56	50	1095		1095
199	2045	ALT2	EB	MD	HOV		Anderson St Off-Ramp to Ande	2760301	0.40	6351		6351	50	50	2566		2566
200	2045	ALT2	EB	MD	HOV		Anderson St On-Ramp to Mour	2760301	0.21	6351		6351	50	50	1321		1321
201	2045	ALT2	EB	MD	HOV		Mountain View Ave Off-Ramp t	2760301	0.79	6351		6351	50	50	5020		5020
202	2045	ALT2	EB	MD	HOV		Mountain View Ave On-Ramp t	2760301	0.18	6351		6351	50	50	1166		1166
203	2045	ALT2	EB	MD	HOV		California St Off-Ramp to Califc	2760301	0.84	6351		6351	50	50	5345		5345
204	2045	ALT2	EB	MD	HOV		California St On-Ramp to Alaba	2731614	0.18	6476		6476	49	49	1138		1138
205	2045	ALT2	EB	MD	HOV		Alabama St Off-Ramp to SR-21	2731614	0.39	6476		6476	49	49	2536		2536
206	2045	ALT2	EB	MD	HOV		SR-210 NB Off-Ramp to Tennes	2731614	0.18	6476		6476	49	49	1144		1144
207	2045	ALT2	EB	MD	HOV		Tennessee St Off-Ramp to Ten	2731614	0.64	6476		6476	49	49	4166		4166
208	2045	ALT2	EB	MD	HOV		Tennessee St On-Ramp to SR-2	2731614	0.20	6476		6476	49	49	1285		1285
209	2045	ALT2	EB	MD	HOV		SR-210 SB On-Ramp to Eureka	2731614	0.05	6476		6476	49	49	328		328
210	2045	ALT2	EB	MD	HOV		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	9454		9454	40	40	4072		4072
211	2045	ALT2	EB	MD	HOV		Pearl Ave On-Ramp to Universi	2760225	0.30	9454		9454	40	40	2810		2810
212	2045	ALT2	EB	MD	HOV		University St Off-Ramp to Cypr	2760225	0.80	9454		9454	40	40	7521		7521
213	2045	ALT2	EB	MD	HOV		Cypress Ave On-Ramp to Ford	2760225	0.46	9454		9454	40	40	4328		4328

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
214	2045	ALT2	EB	MD	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2045	ALT2	EB	MD	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
1	2045	ALT2	EB	PM	Mainline		LA County Line to Monte Vista	25707	0.26	27747	9361	37108	62	50	7109	2398	9507
2	2045	ALT2	EB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	26450	9289	35739	62	50	17891	6283	24174
3	2045	ALT2	EB	PM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	30311	9394	39705	63	50	885	274	1159
4	2045	ALT2	EB	PM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	26263	9261	35524	62	50	15022	5297	20319
5	2045	ALT2	EB	PM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	27976	9390	37366	63	50	5818	1953	7771
6	2045	ALT2	EB	PM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	24783	9250	34033	63	50	8497	3172	11669
7	2045	ALT2	EB	PM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	27603	9430	37033	62	50	13194	4507	17701
8	2045	ALT2	EB	PM	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	23736	9217	32953	63	50	15318	5948	21266
9	2045	ALT2	EB	PM	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	27496	9332	36828	62	50	14075	4777	18852
10	2045	ALT2	EB	PM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	21872	9112	30984	63	50	3763	1568	5331
11	2045	ALT2	EB	PM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	24299	9231	33530	62	50	7996	3037	11033
12	2045	ALT2	EB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	22689	8912	31601	63	50	5547	2179	7726
13	2045	ALT2	EB	PM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	26413	9025	35438	64	50	5081	1736	6817
14	2045	ALT2	EB	PM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	21768	8624	30392	64	50	7368	2919	10287
15	2045	ALT2	EB	PM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	26934	9231	36165	63	50	10507	3601	14108
16	2045	ALT2	EB	PM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	28088	9328	37416	63	50	6269	2082	8351
17	2045	ALT2	EB	PM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	24000	8955	32955	62	50	9984	3725	13709
18	2045	ALT2	EB	PM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	24836	9071	33907	63	50	7754	2832	10586
19	2045	ALT2	EB	PM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	25845	9268	35113	63	50	5792	2077	7869
20	2045	ALT2	EB	PM	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	23642	8832	32474	63	50	12538	4684	17222
21	2045	ALT2	EB	PM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	26379	9120	35499	63	50	1401	484	1885
22	2045	ALT2	EB	PM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	20413	4697	25110	64	50	5069	1166	6235
23	2045	ALT2	EB	PM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	17032	4105	21137	63	50	5224	1259	6483
24	2045	ALT2	EB	PM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	21911	4563	26474	63	50	4747	989	5736
25	2045	ALT2	EB	PM	Mainline		I-15 SB On-Ramp to Etiwanda /	24162	0.14	22479	4610	27089	64	50	3164	649	3813
26	2045	ALT2	EB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	21621	4263	25884	64	50	27665	5455	33120
27	2045	ALT2	EB	PM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	22214	4407	26621	64	50	20537	4074	24611
28	2045	ALT2	EB	PM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	17830	3843	21673	64	50	10862	2341	13203
29	2045	ALT2	EB	PM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	20376	4111	24487	64	50	7263	1465	8728
30	2045	ALT2	EB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	19806	3994	23800	64	50	12544	2529	15073
31	2045	ALT2	EB	PM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	20576	4094	24670	64	50	9221	1835	11056
32	2045	ALT2	EB	PM	Mainline		Citrus Ave Off-Ramp to Citrus /	24532	0.54	18722	3988	22710	64	50	10030	2137	12167
33	2045	ALT2	EB	PM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	20052	4075	24127	64	50	9395	1909	11304
34	2045	ALT2	EB	PM	Mainline		Sierra Ave Off-Ramp to Sierra /	24384	0.64	17179	3859	21038	64	50	10950	2460	13410
35	2045	ALT2	EB	PM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	19070	3931	23001	64	50	5899	1216	7115
36	2045	ALT2	EB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	19070	3931	23001	64	50	7067	1457	8524
37	2045	ALT2	EB	PM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	19070	3931	23001	64	50	9518	1962	11480
38	2045	ALT2	EB	PM	Mainline		Cedar Ave Off-Ramp to Cedar /	24203	0.85	15521	3560	19081	64	50	13174	3022	16196
39	2045	ALT2	EB	PM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	16509	3623	20132	64	50	13132	2882	16014
40	2045	ALT2	EB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	14909	3480	18389	64	50	8601	2008	10609
41	2045	ALT2	EB	PM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	16824	3628	20452	64	50	3357	724	4081
42	2045	ALT2	EB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	14931	3524	18455	64	50	9850	2325	12175
43	2045	ALT2	EB	PM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	15965	3576	19541	64	50	4160	932	5092
44	2045	ALT2	EB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	15965	3576	19541	64	50	6578	1473	8051
45	2045	ALT2	EB	PM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	16492	3588	20080	64	50	2962	644	3606
46	2045	ALT2	EB	PM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	15149	3460	18609	64	50	8020	1832	9852
47	2045	ALT2	EB	PM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	15862	3490	19352	64	50	445	98	543

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
48	2045	ALT2	EB	PM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	14820	3440	18260	64	50	8977	2084	11061
49	2045	ALT2	EB	PM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	15623	3472	19095	64	50	756	168	924
50	2045	ALT2	EB	PM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	13850	3240	17090	64	50	13045	3052	16097
51	2045	ALT2	EB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	22703	4168	26871	64	50	2489	457	2946
52	2045	ALT2	EB	PM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	30639	5281	35920	63	50	3967	684	4651
53	2045	ALT2	EB	PM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	26562	4930	31492	63	50	2887	536	3423
54	2045	ALT2	EB	PM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	26302	4909	31211	62	50	16610	3100	19710
55	2045	ALT2	EB	PM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	26349	4997	31346	63	50	7444	1412	8856
56	2045	ALT2	EB	PM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	22974	4742	27716	63	50	9284	1916	11200
57	2045	ALT2	EB	PM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	24070	4756	28826	64	50	5008	990	5998
58	2045	ALT2	EB	PM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	21915	4547	26462	64	50	17322	3594	20916
59	2045	ALT2	EB	PM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	24661	4660	29321	64	50	4527	855	5382
60	2045	ALT2	EB	PM	Mainline		California St Off-Ramp to Califc	24075	0.84	23011	4432	27443	64	50	19365	3730	23095
61	2045	ALT2	EB	PM	Mainline		California St On-Ramp to Alaba	24046	0.18	24364	4475	28839	64	50	4282	786	5068
62	2045	ALT2	EB	PM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	21654	4257	25911	64	50	8478	1667	10145
63	2045	ALT2	EB	PM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	18991	4083	23074	64	50	3354	721	4075
64	2045	ALT2	EB	PM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	16647	3860	20507	64	50	10708	2483	13191
65	2045	ALT2	EB	PM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	18282	3903	22185	64	50	3627	774	4401
66	2045	ALT2	EB	PM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	22155	4677	26832	64	50	1121	237	1358
67	2045	ALT2	EB	PM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	17984	4500	22484	64	50	7747	1938	9685
68	2045	ALT2	EB	PM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	19309	4542	23851	64	50	5739	1350	7089
69	2045	ALT2	EB	PM	Mainline		University St Off-Ramp to Cypr	23724	0.80	16037	4411	20448	64	50	12758	3509	16267
70	2045	ALT2	EB	PM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	16603	4426	21029	64	50	7601	2026	9627
71	2045	ALT2	EB	PM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	14810	4386	19196	64	50	9628	2851	12479
72	2045	ALT2	EB	PM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	16048	4411	20459	65	50	9468	2602	12070
73	2045	ALT2	EB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1297	71	1368	28	28	245	13	258
74	2045	ALT2	EB	PM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1219	104	1323	19	19	157	13	170
75	2045	ALT2	EB	PM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	4048	133	4181	23	23	526	17	543
76	2045	ALT2	EB	PM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2584	129	2713	18	18	484	24	508
77	2045	ALT2	EB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	2976	140	3116	25	25	481	23	504
78	2045	ALT2	EB	PM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2819	181	3000	18	18	329	21	350
79	2045	ALT2	EB	PM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3867	214	4081	23	23	567	31	598
80	2045	ALT2	EB	PM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2047	115	2162	18	18	716	40	756
81	2045	ALT2	EB	PM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	4337	220	4557	28	28	1377	70	1447
82	2045	ALT2	EB	PM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	2426	119	2545	19	19	571	28	599
83	2045	ALT2	EB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1610	319	1929	29	29	164	32	196
84	2045	ALT2	EB	PM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2415	113	2528	30	30	303	14	317
85	2045	ALT2	EB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4646	400	5046	33	33	1351	116	1467
86	2045	ALT2	EB	PM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	4173	606	4779	27	27	951	138	1089
87	2045	ALT2	EB	PM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1153	98	1251	19	19	268	23	291
88	2045	ALT2	EB	PM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	4088	373	4461	27	27	580	53	633
89	2045	ALT2	EB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	997	116	1113	19	19	122	14	136
90	2045	ALT2	EB	PM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1009	197	1206	19	19	282	55	337
91	2045	ALT2	EB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2202	437	2639	29	29	389	77	466
92	2045	ALT2	EB	PM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2302	288	2590	17	17	445	56	501
93	2045	ALT2	EB	PM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	5966	4423	10389	32	32	6623	4910	11533
94	2045	ALT2	EB	PM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3381	592	3973	31	31	1950	341	2291
95	2045	ALT2	EB	PM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	4879	458	5337	30	30	544	51	595
96	2045	ALT2	EB	PM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	568	47	615	35	35	680	56	736

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
97	2045	ALT2	EB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	858	347	1205	29	29	169	68	237
98	2045	ALT2	EB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	722	144	866	30	30	258	52	310
99	2045	ALT2	EB	PM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4384	564	4948	33	33	894	115	1009
100	2045	ALT2	EB	PM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2549	268	2817	29	29	786	83	869
101	2045	ALT2	EB	PM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	570	117	687	35	35	197	40	237
102	2045	ALT2	EB	PM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	857	99	956	30	30	253	29	282
103	2045	ALT2	EB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1855	105	1960	34	34	248	14	262
104	2045	ALT2	EB	PM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1359	87	1446	20	20	365	23	388
105	2045	ALT2	EB	PM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2873	216	3089	29	29	337	25	362
106	2045	ALT2	EB	PM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	1948	72	2020	19	19	57	2	59
107	2045	ALT2	EB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	1828	171	1999	27	27	654	61	715
108	2045	ALT2	EB	PM	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1321	52	1373	19	19	454	18	472
109	2045	ALT2	EB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2842	251	3093	29	29	520	46	566
110	2045	ALT2	EB	PM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1053	63	1116	20	20	433	26	459
111	2045	ALT2	EB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1601	142	1743	34	34	201	18	219
112	2045	ALT2	EB	PM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	1969	148	2117	20	20	594	45	639
113	2045	ALT2	EB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1893	104	1997	27	27	578	32	610
114	2045	ALT2	EB	PM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1132	52	1184	19	19	414	19	433
115	2045	ALT2	EB	PM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2045	ALT2	EB	PM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	587	12	599	20	20	187	4	191
117	2045	ALT2	EB	PM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1344	128	1472	28	28	333	32	365
118	2045	ALT2	EB	PM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	713	30	743	20	20	202	8	210
119	2045	ALT2	EB	PM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1041	51	1092	28	28	438	21	459
120	2045	ALT2	EB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	866	32	898	20	20	225	8	233
121	2045	ALT2	EB	PM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	1774	232	2006	35	35	417	55	472
122	2045	ALT2	EB	PM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	8854	927	9781	33	33	7695	806	8501
123	2045	ALT2	EB	PM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	7936	1113	9049	33	33	6016	844	6860
124	2045	ALT2	EB	PM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	4077	351	4428	19	19	371	32	403
125	2045	ALT2	EB	PM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	261	20	281	29	29	65	5	70
126	2045	ALT2	EB	PM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1578	88	1666	19	19	219	12	231
127	2045	ALT2	EB	PM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3463	255	3718	21	21	872	64	936
128	2045	ALT2	EB	PM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1097	13	1110	19	19	113	1	114
129	2045	ALT2	EB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2155	209	2364	32	32	633	61	694
130	2045	ALT2	EB	PM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	2799	113	2912	29	29	638	26	664
131	2045	ALT2	EB	PM	Ramp	OFF	California St Off-Ramp	94801	0.46	1650	228	1878	32	32	751	104	855
132	2045	ALT2	EB	PM	Ramp	ON	California St On-Ramp	95942	0.39	1494	43	1537	29	29	579	17	596
133	2045	ALT2	EB	PM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2710	218	2928	31	31	1175	95	1270
134	2045	ALT2	EB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2663	174	2837	30	30	2203	144	2347
135	2045	ALT2	EB	PM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2344	223	2567	31	31	804	77	881
136	2045	ALT2	EB	PM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1635	43	1678	19	19	173	5	178
137	2045	ALT2	EB	PM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	3874	774	4648	29	29	4112	821	4933
138	2045	ALT2	EB	PM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2935	178	3113	25	25	261	16	277
139	2045	ALT2	EB	PM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1325	42	1367	19	19	393	12	405
140	2045	ALT2	EB	PM	Ramp	OFF	University St Off-Ramp	94695	0.28	3272	131	3403	24	24	915	37	952
141	2045	ALT2	EB	PM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	691	15	706	30	30	209	5	214
142	2045	ALT2	EB	PM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	2259	39	2298	32	32	621	11	632
143	2045	ALT2	EB	PM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	1239	24	1263	30	30	467	9	476
144	2045	ALT2	EB	PM	HOV		LA County Line to Monte Vista	2664669	0.26	5996		5996	58	50	1536		1536
145	2045	ALT2	EB	PM	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	5996		5996	58	50	4056		4056

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
146	2045	ALT2	EB	PM	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	5996		5996	58	50	175		175
147	2045	ALT2	EB	PM	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	5996		5996	58	50	3430		3430
148	2045	ALT2	EB	PM	HOV		Central Ave On-Ramp to Moun	2664669	0.21	5996		5996	58	50	1247		1247
149	2045	ALT2	EB	PM	HOV		Mountain Ave Off-Ramp to Mc	2664669	0.34	5996		5996	58	50	2056		2056
150	2045	ALT2	EB	PM	HOV		Mountain Ave On-Ramp to Euc	2779098	0.48	4441		4441	60	50	2123		2123
151	2045	ALT2	EB	PM	HOV		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	4441		4441	60	50	2866		2866
152	2045	ALT2	EB	PM	HOV		Euclid Ave On-Ramp to San Ber	2779098	0.51	4441		4441	60	50	2273		2273
153	2045	ALT2	EB	PM	HOV		San Bernardino Ave/4th St Off-	2665612	0.17	4013		4013	62	50	690		690
154	2045	ALT2	EB	PM	HOV		San Bernardino Ave/4th St On-	2665612	0.33	4013		4013	62	50	1320		1320
155	2045	ALT2	EB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	4013		4013	62	50	981		981
156	2045	ALT2	EB	PM	HOV		Vineyard Ave On-Ramp to Arch	2665612	0.19	4013		4013	62	50	772		772
157	2045	ALT2	EB	PM	HOV		Archibald Ave Off-Ramp to Hol	2665612	0.34	4013		4013	62	50	1358		1358
158	2045	ALT2	EB	PM	HOV		Holt Blvd On-Ramp to Archibal	2665612	0.39	4013		4013	62	50	1565		1565
159	2045	ALT2	EB	PM	HOV		Archibald Ave On-Ramp to Hav	2665612	0.22	4013		4013	62	50	896		896
160	2045	ALT2	EB	PM	HOV		Haven Ave Off-Ramp to Haven	2665612	0.42	4013		4013	62	50	1669		1669
161	2045	ALT2	EB	PM	HOV		Haven Ave Loop On-Ramp to H	2778934	0.31	1872		1872	63	50	584		584
162	2045	ALT2	EB	PM	HOV		Haven Ave On-Ramp to Millike	2778934	0.22	1872		1872	63	50	420		420
163	2045	ALT2	EB	PM	HOV		Milliken Ave Off-Ramp to Millik	2778934	0.53	1872		1872	63	50	993		993
164	2045	ALT2	EB	PM	HOV		Milliken Ave Loop On-Ramp to	2778934	0.05	1872		1872	63	50	99		99
165	2045	ALT2	EB	PM	HOV		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	1872		1872	63	50	465		465
166	2045	ALT2	EB	PM	HOV		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	1872		1872	63	50	574		574
167	2045	ALT2	EB	PM	HOV		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	1872		1872	63	50	406		406
168	2045	ALT2	EB	PM	HOV		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	1872		1872	63	50	264		264
169	2045	ALT2	EB	PM	HOV		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	1872		1872	63	50	2395		2395
170	2045	ALT2	EB	PM	HOV		Etiwanda Ave On-Ramp to Che	2778934	0.92	1872		1872	63	50	1731		1731
171	2045	ALT2	EB	PM	HOV		Cherry Ave Off-Ramp to Cherry	2760156	0.61	1569		1569	63	50	956		956
172	2045	ALT2	EB	PM	HOV		Cherry Ave On-Ramp to Beach	2760156	0.36	1569		1569	63	50	559		559
173	2045	ALT2	EB	PM	HOV		Beach Ave Off-Ramp to Beach	2760156	0.63	1569		1569	63	50	994		994
174	2045	ALT2	EB	PM	HOV		BeachAve On-Ramp to Citrus A	2760156	0.45	1569		1569	63	50	703		703
175	2045	ALT2	EB	PM	HOV		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	1569		1569	63	50	841		841
176	2045	ALT2	EB	PM	HOV		Citrus Ave On-Ramp to Sierra A	2760156	0.47	1569		1569	63	50	735		735
177	2045	ALT2	EB	PM	HOV		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	1569		1569	63	50	1000		1000
178	2045	ALT2	EB	PM	HOV		Sierra Ave On-Ramp to Alder A	2760156	0.31	1569		1569	63	50	485		485
179	2045	ALT2	EB	PM	HOV		Alder Ave Off-Ramp to Alder A	2779122	0.37	1569		1569	63	50	581		581
180	2045	ALT2	EB	PM	HOV		Alder Ave On-Ramp to Cedar A	2779122	0.50	1569		1569	63	50	783		783
181	2045	ALT2	EB	PM	HOV		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	1942		1942	47	47	1648		1648
182	2045	ALT2	EB	PM	HOV		Cedar Ave On-Ramp to Riversic	2779122	0.80	1942		1942	47	47	1545		1545
183	2045	ALT2	EB	PM	HOV		Riverside Ave Off-Ramp to Rive	2779122	0.58	1942		1942	47	47	1120		1120
184	2045	ALT2	EB	PM	HOV		Riverside Ave On-Ramp to Pep	2779122	0.20	1942		1942	47	47	388		388
185	2045	ALT2	EB	PM	HOV		Pepper Ave Off-Ramp to Peppe	2779122	0.66	1942		1942	47	47	1281		1281
186	2045	ALT2	EB	PM	HOV		Pepper Ave On-Ramp to Ranch	2779122	0.26	1942		1942	47	47	506		506
187	2045	ALT2	EB	PM	HOV		Rancho Ave Off-Ramp to Ranch	2779122	0.41	1942		1942	47	47	800		800
188	2045	ALT2	EB	PM	HOV		Rancho Ave On-Ramp to La Ca	2779122	0.18	1942		1942	47	47	349		349
189	2045	ALT2	EB	PM	HOV		La Cadena Dr/9th St Off-Ramp	2779122	0.53	1942		1942	47	47	1028		1028
190	2045	ALT2	EB	PM	HOV		La Cadena Dr/9th St On-Ramp	2779122	0.03	1942		1942	47	47	55		55
191	2045	ALT2	EB	PM	HOV		Mt Vernon Ave Off-Ramp to M	2779128	0.61	2220		2220	62	50	1345		1345
192	2045	ALT2	EB	PM	HOV		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	2220		2220	62	50	107		107
193	2045	ALT2	EB	PM	HOV		I-215 Off-Ramp to I-215 NB On	2779128	0.94	2220		2220	62	50	2091		2091
194	2045	ALT2	EB	PM	HOV		I-215 NB On-Ramp to I-215 SB	2779128	0.11	2220		2220	62	50	243		243

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
195	2045	ALT2	EB	PM	HOV		I-215 SB On-Ramp to Redlands	2779128	0.13	2220		2220	62	50	287		287
196	2045	ALT2	EB	PM	HOV		Redlands Blvd Off-Ramp to Wa	2779128	0.11	2220		2220	62	50	241		241
197	2045	ALT2	EB	PM	HOV		Waterman Ave Off-Ramp to W	2779128	0.63	2220		2220	62	50	1402		1402
198	2045	ALT2	EB	PM	HOV		Waterman Ave On-Ramp to An	2779128	0.28	2220		2220	62	50	627		627
199	2045	ALT2	EB	PM	HOV		Anderson St Off-Ramp to Ande	2760301	0.40	3724		3724	60	50	1505		1505
200	2045	ALT2	EB	PM	HOV		Anderson St On-Ramp to Mour	2760301	0.21	3724		3724	60	50	775		775
201	2045	ALT2	EB	PM	HOV		Mountain View Ave Off-Ramp t	2760301	0.79	3724		3724	60	50	2944		2944
202	2045	ALT2	EB	PM	HOV		Mountain View Ave On-Ramp t	2760301	0.18	3724		3724	60	50	684		684
203	2045	ALT2	EB	PM	HOV		California St Off-Ramp to Califc	2760301	0.84	3724		3724	60	50	3134		3134
204	2045	ALT2	EB	PM	HOV		California St On-Ramp to Alaba	2731614	0.18	3918		3918	60	50	689		689
205	2045	ALT2	EB	PM	HOV		Alabama St Off-Ramp to SR-21	2731614	0.39	3918		3918	60	50	1534		1534
206	2045	ALT2	EB	PM	HOV		SR-210 NB Off-Ramp to Tennes	2731614	0.18	3918		3918	60	50	692		692
207	2045	ALT2	EB	PM	HOV		Tennessee St Off-Ramp to Ten	2731614	0.64	3918		3918	60	50	2520		2520
208	2045	ALT2	EB	PM	HOV		Tennessee St On-Ramp to SR-2	2731614	0.20	3918		3918	60	50	777		777
209	2045	ALT2	EB	PM	HOV		SR-210 SB On-Ramp to Eureka	2731614	0.05	3918		3918	60	50	198		198
210	2045	ALT2	EB	PM	HOV		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	5154		5154	58	50	2220		2220
211	2045	ALT2	EB	PM	HOV		Pearl Ave On-Ramp to Universi	2760225	0.30	5154		5154	58	50	1532		1532
212	2045	ALT2	EB	PM	HOV		University St Off-Ramp to Cypr	2760225	0.80	5154		5154	58	50	4100		4100
213	2045	ALT2	EB	PM	HOV		Cypress Ave On-Ramp to Ford	2760225	0.46	5154		5154	58	50	2359		2359
214	2045	ALT2	EB	PM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2045	ALT2	EB	PM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
1	2045	ALT2	EB	NT	Mainline		LA County Line to Monte Vista	25707	0.26	38615	1369	39984	40	40	9894	351	10245
2	2045	ALT2	EB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	35752	1326	37078	47	47	24183	897	25080
3	2045	ALT2	EB	NT	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	40817	1433	42250	49	49	1191	42	1233
4	2045	ALT2	EB	NT	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	37172	1382	38554	44	44	21262	790	22052
5	2045	ALT2	EB	NT	Mainline		Central Ave On-Ramp to Moun	23488	0.21	39238	1454	40692	51	50	8161	302	8463
6	2045	ALT2	EB	NT	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	35291	1399	36690	49	49	12100	480	12580
7	2045	ALT2	EB	NT	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	38520	1519	40039	40	40	18412	726	19138
8	2045	ALT2	EB	NT	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	34796	1460	36256	49	49	22455	942	23397
9	2045	ALT2	EB	NT	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	38746	1533	40279	39	39	19834	785	20619
10	2045	ALT2	EB	NT	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	32529	1428	33957	52	50	5596	246	5842
11	2045	ALT2	EB	NT	Mainline		San Bernardino Ave/4th St On-	23534	0.33	36093	1527	37620	46	46	11876	502	12378
12	2045	ALT2	EB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	33116	1395	34511	51	50	8096	341	8437
13	2045	ALT2	EB	NT	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	40278	1565	41843	55	50	7749	301	8050
14	2045	ALT2	EB	NT	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	35354	1433	36787	53	50	11967	485	12452
15	2045	ALT2	EB	NT	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	41147	1709	42856	45	45	16052	667	16719
16	2045	ALT2	EB	NT	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	43442	1766	45208	40	40	9696	394	10090
17	2045	ALT2	EB	NT	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	38521	1684	40205	36	36	16024	701	16725
18	2045	ALT2	EB	NT	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	40739	1754	42493	46	46	12719	548	13267
19	2045	ALT2	EB	NT	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	43873	1873	45746	50	50	9832	420	10252
20	2045	ALT2	EB	NT	Mainline		Milliken Ave Off-Ramp to Milli	23622	0.53	40876	1672	42548	46	46	21677	887	22564
21	2045	ALT2	EB	NT	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	44927	1772	46699	49	49	2386	94	2480
22	2045	ALT2	EB	NT	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	38125	1544	39669	51	50	9467	383	9850
23	2045	ALT2	EB	NT	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	32928	1275	34203	50	50	10099	391	10490
24	2045	ALT2	EB	NT	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	40385	1896	42281	52	50	8750	411	9161
25	2045	ALT2	EB	NT	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	41037	1918	42955	45	45	5777	270	6047
26	2045	ALT2	EB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	39189	1764	40953	44	44	50144	2257	52401
27	2045	ALT2	EB	NT	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	41838	1929	43767	52	50	38679	1783	40462
28	2045	ALT2	EB	NT	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	36537	1781	38318	51	50	22258	1085	23343

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
29	2045	ALT2	EB	NT	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	42465	1996	44461	51	50	15137	712	15849
30	2045	ALT2	EB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	40152	1911	42063	54	50	25429	1210	26639
31	2045	ALT2	EB	NT	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	42002	1985	43987	51	50	18822	890	19712
32	2045	ALT2	EB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	38077	1912	39989	47	47	20399	1024	21423
33	2045	ALT2	EB	NT	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	39849	1987	41836	49	49	18671	931	19602
34	2045	ALT2	EB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	34961	1879	36840	47	47	22285	1198	23483
35	2045	ALT2	EB	NT	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	38757	1940	40697	51	50	11988	600	12588
36	2045	ALT2	EB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	38757	1940	40697	51	50	14363	719	15082
37	2045	ALT2	EB	NT	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	38757	1940	40697	51	50	19345	968	20313
38	2045	ALT2	EB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	33350	1773	35123	50	50	28307	1505	29812
39	2045	ALT2	EB	NT	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	35750	1853	37603	54	50	28438	1474	29912
40	2045	ALT2	EB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	31121	1673	32794	57	50	17953	965	18918
41	2045	ALT2	EB	NT	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	35120	1771	36891	55	50	7009	353	7362
42	2045	ALT2	EB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	32253	1718	33971	52	50	21278	1133	22411
43	2045	ALT2	EB	NT	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	33564	1750	35314	56	50	8746	456	9202
44	2045	ALT2	EB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	33564	1750	35314	56	50	13830	721	14551
45	2045	ALT2	EB	NT	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	34034	1762	35796	56	50	6112	316	6428
46	2045	ALT2	EB	NT	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	32055	1687	33742	52	50	16969	893	17862
47	2045	ALT2	EB	NT	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	33977	1715	35692	56	50	954	48	1002
48	2045	ALT2	EB	NT	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	32267	1662	33929	57	50	19545	1007	20552
49	2045	ALT2	EB	NT	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	33057	1691	34748	55	50	1600	82	1682
50	2045	ALT2	EB	NT	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	26170	1408	27578	56	50	24650	1326	25976
51	2045	ALT2	EB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	37403	1785	39188	51	50	4100	196	4296
52	2045	ALT2	EB	NT	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	45447	2281	47728	47	47	5885	295	6180
53	2045	ALT2	EB	NT	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	41841	2220	44061	42	42	4548	241	4789
54	2045	ALT2	EB	NT	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	39649	2081	41730	30	30	25038	1314	26352
55	2045	ALT2	EB	NT	Mainline		Waterman Ave On-Ramp to An	24356	0.28	40538	2124	42662	45	45	11453	600	12053
56	2045	ALT2	EB	NT	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	38187	2022	40209	36	36	15431	817	16248
57	2045	ALT2	EB	NT	Mainline		Anderson St On-Ramp to Mour	24003	0.21	40437	2029	42466	54	50	8413	422	8835
58	2045	ALT2	EB	NT	Mainline		Mountain View Ave Off-Ramp	23991	0.79	37455	1905	39360	48	48	29606	1506	31112
59	2045	ALT2	EB	NT	Mainline		Mountain View Ave On-Ramp t	24040	0.18	42332	1978	44310	51	50	7770	363	8133
60	2045	ALT2	EB	NT	Mainline		California St Off-Ramp to Califc	24075	0.84	40148	1847	41995	40	40	33786	1554	35340
61	2045	ALT2	EB	NT	Mainline		California St On-Ramp to Alaba	24046	0.18	43488	1880	45368	49	49	7643	330	7973
62	2045	ALT2	EB	NT	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	40799	1780	42579	54	50	15975	697	16672
63	2045	ALT2	EB	NT	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	33391	1659	35050	55	50	5898	293	6191
64	2045	ALT2	EB	NT	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	30475	1532	32007	54	50	19602	985	20587
65	2045	ALT2	EB	NT	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	33069	1550	34619	51	50	6561	308	6869
66	2045	ALT2	EB	NT	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	42567	2648	45215	41	41	2154	134	2288
67	2045	ALT2	EB	NT	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	36627	2550	39177	41	41	15778	1098	16876
68	2045	ALT2	EB	NT	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	38617	2579	41196	50	50	11478	767	12245
69	2045	ALT2	EB	NT	Mainline		University St Off-Ramp to Cypr	23724	0.80	35246	2540	37786	45	45	28038	2021	30059
70	2045	ALT2	EB	NT	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	36855	2559	39414	57	50	16872	1171	18043
71	2045	ALT2	EB	NT	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	34787	2540	37327	52	50	22615	1651	24266
72	2045	ALT2	EB	NT	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	38966	2576	41542	58	50	22988	1520	24508
73	2045	ALT2	EB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2863	43	2906	14	14	542	8	550
74	2045	ALT2	EB	NT	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2520	107	2627	13	13	326	14	340
75	2045	ALT2	EB	NT	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	3645	51	3696	6	6	474	7	481
76	2045	ALT2	EB	NT	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2957	72	3029	11	11	554	13	567
77	2045	ALT2	EB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3456	55	3511	8	8	559	9	568

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
78	2045	ALT2	EB	NT	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	3228	120	3348	9	9	377	14	391
79	2045	ALT2	EB	NT	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3724	59	3783	6	6	546	9	555
80	2045	ALT2	EB	NT	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2540	73	2613	13	13	889	26	915
81	2045	ALT2	EB	NT	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	5586	105	5691	19	19	1774	33	1807
82	2045	ALT2	EB	NT	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3564	99	3663	17	17	838	23	861
83	2045	ALT2	EB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	2976	133	3109	26	26	303	14	317
84	2045	ALT2	EB	NT	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	5939	171	6110	25	25	744	21	765
85	2045	ALT2	EB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4924	132	5056	27	27	1432	38	1470
86	2045	ALT2	EB	NT	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5764	276	6040	15	15	1314	63	1377
87	2045	ALT2	EB	NT	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	2295	57	2352	13	13	533	13	546
88	2045	ALT2	EB	NT	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	4921	82	5003	19	19	698	12	710
89	2045	ALT2	EB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1994	70	2064	14	14	243	9	252
90	2045	ALT2	EB	NT	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	3134	119	3253	8	8	877	33	910
91	2045	ALT2	EB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2997	201	3198	25	25	529	35	564
92	2045	ALT2	EB	NT	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3350	100	3450	7	7	648	19	667
93	2045	ALT2	EB	NT	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	6802	228	7030	30	30	7551	253	7804
94	2045	ALT2	EB	NT	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	5197	269	5466	18	18	2998	155	3153
95	2045	ALT2	EB	NT	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	7457	621	8078	4	4	831	69	900
96	2045	ALT2	EB	NT	Ramp	ON	I-15 SB On-Ramp	23557	1.20	651	23	674	35	35	779	28	807
97	2045	ALT2	EB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1848	154	2002	27	27	363	30	393
98	2045	ALT2	EB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	2486	165	2651	26	26	889	59	948
99	2045	ALT2	EB	NT	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	5300	148	5448	26	26	1081	30	1111
100	2045	ALT2	EB	NT	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	5297	216	5513	26	26	1632	67	1699
101	2045	ALT2	EB	NT	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	2313	85	2398	33	33	798	29	827
102	2045	ALT2	EB	NT	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1992	74	2066	29	29	588	22	610
103	2045	ALT2	EB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	3925	73	3998	30	30	525	10	535
104	2045	ALT2	EB	NT	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2307	75	2382	18	18	619	20	639
105	2045	ALT2	EB	NT	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	4888	108	4996	22	22	573	13	586
106	2045	ALT2	EB	NT	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3382	61	3443	8	8	99	2	101
107	2045	ALT2	EB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2470	66	2536	17	17	884	24	908
108	2045	ALT2	EB	NT	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1724	34	1758	16	16	592	12	604
109	2045	ALT2	EB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	4953	135	5088	21	21	906	25	931
110	2045	ALT2	EB	NT	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2050	80	2130	19	19	843	33	876
111	2045	ALT2	EB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	4629	180	4809	28	28	581	23	604
112	2045	ALT2	EB	NT	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	4087	99	4186	16	16	1233	30	1263
113	2045	ALT2	EB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2867	53	2920	14	14	876	16	892
114	2045	ALT2	EB	NT	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1423	32	1455	17	17	521	12	533
115	2045	ALT2	EB	NT	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2045	ALT2	EB	NT	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	533	12	545	19	19	170	4	174
117	2045	ALT2	EB	NT	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1979	75	2054	20	20	491	19	510
118	2045	ALT2	EB	NT	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1921	28	1949	19	19	543	8	551
119	2045	ALT2	EB	NT	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1709	53	1762	22	22	718	22	740
120	2045	ALT2	EB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1973	29	2002	19	19	512	8	520
121	2045	ALT2	EB	NT	Ramp	OFF	I-215 Off-Ramp	24444	0.24	6887	283	7170	33	33	1620	67	1687
122	2045	ALT2	EB	NT	Ramp	ON	I-215 NB On-Ramp	24630	0.87	11233	377	11610	22	22	9762	328	10090
123	2045	ALT2	EB	NT	Ramp	ON	I-215 SB On-Ramp	24516	0.76	8044	496	8540	28	28	6098	376	6474
124	2045	ALT2	EB	NT	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3605	61	3666	4	4	328	6	334
125	2045	ALT2	EB	NT	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	2192	139	2331	15	15	545	35	580
126	2045	ALT2	EB	NT	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2344	43	2387	13	13	326	6	332

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
127	2045	ALT2	EB	NT	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2879	103	2982	10	10	725	26	751
128	2045	ALT2	EB	NT	Ramp	ON	Anderson St On-Ramp	2668189	0.10	2250	7	2257	13	13	231	1	232
129	2045	ALT2	EB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2983	123	3106	17	17	876	36	912
130	2045	ALT2	EB	NT	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	4911	73	4984	27	27	1120	17	1137
131	2045	ALT2	EB	NT	Ramp	OFF	California St Off-Ramp	94801	0.46	2184	131	2315	24	24	994	60	1054
132	2045	ALT2	EB	NT	Ramp	ON	California St On-Ramp	95942	0.39	3408	33	3441	24	24	1320	13	1333
133	2045	ALT2	EB	NT	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2689	100	2789	20	20	1166	43	1209
134	2045	ALT2	EB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	7410	120	7530	28	28	6130	99	6229
135	2045	ALT2	EB	NT	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2915	127	3042	18	18	1000	44	1044
136	2045	ALT2	EB	NT	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2595	17	2612	13	13	275	2	277
137	2045	ALT2	EB	NT	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	9498	1098	10596	23	23	10080	1165	11245
138	2045	ALT2	EB	NT	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	3843	98	3941	4	4	342	9	351
139	2045	ALT2	EB	NT	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1990	29	2019	15	15	590	9	599
140	2045	ALT2	EB	NT	Ramp	OFF	University St Off-Ramp	94695	0.28	3371	39	3410	9	9	942	11	953
141	2045	ALT2	EB	NT	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	1615	19	1634	28	28	489	6	495
142	2045	ALT2	EB	NT	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3340	18	3358	15	15	918	5	923
143	2045	ALT2	EB	NT	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	4180	35	4215	28	28	1574	13	1587
144	2045	ALT2	EB	NT	HOV		LA County Line to Monte Vista	2664669	0.26	8811		8811	27	27	2258		2258
145	2045	ALT2	EB	NT	HOV		Monte Vista Ave Off-Ramp to M	2664669	0.68	8811		8811	27	27	5960		5960
146	2045	ALT2	EB	NT	HOV		Monte Vista Ave/Palo Verde St	2664669	0.03	8811		8811	27	27	257		257
147	2045	ALT2	EB	NT	HOV		Central Ave Off-Ramp to Centr	2664669	0.57	8811		8811	27	27	5040		5040
148	2045	ALT2	EB	NT	HOV		Central Ave On-Ramp to Moun	2664669	0.21	8811		8811	27	27	1833		1833
149	2045	ALT2	EB	NT	HOV		Mountain Ave Off-Ramp to Mc	2664669	0.34	8811		8811	27	27	3021		3021
150	2045	ALT2	EB	NT	HOV		Mountain Ave On-Ramp to Euc	2779098	0.48	7647		7647	35	35	3655		3655
151	2045	ALT2	EB	NT	HOV		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	7647		7647	35	35	4935		4935
152	2045	ALT2	EB	NT	HOV		Euclid Ave On-Ramp to San Be	2779098	0.51	7647		7647	35	35	3915		3915
153	2045	ALT2	EB	NT	HOV		San Bernardino Ave/4th St Off-	2665612	0.17	6868		6868	47	47	1182		1182
154	2045	ALT2	EB	NT	HOV		San Bernardino Ave/4th St On-	2665612	0.33	6868		6868	47	47	2260		2260
155	2045	ALT2	EB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2665612	0.24	6868		6868	47	47	1679		1679
156	2045	ALT2	EB	NT	HOV		Vineyard Ave On-Ramp to Arch	2665612	0.19	6868		6868	47	47	1321		1321
157	2045	ALT2	EB	NT	HOV		Archibald Ave Off-Ramp to Hol	2665612	0.34	6868		6868	47	47	2325		2325
158	2045	ALT2	EB	NT	HOV		Holt Blvd On-Ramp to Archibal	2665612	0.39	6868		6868	47	47	2679		2679
159	2045	ALT2	EB	NT	HOV		Archibald Ave On-Ramp to Hav	2665612	0.22	6868		6868	47	47	1533		1533
160	2045	ALT2	EB	NT	HOV		Haven Ave Off-Ramp to Haven	2665612	0.42	6868		6868	47	47	2857		2857
161	2045	ALT2	EB	NT	HOV		Haven Ave Loop On-Ramp to H	2778934	0.31	5393		5393	44	44	1684		1684
162	2045	ALT2	EB	NT	HOV		Haven Ave On-Ramp to Millike	2778934	0.22	5393		5393	44	44	1209		1209
163	2045	ALT2	EB	NT	HOV		Milliken Ave Off-Ramp to Millil	2778934	0.53	5393		5393	44	44	2860		2860
164	2045	ALT2	EB	NT	HOV		Milliken Ave Loop On-Ramp to	2778934	0.05	5393		5393	44	44	286		286
165	2045	ALT2	EB	NT	HOV		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	5393		5393	44	44	1339		1339
166	2045	ALT2	EB	NT	HOV		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	5393		5393	44	44	1654		1654
167	2045	ALT2	EB	NT	HOV		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	5393		5393	44	44	1168		1168
168	2045	ALT2	EB	NT	HOV		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	5393		5393	44	44	759		759
169	2045	ALT2	EB	NT	HOV		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	5393		5393	44	44	6901		6901
170	2045	ALT2	EB	NT	HOV		Etiwanda Ave On-Ramp to Che	2778934	0.92	5393		5393	44	44	4986		4986
171	2045	ALT2	EB	NT	HOV		Cherry Ave Off-Ramp to Cherry	2760156	0.61	3899		3899	51	50	2375		2375
172	2045	ALT2	EB	NT	HOV		Cherry Ave On-Ramp to Beach	2760156	0.36	3899		3899	51	50	1390		1390
173	2045	ALT2	EB	NT	HOV		Beach Ave Off-Ramp to Beach	2760156	0.63	3899		3899	51	50	2469		2469
174	2045	ALT2	EB	NT	HOV		BeachAve On-Ramp to Citrus A	2760156	0.45	3899		3899	51	50	1747		1747
175	2045	ALT2	EB	NT	HOV		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	3899		3899	51	50	2089		2089

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
176	2045	ALT2	EB	NT	HOV		Citrus Ave On-Ramp to Sierra A	2760156	0.47	3899		3899	51	50	1827		1827
177	2045	ALT2	EB	NT	HOV		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	3899		3899	51	50	2485		2485
178	2045	ALT2	EB	NT	HOV		Sierra Ave On-Ramp to Alder A	2760156	0.31	3899		3899	51	50	1206		1206
179	2045	ALT2	EB	NT	HOV		Alder Ave Off-Ramp to Alder A	2779122	0.37	3899		3899	51	50	1445		1445
180	2045	ALT2	EB	NT	HOV		Alder Ave On-Ramp to Cedar A	2779122	0.50	3899		3899	51	50	1946		1946
181	2045	ALT2	EB	NT	HOV		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	3870		3870	38	38	3285		3285
182	2045	ALT2	EB	NT	HOV		Cedar Ave On-Ramp to Riversic	2779122	0.80	3870		3870	38	38	3078		3078
183	2045	ALT2	EB	NT	HOV		Riverside Ave Off-Ramp to Rive	2779122	0.58	3870		3870	38	38	2233		2233
184	2045	ALT2	EB	NT	HOV		Riverside Ave On-Ramp to Pep	2779122	0.20	3870		3870	38	38	772		772
185	2045	ALT2	EB	NT	HOV		Pepper Ave Off-Ramp to Peppe	2779122	0.66	3870		3870	38	38	2553		2553
186	2045	ALT2	EB	NT	HOV		Pepper Ave On-Ramp to Ranch	2779122	0.26	3870		3870	38	38	1008		1008
187	2045	ALT2	EB	NT	HOV		Rancho Ave Off-Ramp to Ranch	2779122	0.41	3870		3870	38	38	1595		1595
188	2045	ALT2	EB	NT	HOV		Rancho Ave On-Ramp to La Ca	2779122	0.18	3870		3870	38	38	695		695
189	2045	ALT2	EB	NT	HOV		La Cadena Dr/9th St Off-Ramp	2779122	0.53	3870		3870	38	38	2049		2049
190	2045	ALT2	EB	NT	HOV		La Cadena Dr/9th St On-Ramp	2779122	0.03	3870		3870	38	38	109		109
191	2045	ALT2	EB	NT	HOV		Mt Vernon Ave Off-Ramp to M	2779128	0.61	3784		3784	52	50	2292		2292
192	2045	ALT2	EB	NT	HOV		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	3784		3784	52	50	183		183
193	2045	ALT2	EB	NT	HOV		I-215 Off-Ramp to I-215 NB On	2779128	0.94	3784		3784	52	50	3564		3564
194	2045	ALT2	EB	NT	HOV		I-215 NB On-Ramp to I-215 SB	2779128	0.11	3784		3784	52	50	415		415
195	2045	ALT2	EB	NT	HOV		I-215 SB On-Ramp to Redlands	2779128	0.13	3784		3784	52	50	490		490
196	2045	ALT2	EB	NT	HOV		Redlands Blvd Off-Ramp to Wa	2779128	0.11	3784		3784	52	50	411		411
197	2045	ALT2	EB	NT	HOV		Waterman Ave Off-Ramp to W	2779128	0.63	3784		3784	52	50	2390		2390
198	2045	ALT2	EB	NT	HOV		Waterman Ave On-Ramp to An	2779128	0.28	3784		3784	52	50	1069		1069
199	2045	ALT2	EB	NT	HOV		Anderson St Off-Ramp to Ande	2760301	0.40	5895		5895	42	42	2382		2382
200	2045	ALT2	EB	NT	HOV		Anderson St On-Ramp to Mour	2760301	0.21	5895		5895	42	42	1227		1227
201	2045	ALT2	EB	NT	HOV		Mountain View Ave Off-Ramp t	2760301	0.79	5895		5895	42	42	4660		4660
202	2045	ALT2	EB	NT	HOV		Mountain View Ave On-Ramp t	2760301	0.18	5895		5895	42	42	1082		1082
203	2045	ALT2	EB	NT	HOV		California St Off-Ramp to Califc	2760301	0.84	5895		5895	42	42	4961		4961
204	2045	ALT2	EB	NT	HOV		California St On-Ramp to Alaba	2731614	0.18	5996		5996	41	41	1054		1054
205	2045	ALT2	EB	NT	HOV		Alabama St Off-Ramp to SR-21	2731614	0.39	5996		5996	41	41	2348		2348
206	2045	ALT2	EB	NT	HOV		SR-210 NB Off-Ramp to Tennes	2731614	0.18	5996		5996	41	41	1059		1059
207	2045	ALT2	EB	NT	HOV		Tennessee St Off-Ramp to Ten	2731614	0.64	5996		5996	41	41	3857		3857
208	2045	ALT2	EB	NT	HOV		Tennessee St On-Ramp to SR-2	2731614	0.20	5996		5996	41	41	1190		1190
209	2045	ALT2	EB	NT	HOV		SR-210 SB On-Ramp to Eureka	2731614	0.05	5996		5996	41	41	303		303
210	2045	ALT2	EB	NT	HOV		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	8094		8094	29	29	3487		3487
211	2045	ALT2	EB	NT	HOV		Pearl Ave On-Ramp to Universi	2760225	0.30	8094		8094	29	29	2406		2406
212	2045	ALT2	EB	NT	HOV		University St Off-Ramp to Cypr	2760225	0.80	8094		8094	29	29	6439		6439
213	2045	ALT2	EB	NT	HOV		Cypress Ave On-Ramp to Ford	2760225	0.46	8094		8094	29	29	3705		3705
214	2045	ALT2	EB	NT	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2045	ALT2	EB	NT	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
216	2045	ALT2	WB	AM	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	27721	1588	29309	53	50	11148	639	11787
217	2045	ALT2	WB	AM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	25495	1566	27061	51	50	19918	1223	21141
218	2045	ALT2	WB	AM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	27770	1589	29359	54	50	13838	792	14630
219	2045	ALT2	WB	AM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	27100	1582	28682	42	42	20300	1185	21485
220	2045	ALT2	WB	AM	Mainline		University St On-Ramp to 6th S	23726	0.38	29299	1610	30909	50	50	11117	611	11728
221	2045	ALT2	WB	AM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	27730	1588	29318	42	42	9973	571	10544
222	2045	ALT2	WB	AM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	29921	1626	31547	49	49	11208	609	11817
223	2045	ALT2	WB	AM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	31408	1660	33068	45	45	5416	286	5702
224	2045	ALT2	WB	AM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	24487	786	25273	52	50	6526	209	6735

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
225	2045	ALT2	WB	AM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	23705	782	24487	53	50	4136	136	4272
226	2045	ALT2	WB	AM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	22521	770	23291	59	50	17631	603	18234
227	2045	ALT2	WB	AM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	26588	809	27397	59	50	6941	211	7152
228	2045	ALT2	WB	AM	Mainline		Alabama St On-Ramp to Califo	24057	0.12	30827	938	31765	59	50	3750	114	3864
229	2045	ALT2	WB	AM	Mainline		California St Off-Ramp to Calif	24044	0.86	28349	906	29255	50	50	24436	781	25217
230	2045	ALT2	WB	AM	Mainline		California St On-Ramp to Mour	24077	0.19	30223	992	31215	55	50	5816	191	6007
231	2045	ALT2	WB	AM	Mainline		Mountain View Ave Off-Ramp	24041	0.22	27475	963	28438	52	50	6113	214	6327
232	2045	ALT2	WB	AM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	28594	1061	29655	57	50	5911	219	6130
233	2045	ALT2	WB	AM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	26645	1054	27699	45	45	20185	798	20983
234	2045	ALT2	WB	AM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	27923	1089	29012	52	50	3114	121	3235
235	2045	ALT2	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	25885	1053	26938	47	47	12317	501	12818
236	2045	ALT2	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	29351	1127	30478	49	49	8271	318	8589
237	2045	ALT2	WB	AM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	17374	815	18189	58	50	12206	573	12779
238	2045	ALT2	WB	AM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	18447	852	19299	57	50	3860	178	4038
239	2045	ALT2	WB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	18897	861	19758	57	50	3457	158	3615
240	2045	ALT2	WB	AM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	23587	983	24570	57	50	4369	182	4551
241	2045	ALT2	WB	AM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	21636	969	22605	56	50	15716	704	16420
242	2045	ALT2	WB	AM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	22734	1010	23744	59	50	1053	47	1100
243	2045	ALT2	WB	AM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	21676	987	22663	56	50	13428	611	14039
244	2045	ALT2	WB	AM	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	22502	1014	23516	59	50	1982	89	2071
245	2045	ALT2	WB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	21662	1003	22665	56	50	12654	586	13240
246	2045	ALT2	WB	AM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	23012	1032	24044	58	50	9588	430	10018
247	2045	ALT2	WB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	21592	1003	22595	56	50	12840	596	13436
248	2045	ALT2	WB	AM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	24398	1024	25422	57	50	4154	174	4328
249	2045	ALT2	WB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	22008	973	22981	59	50	12989	574	13563
250	2045	ALT2	WB	AM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	24967	1072	26039	57	50	21288	914	22202
251	2045	ALT2	WB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	23199	998	24197	54	50	16855	725	17580
252	2045	ALT2	WB	AM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	26094	1058	27152	56	50	13671	554	14225
253	2045	ALT2	WB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	26094	1058	27152	56	50	9790	397	10187
254	2045	ALT2	WB	AM	Mainline		Alder Ave On-Ramp to Alder A	2661436	0.36	26094	1058	27152	56	50	9438	383	9821
255	2045	ALT2	WB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	23465	1028	24493	53	50	16189	709	16898
256	2045	ALT2	WB	AM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	26286	1059	27345	56	50	10243	413	10656
257	2045	ALT2	WB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	24821	1016	25837	51	50	13379	548	13927
258	2045	ALT2	WB	AM	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	28720	1094	29814	57	50	12011	458	12469
259	2045	ALT2	WB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	27676	1060	28736	58	50	17452	668	18120
260	2045	ALT2	WB	AM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	29948	1116	31064	55	50	11812	440	12252
261	2045	ALT2	WB	AM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	26172	1005	27177	54	50	14406	553	14959
262	2045	ALT2	WB	AM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	29259	1103	30362	56	50	37099	1399	38498
263	2045	ALT2	WB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	27589	1021	28610	51	50	18735	693	19428
264	2045	ALT2	WB	AM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	28145	1095	29240	40	40	7326	285	7611
265	2045	ALT2	WB	AM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	28974	1134	30108	50	50	3856	151	4007
266	2045	ALT2	WB	AM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	23515	954	24469	52	50	13340	541	13881
267	2045	ALT2	WB	AM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	30802	1132	31934	46	46	4096	151	4247
268	2045	ALT2	WB	AM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	34068	1253	35321	58	50	704	26	730
269	2045	ALT2	WB	AM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	30622	1143	31765	46	46	17772	663	18435
270	2045	ALT2	WB	AM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	29772	1242	31014	48	48	7432	310	7742
271	2045	ALT2	WB	AM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	26368	1137	27505	45	45	10844	468	11312
272	2045	ALT2	WB	AM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	26829	1175	28004	44	44	7746	339	8085
273	2045	ALT2	WB	AM	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	27551	1215	28766	52	50	7531	332	7863

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
274	2045	ALT2	WB	AM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	26001	1178	27179	54	50	8437	382	8819
275	2045	ALT2	WB	AM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	23477	1010	24487	57	50	14688	632	15320
276	2045	ALT2	WB	AM	Mainline		Archibald Ave On-Ramp to Vin	23575	0.15	25314	1102	26416	60	50	3873	169	4042
277	2045	ALT2	WB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	23039	1053	24092	58	50	8330	381	8711
278	2045	ALT2	WB	AM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	21925	1126	23051	59	50	4172	214	4386
279	2045	ALT2	WB	AM	Mainline		Vineyard Ave On-Ramp to 4th	23538	0.36	22704	1143	23847	54	50	8262	416	8678
280	2045	ALT2	WB	AM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	22060	1075	23135	55	50	8571	418	8989
281	2045	ALT2	WB	AM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	25656	1155	26811	49	49	6646	299	6945
282	2045	ALT2	WB	AM	Mainline		7th St Off-Ramp to Euclid Ave	23447	0.40	24014	1105	25119	52	50	9567	440	10007
283	2045	ALT2	WB	AM	Mainline		Euclid Ave Loop On-Ramp to E	1658013	0.36	25314	1129	26443	50	50	9090	405	9495
284	2045	ALT2	WB	AM	Mainline		Euclid Ave On-Ramp to Mount	23434	0.42	27385	1160	28545	45	45	11582	491	12073
285	2045	ALT2	WB	AM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	25075	1024	26099	51	50	8185	334	8519
286	2045	ALT2	WB	AM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	25924	1055	26979	49	49	7114	289	7403
287	2045	ALT2	WB	AM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	23669	987	24656	53	50	12461	520	12981
288	2045	ALT2	WB	AM	Mainline		Central Ave On-Ramp to Mont	23492	0.05	27697	1031	28728	54	50	1398	52	1450
289	2045	ALT2	WB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	26299	972	27271	48	48	14727	544	15271
290	2045	ALT2	WB	AM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	2226	22	2248	32	32	1197	12	1209
291	2045	ALT2	WB	AM	Ramp	ON	Ford St On-Ramp	94684	0.23	2444	23	2467	25	25	552	5	557
292	2045	ALT2	WB	AM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	670	7	677	32	32	186	2	188
293	2045	ALT2	WB	AM	Ramp	ON	University St On-Ramp	94674	0.21	2442	28	2470	9	9	516	6	522
294	2045	ALT2	WB	AM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1570	21	1591	20	20	416	6	422
295	2045	ALT2	WB	AM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	1988	38	2026	13	13	383	7	390
296	2045	ALT2	WB	AM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1488	34	1522	15	15	233	5	238
297	2045	ALT2	WB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	6921	874	7795	24	24	5983	756	6739
298	2045	ALT2	WB	AM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	782	4	786	26	26	53		53
299	2045	ALT2	WB	AM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	1185	11	1196	29	29	428	4	432
300	2045	ALT2	WB	AM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4068	38	4106	29	29	4058	38	4096
301	2045	ALT2	WB	AM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	4239	129	4368	17	17	506	15	521
302	2045	ALT2	WB	AM	Ramp	OFF	California St Off-Ramp	94793	0.13	2478	32	2510	15	15	320	4	324
303	2045	ALT2	WB	AM	Ramp	ON	California St On-Ramp	2676730	0.11	1228	86	1314	28	28	141	10	151
304	2045	ALT2	WB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2748	29	2777	10	10	320	3	323
305	2045	ALT2	WB	AM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2484	98	2582	24	24	339	13	352
306	2045	ALT2	WB	AM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1949	7	1956	13	13	423	2	425
307	2045	ALT2	WB	AM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	1508	35	1543	14	14	186	4	190
308	2045	ALT2	WB	AM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	2038	36	2074	12	12	497	9	506
309	2045	ALT2	WB	AM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	1148	74	1222	16	16	151	10	161
310	2045	ALT2	WB	AM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	11977	312	12289	19	19	2102	55	2157
311	2045	ALT2	WB	AM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1072	37	1109	16	16	354	12	366
312	2045	ALT2	WB	AM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	451	8	459	24	24	240	4	244
313	2045	ALT2	WB	AM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4690	122	4812	31	31	2010	52	2062
314	2045	ALT2	WB	AM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1951	14	1965	16	16	471	3	474
315	2045	ALT2	WB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1675	41	1716	19	19	440	11	451
316	2045	ALT2	WB	AM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1057	24	1081	24	24	226	5	231
317	2045	ALT2	WB	AM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	826	27	853	18	18	259	8	267
318	2045	ALT2	WB	AM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	841	11	852	25	25	225	3	228
319	2045	ALT2	WB	AM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1585	29	1614	19	19	505	9	514
320	2045	ALT2	WB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1420	29	1449	21	21	255	5	260
321	2045	ALT2	WB	AM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1518	21	1539	15	15	515	7	522
322	2045	ALT2	WB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2390	51	2441	10	10	255	5	260

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
323	2045	ALT2	WB	AM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	3002	98	3100	28	28	937	31	968
324	2045	ALT2	WB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1768	74	1842	27	27	231	10	241
325	2045	ALT2	WB	AM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3121	60	3181	16	16	1284	25	1309
326	2045	ALT2	WB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	1216	24	1240	23	23	420	8	428
327	2045	ALT2	WB	AM	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1887	30	1917	13	13	684	11	695
328	2045	ALT2	WB	AM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2156	36	2192	27	27	250	4	254
329	2045	ALT2	WB	AM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1976	31	2007	18	18	484	8	492
330	2045	ALT2	WB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1465	43	1508	28	28	158	5	163
331	2045	ALT2	WB	AM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3577	78	3655	27	27	1069	23	1092
332	2045	ALT2	WB	AM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1045	34	1079	34	34	306	10	316
333	2045	ALT2	WB	AM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2123	56	2179	29	29	733	19	752
334	2045	ALT2	WB	AM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3776	111	3887	27	27	489	14	503
335	2045	ALT2	WB	AM	Ramp	ON	Cherry On-Ramp	95966	0.28	3974	98	4072	26	26	1112	27	1139
336	2045	ALT2	WB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1670	82	1752	24	24	846	42	888
337	2045	ALT2	WB	AM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	982	74	1056	31	31	189	14	203
338	2045	ALT2	WB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	829	39	868	29	29	303	14	317
339	2045	ALT2	WB	AM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	5459	180	5639	42	42	1538	51	1589
340	2045	ALT2	WB	AM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	7287	178	7465	26	26	4585	112	4697
341	2045	ALT2	WB	AM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	3266	120	3386	22	22	3274	120	3394
342	2045	ALT2	WB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	3445	110	3555	20	20	693	22	715
343	2045	ALT2	WB	AM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	893	100	993	17	17	158	18	176
344	2045	ALT2	WB	AM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	3403	106	3509	20	20	596	19	615
345	2045	ALT2	WB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	576	38	614	18	18	55	4	59
346	2045	ALT2	WB	AM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	722	40	762	18	18	140	8	148
347	2045	ALT2	WB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1551	36	1587	17	17	281	7	288
348	2045	ALT2	WB	AM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4643	168	4811	22	22	2676	97	2773
349	2045	ALT2	WB	AM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	1837	92	1929	26	26	336	17	353
350	2045	ALT2	WB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2275	49	2324	32	32	732	16	748
351	2045	ALT2	WB	AM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	566	72	638	18	18	90	11	101
352	2045	ALT2	WB	AM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	779	17	796	19	19	159	3	162
353	2045	ALT2	WB	AM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	2193	68	2261	26	26	555	17	572
354	2045	ALT2	WB	AM	Ramp	ON	4th St On-Ramp	2731498	0.26	3597	80	3677	14	14	926	21	947
355	2045	ALT2	WB	AM	Ramp	OFF	7th St Off-Ramp	94628	0.20	1642	50	1692	19	19	333	10	343
356	2045	ALT2	WB	AM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1789	24	1813	14	14	426	6	432
357	2045	ALT2	WB	AM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2070	32	2102	12	12	782	12	794
358	2045	ALT2	WB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2310	136	2446	10	10	321	19	340
359	2045	ALT2	WB	AM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2451	30	2481	9	9	498	6	504
360	2045	ALT2	WB	AM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2255	68	2323	12	12	301	9	310
361	2045	ALT2	WB	AM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2305	44	2349	10	10	279	5	284
362	2045	ALT2	WB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1398	59	1457	21	21	316	13	329
363	2045	ALT2	WB	AM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1812	24	1836	14	14	598	8	606
364	2045	ALT2	WB	AM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2045	ALT2	WB	AM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2045	ALT2	WB	AM	HOV		Ford St On-Ramp to Cypress Av	2731628	0.50	3739		3739	46	46	1863		1863
367	2045	ALT2	WB	AM	HOV		Cypress Ave Off-Ramp to Unive	2731628	0.75	3739		3739	46	46	2801		2801
368	2045	ALT2	WB	AM	HOV		University St On-Ramp to 6th S	2731628	0.38	3739		3739	46	46	1419		1419
369	2045	ALT2	WB	AM	HOV		6th St Off-Ramp to Orange St L	2731628	0.36	3739		3739	46	46	1345		1345
370	2045	ALT2	WB	AM	HOV		Orange St Loop On-Ramp to Or	2731626	0.37	3780		3780	46	46	1416		1416
371	2045	ALT2	WB	AM	HOV		Orange St On-Ramp to SR-210	2731626	0.17	3780		3780	46	46	652		652

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
372	2045	ALT2	WB	AM	HOV		SR-210 Off-Ramp to Tennessee	2731626	0.27	3780		3780	46	46	1007		1007
373	2045	ALT2	WB	AM	HOV		Tennessee St Off-Ramp to Alab	2731626	0.17	3780		3780	46	46	660		660
374	2045	ALT2	WB	AM	HOV		Alabama St Off-Ramp to SR-21	2731626	0.78	3780		3780	46	46	2959		2959
375	2045	ALT2	WB	AM	HOV		SR-210 SB On-Ramp to Alabam	2731626	0.26	3780		3780	46	46	987		987
376	2045	ALT2	WB	AM	HOV		Alabama St On-Ramp to Califo	2731626	0.12	3780		3780	46	46	460		460
377	2045	ALT2	WB	AM	HOV		California St Off-Ramp to Califo	2731613	0.86	3780		3780	46	46	3258		3258
378	2045	ALT2	WB	AM	HOV		California St On-Ramp to Mour	2731613	0.19	3780		3780	46	46	727		727
379	2045	ALT2	WB	AM	HOV		Mountain View Ave Off-Ramp	2779137	0.22	4499		4499	41	41	1001		1001
380	2045	ALT2	WB	AM	HOV		Mountain View Ave On-Ramp t	2779137	0.21	4499		4499	41	41	930		930
381	2045	ALT2	WB	AM	HOV		Tippecanoe Ave Off-Ramp to T	2779137	0.76	4499		4499	41	41	3408		3408
382	2045	ALT2	WB	AM	HOV		Tippecanoe Ave On-Ramp to H	2779137	0.11	4499		4499	41	41	502		502
383	2045	ALT2	WB	AM	HOV		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	4499		4499	41	41	2141		2141
384	2045	ALT2	WB	AM	HOV		Hospitality Ln/ Carnegie Dr On	2779137	0.28	4499		4499	41	41	1268		1268
385	2045	ALT2	WB	AM	HOV		I-215 NB Off-Ramp to Sunwest	2779137	0.70	4499		4499	41	41	3161		3161
386	2045	ALT2	WB	AM	HOV		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	4499		4499	41	41	941		941
387	2045	ALT2	WB	AM	HOV		I-215 NB On-Ramp to I-215 SB	2779137	0.18	4499		4499	41	41	823		823
388	2045	ALT2	WB	AM	HOV		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	4499		4499	41	41	833		833
389	2045	ALT2	WB	AM	HOV		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	4499		4499	41	41	3268		3268
390	2045	ALT2	WB	AM	HOV		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	2988		2988	51	50	138		138
391	2045	ALT2	WB	AM	HOV		9th St Off-Ramp to La Cadena I	2779131	0.62	2988		2988	51	50	1851		1851
392	2045	ALT2	WB	AM	HOV		La Cadena Dr On-Ramp to Ran	2779131	0.09	2988		2988	51	50	263		263
393	2045	ALT2	WB	AM	HOV		Rancho Ave Off-Ramp to Ranch	2779131	0.58	2988		2988	51	50	1745		1745
394	2045	ALT2	WB	AM	HOV		Rancho Ave On-Ramp to Peppe	2779131	0.42	2988		2988	51	50	1245		1245
395	2045	ALT2	WB	AM	HOV		Pepper Ave Off-Ramp to Peppe	2779131	0.59	2988		2988	51	50	1777		1777
396	2045	ALT2	WB	AM	HOV		Pepper Ave On-Ramp to Rivers	2779131	0.17	2988		2988	51	50	509		509
397	2045	ALT2	WB	AM	HOV		Riverside Ave Off-Ramp to Rive	2779131	0.59	2988		2988	51	50	1763		1763
398	2045	ALT2	WB	AM	HOV		Riverside Ave On-Ramp to Ced	2779131	0.85	2988		2988	51	50	2548		2548
399	2045	ALT2	WB	AM	HOV		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	2988		2988	51	50	2171		2171
400	2045	ALT2	WB	AM	HOV		Cedar Ave On-Ramp to Alder A	2779131	0.52	2988		2988	51	50	1565		1565
401	2045	ALT2	WB	AM	HOV		Alder Ave Off-Ramp to Alder A	2731555	0.38	2988		2988	51	50	1121		1121
402	2045	ALT2	WB	AM	HOV		Alder Ave On-Ramp to Alder Av	2731555	0.36	2988		2988	51	50	1081		1081
403	2045	ALT2	WB	AM	HOV		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	3347		3347	49	49	2309		2309
404	2045	ALT2	WB	AM	HOV		Sierra Ave On-Ramp to Citrus A	2731555	0.39	3347		3347	49	49	1304		1304
405	2045	ALT2	WB	AM	HOV		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	3347		3347	49	49	1804		1804
406	2045	ALT2	WB	AM	HOV		Citrus Ave On-Ramp to Beach C	2731555	0.42	3347		3347	49	49	1400		1400
407	2045	ALT2	WB	AM	HOV		Beach Ave Off-Ramp to Beach	2731555	0.63	3347		3347	49	49	2111		2111
408	2045	ALT2	WB	AM	HOV		Beach Ave On-Ramp to Cherry	2731555	0.39	3347		3347	49	49	1320		1320
409	2045	ALT2	WB	AM	HOV		Cherry Off-Ramp to Cherry On	2731555	0.55	3347		3347	49	49	1842		1842
410	2045	ALT2	WB	AM	HOV		Cherry On-Ramp to Etiwanda A	2779119	1.27	2917		2917	51	50	3699		3699
411	2045	ALT2	WB	AM	HOV		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	2917		2917	51	50	1981		1981
412	2045	ALT2	WB	AM	HOV		Etiwanda Ave Loop On-Ramp t	2779119	0.26	2917		2917	51	50	759		759
413	2045	ALT2	WB	AM	HOV		Etiwanda Ave On-Ramp to I-15	2779119	0.13	2917		2917	51	50	388		388
414	2045	ALT2	WB	AM	HOV		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	2917		2917	51	50	1655		1655
415	2045	ALT2	WB	AM	HOV		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	2917		2917	51	50	388		388
416	2045	ALT2	WB	AM	HOV		I-15 NB On-Ramp to Milliken A	2779119	0.02	2917		2917	51	50	60		60
417	2045	ALT2	WB	AM	HOV		Milliken Ave Off-Ramp to Millik	2779119	0.58	2917		2917	51	50	1693		1693
418	2045	ALT2	WB	AM	HOV		Milliken Ave On-Ramp to Have	2779119	0.25	2917		2917	51	50	728		728
419	2045	ALT2	WB	AM	HOV		Haven Ave Off-Ramp to Haven	2779119	0.41	2917		2917	51	50	1200		1200
420	2045	ALT2	WB	AM	HOV		Haven Ave Loop On-Ramp to H	2779113	0.29	5203		5203	46	46	1502		1502

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
421	2045	ALT2	WB	AM	HOV		Haven Ave On-Ramp to Archib	2779113	0.27	5203		5203	46	46	1422		1422
422	2045	ALT2	WB	AM	HOV		Archibald Ave Off-Ramp to Hol	2779113	0.32	5203		5203	46	46	1688		1688
423	2045	ALT2	WB	AM	HOV		Holt Blvd Off-Ramp to Archibal	2779113	0.63	5203		5203	46	46	3255		3255
424	2045	ALT2	WB	AM	HOV		Archibald Ave On-Ramp to Vin	2779113	0.15	5203		5203	46	46	796		796
425	2045	ALT2	WB	AM	HOV		Vineyard Ave Off-Ramp to Vine	2779113	0.36	5203		5203	46	46	1881		1881
426	2045	ALT2	WB	AM	HOV		Vineyard Ave Loop On-Ramp t	2779113	0.19	5203		5203	46	46	990		990
427	2045	ALT2	WB	AM	HOV		Vineyard Ave On-Ramp to 4th	2779113	0.36	5203		5203	46	46	1893		1893
428	2045	ALT2	WB	AM	HOV		4th St Off-Ramp to 4th St On-R	2779113	0.39	5203		5203	46	46	2021		2021
429	2045	ALT2	WB	AM	HOV		4th St On-Ramp to 7th St Off-R	2779113	0.26	5203		5203	46	46	1348		1348
430	2045	ALT2	WB	AM	HOV		7th St Off-Ramp to Euclid Ave	2779107	0.40	3214		3214	52	50	1280		1280
431	2045	ALT2	WB	AM	HOV		Euclid Ave Loop On-Ramp to E	2779107	0.36	3214		3214	52	50	1154		1154
432	2045	ALT2	WB	AM	HOV		Euclid Ave On-Ramp to Mount	2779107	0.42	3214		3214	52	50	1359		1359
433	2045	ALT2	WB	AM	HOV		Mountain Ave Off-Ramp to Mc	2760177	0.33	5304		5304	38	38	1731		1731
434	2045	ALT2	WB	AM	HOV		Mountain Ave On-Ramp to Cer	2760177	0.27	5304		5304	38	38	1455		1455
435	2045	ALT2	WB	AM	HOV		Central Ave Off-Ramp to Centr	2760177	0.53	5304		5304	38	38	2792		2792
436	2045	ALT2	WB	AM	HOV		Central Ave On-Ramp to Mont	2760177	0.05	5304		5304	38	38	268		268
437	2045	ALT2	WB	AM	HOV		Monte Vista Ave Off-Ramp to M	2760177	0.56	5304		5304	38	38	2970		2970
216	2045	ALT2	WB	MD	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	29297	4292	33589	62	50	11782	1726	13508
217	2045	ALT2	WB	MD	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	27288	4258	31546	61	50	21318	3327	24645
218	2045	ALT2	WB	MD	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	30080	4331	34411	62	50	14990	2158	17148
219	2045	ALT2	WB	MD	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	29069	4309	33378	59	50	21775	3228	25003
220	2045	ALT2	WB	MD	Mainline		University St On-Ramp to 6th S	23726	0.38	33263	4438	37701	61	50	12621	1684	14305
221	2045	ALT2	WB	MD	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	31156	4372	35528	59	50	11205	1572	12777
222	2045	ALT2	WB	MD	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	35428	4461	39889	60	50	13271	1671	14942
223	2045	ALT2	WB	MD	Mainline		Orange St On-Ramp to SR-210	24215	0.17	38044	4584	42628	60	50	6561	791	7352
224	2045	ALT2	WB	MD	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	28710	2580	31290	61	50	7652	688	8340
225	2045	ALT2	WB	MD	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	27275	2556	29831	61	50	4759	446	5205
226	2045	ALT2	WB	MD	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	26085	2533	28618	63	50	20421	1983	22404
227	2045	ALT2	WB	MD	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	30513	2636	33149	63	50	7965	688	8653
228	2045	ALT2	WB	MD	Mainline		Alabama St On-Ramp to Califor	24057	0.12	38906	2980	41886	63	50	4733	363	5096
229	2045	ALT2	WB	MD	Mainline		California St Off-Ramp to Califc	24044	0.86	36670	2929	39599	61	50	31608	2525	34133
230	2045	ALT2	WB	MD	Mainline		California St On-Ramp to Mour	24077	0.19	45427	3140	48567	61	50	8742	604	9346
231	2045	ALT2	WB	MD	Mainline		Mountain View Ave Off-Ramp	24041	0.22	41031	3050	44081	59	50	9129	679	9808
232	2045	ALT2	WB	MD	Mainline		Mountain View Ave On-Ramp t	23990	0.21	39314	3335	42649	62	50	8127	689	8816
233	2045	ALT2	WB	MD	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	37017	3309	40326	56	50	28042	2507	30549
234	2045	ALT2	WB	MD	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	40053	3408	43461	59	50	4467	380	4847
235	2045	ALT2	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	37303	3285	40588	56	50	17750	1563	19313
236	2045	ALT2	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	48503	3457	51960	55	50	13667	974	14641
237	2045	ALT2	WB	MD	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	26858	2086	28944	60	50	18870	1466	20336
238	2045	ALT2	WB	MD	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	29143	2185	31328	60	50	6098	457	6555
239	2045	ALT2	WB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	29772	2208	31980	60	50	5446	404	5850
240	2045	ALT2	WB	MD	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	37692	2534	40226	60	50	6982	469	7451
241	2045	ALT2	WB	MD	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	33704	2501	36205	59	50	24482	1817	26299
242	2045	ALT2	WB	MD	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	32382	2606	34988	61	50	1500	121	1621
243	2045	ALT2	WB	MD	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	30464	2540	33004	60	50	18872	1574	20446
244	2045	ALT2	WB	MD	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	31914	2607	34521	62	50	2812	230	3042
245	2045	ALT2	WB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	30538	2584	33122	60	50	17839	1509	19348
246	2045	ALT2	WB	MD	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	32354	2663	35017	61	50	13480	1110	14590
247	2045	ALT2	WB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	29625	2589	32214	60	50	17617	1540	19157

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
248	2045	ALT2	WB	MD	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	37559	2653	40212	60	50	6394	452	6846
249	2045	ALT2	WB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	33595	2492	36087	61	50	19827	1471	21298
250	2045	ALT2	WB	MD	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	38545	2745	41290	60	50	32865	2340	35205
251	2045	ALT2	WB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	35642	2627	38269	59	50	25895	1909	27804
252	2045	ALT2	WB	MD	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	39229	2820	42049	60	50	20552	1477	22029
253	2045	ALT2	WB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	39229	2820	42049	60	50	14719	1058	15777
254	2045	ALT2	WB	MD	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	39229	2820	42049	60	50	14189	1020	15209
255	2045	ALT2	WB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	29769	2826	32595	60	50	20538	1950	22488
256	2045	ALT2	WB	MD	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	38335	2930	41265	60	50	14939	1142	16081
257	2045	ALT2	WB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	35511	2823	38334	58	50	19141	1522	20663
258	2045	ALT2	WB	MD	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	40619	3029	43648	62	50	16987	1267	18254
259	2045	ALT2	WB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	38907	2930	41837	62	50	24534	1848	26382
260	2045	ALT2	WB	MD	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	42708	3168	45876	61	50	16845	1250	18095
261	2045	ALT2	WB	MD	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	36401	2900	39301	61	50	20037	1596	21633
262	2045	ALT2	WB	MD	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	38578	3385	41963	62	50	48915	4292	53207
263	2045	ALT2	WB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	35446	3192	38638	61	50	24070	2168	26238
264	2045	ALT2	WB	MD	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	37509	3594	41103	56	50	9764	936	10700
265	2045	ALT2	WB	MD	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	39147	3656	42803	59	50	5209	487	5696
266	2045	ALT2	WB	MD	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	29310	3173	32483	59	50	16627	1800	18427
267	2045	ALT2	WB	MD	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	39862	4214	44076	58	50	5300	560	5860
268	2045	ALT2	WB	MD	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	45601	4608	50209	61	50	942	95	1037
269	2045	ALT2	WB	MD	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	40993	4305	45298	58	50	23791	2499	26290
270	2045	ALT2	WB	MD	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	39841	4626	44467	58	50	9946	1155	11101
271	2045	ALT2	WB	MD	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	36866	4337	41203	56	50	15161	1784	16945
272	2045	ALT2	WB	MD	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	38923	4481	43404	55	50	11237	1294	12531
273	2045	ALT2	WB	MD	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	41139	4681	45820	58	50	11245	1279	12524
274	2045	ALT2	WB	MD	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	38907	4539	43446	58	50	12625	1473	14098
275	2045	ALT2	WB	MD	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	38817	4014	42831	60	50	24285	2511	26796
276	2045	ALT2	WB	MD	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	43489	4522	48011	61	50	6654	692	7346
277	2045	ALT2	WB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	38909	4400	43309	59	50	14068	1591	15659
278	2045	ALT2	WB	MD	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	35168	4653	39821	60	50	6693	885	7578
279	2045	ALT2	WB	MD	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	37101	4689	41790	57	50	13500	1706	15206
280	2045	ALT2	WB	MD	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	37912	4496	42408	57	50	14730	1747	16477
281	2045	ALT2	WB	MD	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	43405	4747	48152	53	50	11244	1230	12474
282	2045	ALT2	WB	MD	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	39914	4614	44528	55	50	15902	1838	17740
283	2045	ALT2	WB	MD	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	41649	4674	46323	54	50	14956	1678	16634
284	2045	ALT2	WB	MD	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	44866	4790	49656	52	50	18975	2026	21001
285	2045	ALT2	WB	MD	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	40283	4529	44812	55	50	13149	1478	14627
286	2045	ALT2	WB	MD	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	38734	4616	43350	56	50	10629	1267	11896
287	2045	ALT2	WB	MD	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	34530	4460	38990	58	50	18179	2348	20527
288	2045	ALT2	WB	MD	Mainline		Central Ave On-Ramp to Monte	23492	0.05	45222	4601	49823	57	50	2282	232	2514
289	2045	ALT2	WB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	42718	4447	47165	54	50	23921	2490	26411
290	2045	ALT2	WB	MD	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	2009	34	2043	34	34	1080	18	1098
291	2045	ALT2	WB	MD	Ramp	ON	Ford St On-Ramp	94684	0.23	3173	74	3247	27	27	716	17	733
292	2045	ALT2	WB	MD	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	1012	22	1034	33	33	281	6	287
293	2045	ALT2	WB	MD	Ramp	ON	University St On-Ramp	94674	0.21	4194	129	4323	12	12	887	27	914
294	2045	ALT2	WB	MD	Ramp	OFF	6th St Off-Ramp	94690	0.26	2106	67	2173	24	24	557	18	575
295	2045	ALT2	WB	MD	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	4360	90	4450	11	11	841	17	858
296	2045	ALT2	WB	MD	Ramp	ON	Orange St On-Ramp	2676749	0.16	2616	123	2739	16	16	410	19	429

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
297	2045	ALT2	WB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	9334	2004	11338	26	26	8070	1733	9803
298	2045	ALT2	WB	MD	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	1435	24	1459	26	26	97	2	99
299	2045	ALT2	WB	MD	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	1189	23	1212	32	32	430	8	438
300	2045	ALT2	WB	MD	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4428	103	4531	29	29	4417	103	4520
301	2045	ALT2	WB	MD	Ramp	ON	Alabama St On-Ramp	2676731	0.12	8394	344	8738	17	17	1003	41	1044
302	2045	ALT2	WB	MD	Ramp	OFF	California St Off-Ramp	94793	0.13	2237	51	2288	29	29	289	7	296
303	2045	ALT2	WB	MD	Ramp	ON	California St On-Ramp	2676730	0.11	3564	212	3776	26	26	408	24	432
304	2045	ALT2	WB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	4396	90	4486	18	18	512	10	522
305	2045	ALT2	WB	MD	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	5597	285	5882	23	23	764	39	803
306	2045	ALT2	WB	MD	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	2296	27	2323	21	21	499	6	505
307	2045	ALT2	WB	MD	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3982	99	4081	11	11	492	12	504
308	2045	ALT2	WB	MD	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	2749	123	2872	19	19	671	30	701
309	2045	ALT2	WB	MD	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	3266	172	3438	13	13	430	23	453
310	2045	ALT2	WB	MD	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	21646	1371	23017	23	23	3800	241	4041
311	2045	ALT2	WB	MD	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2285	99	2384	16	16	754	33	787
312	2045	ALT2	WB	MD	Ramp	ON	I-215 NB On-Ramp	24504	0.53	630	22	652	25	25	335	12	347
313	2045	ALT2	WB	MD	Ramp	ON	I-215 SB On-Ramp	24517	0.43	7918	327	8245	31	31	3394	140	3534
314	2045	ALT2	WB	MD	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	3987	33	4020	16	16	962	8	970
315	2045	ALT2	WB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	3199	105	3304	19	19	841	28	869
316	2045	ALT2	WB	MD	Ramp	OFF	9th St Off-Ramp	94928	0.21	1917	67	1984	24	24	409	14	423
317	2045	ALT2	WB	MD	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1450	67	1517	18	18	454	21	475
318	2045	ALT2	WB	MD	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1376	23	1399	26	26	368	6	374
319	2045	ALT2	WB	MD	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2507	79	2586	19	19	799	25	824
320	2045	ALT2	WB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2729	74	2803	21	21	489	13	502
321	2045	ALT2	WB	MD	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	2059	64	2123	17	17	698	22	720
322	2045	ALT2	WB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	3964	161	4125	15	15	423	17	440
323	2045	ALT2	WB	MD	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	4911	252	5163	28	28	1533	79	1612
324	2045	ALT2	WB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	2904	117	3021	28	28	380	15	395
325	2045	ALT2	WB	MD	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3836	192	4028	18	18	1578	79	1657
326	2045	ALT2	WB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	2704	59	2763	22	22	935	20	955
327	2045	ALT2	WB	MD	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	2797	163	2960	16	16	1013	59	1072
328	2045	ALT2	WB	MD	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3621	97	3718	27	27	420	11	431
329	2045	ALT2	WB	MD	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2740	103	2843	19	19	671	25	696
330	2045	ALT2	WB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2824	107	2931	28	28	305	12	317
331	2045	ALT2	WB	MD	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	4496	206	4702	28	28	1344	62	1406
332	2045	ALT2	WB	MD	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1713	99	1812	34	34	501	29	530
333	2045	ALT2	WB	MD	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	3536	238	3774	29	29	1221	82	1303
334	2045	ALT2	WB	MD	Ramp	OFF	Cherry Off-Ramp	94837	0.13	6307	268	6575	29	29	816	35	851
335	2045	ALT2	WB	MD	Ramp	ON	Cherry On-Ramp	95966	0.28	6720	485	7205	27	27	1880	136	2016
336	2045	ALT2	WB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	3133	192	3325	25	25	1587	97	1684
337	2045	ALT2	WB	MD	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	2938	401	3339	28	28	565	77	642
338	2045	ALT2	WB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	1638	62	1700	29	29	600	23	623
339	2045	ALT2	WB	MD	Ramp	OFF	I-15 Off-Ramp	24554	0.28	9837	483	10320	43	43	2771	136	2907
340	2045	ALT2	WB	MD	Ramp	ON	I-15 SB On-Ramp	23554	0.63	10552	1041	11593	29	29	6640	655	7295
341	2045	ALT2	WB	MD	Ramp	ON	I-15 NB On-Ramp	23572	1.00	5739	394	6133	24	24	5754	395	6149
342	2045	ALT2	WB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	4609	303	4912	24	24	927	61	988
343	2045	ALT2	WB	MD	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	3247	320	3567	13	13	574	57	631
344	2045	ALT2	WB	MD	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2974	289	3263	27	27	520	51	571
345	2045	ALT2	WB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2334	144	2478	16	16	223	14	237

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
346	2045	ALT2	WB	MD	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	2216	200	2416	16	16	430	39	469
347	2045	ALT2	WB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	2232	142	2374	21	21	405	26	431
348	2045	ALT2	WB	MD	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	7158	524	7682	27	27	4125	302	4427
349	2045	ALT2	WB	MD	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4672	508	5180	24	24	856	93	949
350	2045	ALT2	WB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	4579	123	4702	32	32	1472	40	1512
351	2045	ALT2	WB	MD	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	2455	254	2709	16	16	391	40	431
352	2045	ALT2	WB	MD	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1933	35	1968	19	19	393	7	400
353	2045	ALT2	WB	MD	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	4807	192	4999	26	26	1216	49	1265
354	2045	ALT2	WB	MD	Ramp	ON	4th St On-Ramp	2731498	0.26	5493	251	5744	17	17	1415	65	1480
355	2045	ALT2	WB	MD	Ramp	OFF	7th St Off-Ramp	94628	0.20	3491	133	3624	18	18	708	27	735
356	2045	ALT2	WB	MD	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1978	60	2038	17	17	471	14	485
357	2045	ALT2	WB	MD	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	3217	116	3333	15	15	1216	44	1260
358	2045	ALT2	WB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	4583	261	4844	10	10	638	36	674
359	2045	ALT2	WB	MD	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	4359	87	4446	11	11	886	18	904
360	2045	ALT2	WB	MD	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	4204	156	4360	14	14	561	21	582
361	2045	ALT2	WB	MD	Ramp	ON	Central Ave On-Ramp	2668754	0.12	4185	141	4326	12	12	506	17	523
362	2045	ALT2	WB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2503	155	2658	22	22	566	35	601
363	2045	ALT2	WB	MD	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	3092	63	3155	15	15	1021	21	1042
364	2045	ALT2	WB	MD	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2045	ALT2	WB	MD	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2045	ALT2	WB	MD	HOV		Ford St On-Ramp to Cypress Av	2731628	0.50	7890		7890	45	45	3932		3932
367	2045	ALT2	WB	MD	HOV		Cypress Ave Off-Ramp to Unive	2731628	0.75	7890		7890	45	45	5910		5910
368	2045	ALT2	WB	MD	HOV		University St On-Ramp to 6th S	2731628	0.38	7890		7890	45	45	2994		2994
369	2045	ALT2	WB	MD	HOV		6th St Off-Ramp to Orange St L	2731628	0.36	7890		7890	45	45	2838		2838
370	2045	ALT2	WB	MD	HOV		Orange St Loop On-Ramp to Or	2731626	0.37	7980		7980	45	45	2989		2989
371	2045	ALT2	WB	MD	HOV		Orange St On-Ramp to SR-210	2731626	0.17	7980		7980	45	45	1376		1376
372	2045	ALT2	WB	MD	HOV		SR-210 Off-Ramp to Tennessee	2731626	0.27	7980		7980	45	45	2127		2127
373	2045	ALT2	WB	MD	HOV		Tennessee St Off-Ramp to Alab	2731626	0.17	7980		7980	45	45	1392		1392
374	2045	ALT2	WB	MD	HOV		Alabama St Off-Ramp to SR-21	2731626	0.78	7980		7980	45	45	6247		6247
375	2045	ALT2	WB	MD	HOV		SR-210 SB On-Ramp to Alabam	2731626	0.26	7980		7980	45	45	2083		2083
376	2045	ALT2	WB	MD	HOV		Alabama St On-Ramp to Califor	2731626	0.12	7980		7980	45	45	971		971
377	2045	ALT2	WB	MD	HOV		California St Off-Ramp to Califo	2731613	0.86	7980		7980	45	45	6878		6878
378	2045	ALT2	WB	MD	HOV		California St On-Ramp to Mour	2731613	0.19	7980		7980	45	45	1536		1536
379	2045	ALT2	WB	MD	HOV		Mountain View Ave Off-Ramp t	2779137	0.22	10101		10101	37	37	2247		2247
380	2045	ALT2	WB	MD	HOV		Mountain View Ave On-Ramp t	2779137	0.21	10101		10101	37	37	2088		2088
381	2045	ALT2	WB	MD	HOV		Tippecanoe Ave Off-Ramp to T	2779137	0.76	10101		10101	37	37	7652		7652
382	2045	ALT2	WB	MD	HOV		Tippecanoe Ave On-Ramp to H	2779137	0.11	10101		10101	37	37	1126		1126
383	2045	ALT2	WB	MD	HOV		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	10101		10101	37	37	4806		4806
384	2045	ALT2	WB	MD	HOV		Hospitality Ln/ Carnegie Dr On-	2779137	0.28	10101		10101	37	37	2846		2846
385	2045	ALT2	WB	MD	HOV		I-215 NB Off-Ramp to Sunwest	2779137	0.70	10101		10101	37	37	7097		7097
386	2045	ALT2	WB	MD	HOV		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	10101		10101	37	37	2114		2114
387	2045	ALT2	WB	MD	HOV		I-215 NB On-Ramp to I-215 SB	2779137	0.18	10101		10101	37	37	1848		1848
388	2045	ALT2	WB	MD	HOV		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	10101		10101	37	37	1871		1871
389	2045	ALT2	WB	MD	HOV		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	10101		10101	37	37	7337		7337
390	2045	ALT2	WB	MD	HOV		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	7635		7635	46	46	354		354
391	2045	ALT2	WB	MD	HOV		9th St Off-Ramp to La Cadena I	2779131	0.62	7635		7635	46	46	4730		4730
392	2045	ALT2	WB	MD	HOV		La Cadena Dr On-Ramp to Ranc	2779131	0.09	7635		7635	46	46	673		673
393	2045	ALT2	WB	MD	HOV		Rancho Ave Off-Ramp to Ranch	2779131	0.58	7635		7635	46	46	4460		4460
394	2045	ALT2	WB	MD	HOV		Rancho Ave On-Ramp to Peppe	2779131	0.42	7635		7635	46	46	3181		3181

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
395	2045	ALT2	WB	MD	HOV		Pepper Ave Off-Ramp to Peppe	2779131	0.59	7635		7635	46	46	4540		4540
396	2045	ALT2	WB	MD	HOV		Pepper Ave On-Ramp to Rivers	2779131	0.17	7635		7635	46	46	1300		1300
397	2045	ALT2	WB	MD	HOV		Riverside Ave Off-Ramp to Rive	2779131	0.59	7635		7635	46	46	4506		4506
398	2045	ALT2	WB	MD	HOV		Riverside Ave On-Ramp to Ced	2779131	0.85	7635		7635	46	46	6510		6510
399	2045	ALT2	WB	MD	HOV		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	7635		7635	46	46	5547		5547
400	2045	ALT2	WB	MD	HOV		Cedar Ave On-Ramp to Alder A	2779131	0.52	7635		7635	46	46	4000		4000
401	2045	ALT2	WB	MD	HOV		Alder Ave Off-Ramp to Alder A	2731555	0.38	7635		7635	46	46	2865		2865
402	2045	ALT2	WB	MD	HOV		Alder Ave On-Ramp to Alder Av	2731555	0.36	7635		7635	46	46	2762		2762
403	2045	ALT2	WB	MD	HOV		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	8591		8591	43	43	5927		5927
404	2045	ALT2	WB	MD	HOV		Sierra Ave On-Ramp to Citrus A	2731555	0.39	8591		8591	43	43	3348		3348
405	2045	ALT2	WB	MD	HOV		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	8591		8591	43	43	4631		4631
406	2045	ALT2	WB	MD	HOV		Citrus Ave On-Ramp to Beach C	2731555	0.42	8591		8591	43	43	3593		3593
407	2045	ALT2	WB	MD	HOV		Beach Ave Off-Ramp to Beach	2731555	0.63	8591		8591	43	43	5417		5417
408	2045	ALT2	WB	MD	HOV		Beach Ave On-Ramp to Cherry	2731555	0.39	8591		8591	43	43	3389		3389
409	2045	ALT2	WB	MD	HOV		Cherry Off-Ramp to Cherry On-	2731555	0.55	8591		8591	43	43	4729		4729
410	2045	ALT2	WB	MD	HOV		Cherry On-Ramp to Etiwanda A	2779119	1.27	6429		6429	49	49	8152		8152
411	2045	ALT2	WB	MD	HOV		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	6429		6429	49	49	4366		4366
412	2045	ALT2	WB	MD	HOV		Etiwanda Ave Loop On-Ramp t	2779119	0.26	6429		6429	49	49	1673		1673
413	2045	ALT2	WB	MD	HOV		Etiwanda Ave On-Ramp to I-15	2779119	0.13	6429		6429	49	49	856		856
414	2045	ALT2	WB	MD	HOV		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	6429		6429	49	49	3647		3647
415	2045	ALT2	WB	MD	HOV		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	6429		6429	49	49	855		855
416	2045	ALT2	WB	MD	HOV		I-15 NB On-Ramp to Milliken A	2779119	0.02	6429		6429	49	49	133		133
417	2045	ALT2	WB	MD	HOV		Milliken Ave Off-Ramp to Millik	2779119	0.58	6429		6429	49	49	3731		3731
418	2045	ALT2	WB	MD	HOV		Milliken Ave On-Ramp to Have	2779119	0.25	6429		6429	49	49	1605		1605
419	2045	ALT2	WB	MD	HOV		Haven Ave Off-Ramp to Haven	2779119	0.41	6429		6429	49	49	2644		2644
420	2045	ALT2	WB	MD	HOV		Haven Ave Loop On-Ramp to H	2779113	0.29	11978		11978	41	41	3458		3458
421	2045	ALT2	WB	MD	HOV		Haven Ave On-Ramp to Archiba	2779113	0.27	11978		11978	41	41	3274		3274
422	2045	ALT2	WB	MD	HOV		Archibald Ave Off-Ramp to Hol	2779113	0.32	11978		11978	41	41	3887		3887
423	2045	ALT2	WB	MD	HOV		Holt Blvd Off-Ramp to Archibal	2779113	0.63	11978		11978	41	41	7494		7494
424	2045	ALT2	WB	MD	HOV		Archibald Ave On-Ramp to Vine	2779113	0.15	11978		11978	41	41	1833		1833
425	2045	ALT2	WB	MD	HOV		Vineyard Ave Off-Ramp to Vine	2779113	0.36	11978		11978	41	41	4331		4331
426	2045	ALT2	WB	MD	HOV		Vineyard Ave Loop On-Ramp to	2779113	0.19	11978		11978	41	41	2279		2279
427	2045	ALT2	WB	MD	HOV		Vineyard Ave On-Ramp to 4th S	2779113	0.36	11978		11978	41	41	4359		4359
428	2045	ALT2	WB	MD	HOV		4th St Off-Ramp to 4th St On-R	2779113	0.39	11978		11978	41	41	4654		4654
429	2045	ALT2	WB	MD	HOV		4th St On-Ramp to 7th St Off-R	2779113	0.26	11978		11978	41	41	3103		3103
430	2045	ALT2	WB	MD	HOV		7th St Off-Ramp to Euclid Ave L	2779107	0.40	5491		5491	54	50	2188		2188
431	2045	ALT2	WB	MD	HOV		Euclid Ave Loop On-Ramp to Eu	2779107	0.36	5491		5491	54	50	1972		1972
432	2045	ALT2	WB	MD	HOV		Euclid Ave On-Ramp to Mountai	2779107	0.42	5491		5491	54	50	2322		2322
433	2045	ALT2	WB	MD	HOV		Mountain Ave Off-Ramp to Mo	2760177	0.33	11641		11641	34	34	3800		3800
434	2045	ALT2	WB	MD	HOV		Mountain Ave On-Ramp to Cer	2760177	0.27	11641		11641	34	34	3194		3194
435	2045	ALT2	WB	MD	HOV		Central Ave Off-Ramp to Centr	2760177	0.53	11641		11641	34	34	6128		6128
436	2045	ALT2	WB	MD	HOV		Central Ave On-Ramp to Monte	2760177	0.05	11641		11641	34	34	587		587
437	2045	ALT2	WB	MD	HOV		Monte Vista Ave Off-Ramp to M	2760177	0.56	11641		11641	34	34	6519		6519
216	2045	ALT2	WB	PM	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	14435	4536	18971	64	50	5805	1824	7629
217	2045	ALT2	WB	PM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	13521	4515	18036	64	50	10563	3527	14090
218	2045	ALT2	WB	PM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	14464	4561	19025	64	50	7208	2273	9481
219	2045	ALT2	WB	PM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	14052	4547	18599	64	50	10526	3406	13932
220	2045	ALT2	WB	PM	Mainline		University St On-Ramp to 6th S	23726	0.38	17043	4668	21711	64	50	6466	1771	8237
221	2045	ALT2	WB	PM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	15813	4609	20422	64	50	5687	1658	7345

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
222	2045	ALT2	WB	PM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	18170	4702	22872	64	50	6806	1761	8567
223	2045	ALT2	WB	PM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	18889	4761	23650	64	50	3257	821	4078
224	2045	ALT2	WB	PM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	15913	4272	20185	64	50	4241	1139	5380
225	2045	ALT2	WB	PM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	15433	4256	19689	64	50	2693	743	3436
226	2045	ALT2	WB	PM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	14952	4236	19188	64	50	11706	3316	15022
227	2045	ALT2	WB	PM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	17158	4306	21464	64	50	4479	1124	5603
228	2045	ALT2	WB	PM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	23040	4714	27754	64	50	2803	574	3377
229	2045	ALT2	WB	PM	Mainline		California St Off-Ramp to Califc	24044	0.86	22218	4678	26896	64	50	19151	4032	23183
230	2045	ALT2	WB	PM	Mainline		California St On-Ramp to Mour	24077	0.19	27537	4892	32429	64	50	5299	941	6240
231	2045	ALT2	WB	PM	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	25077	4805	29882	64	50	5580	1069	6649
232	2045	ALT2	WB	PM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	24092	5052	29144	64	50	4980	1044	6024
233	2045	ALT2	WB	PM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	23125	5029	28154	63	50	17518	3810	21328
234	2045	ALT2	WB	PM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	25988	5172	31160	63	50	2898	577	3475
235	2045	ALT2	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	24547	5059	29606	63	50	11680	2407	14087
236	2045	ALT2	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	30511	5220	35731	63	50	8598	1471	10069
237	2045	ALT2	WB	PM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	17648	3723	21371	63	50	12399	2616	15015
238	2045	ALT2	WB	PM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	19004	3820	22824	63	50	3977	799	4776
239	2045	ALT2	WB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	19239	3834	23073	63	50	3520	701	4221
240	2045	ALT2	WB	PM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	23738	4144	27882	63	50	4397	768	5165
241	2045	ALT2	WB	PM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	21701	4117	25818	63	50	15763	2991	18754
242	2045	ALT2	WB	PM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	20344	4195	24539	64	50	942	194	1136
243	2045	ALT2	WB	PM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	19390	4136	23526	64	50	12012	2562	14574
244	2045	ALT2	WB	PM	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	20496	4218	24714	64	50	1806	372	2178
245	2045	ALT2	WB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	19843	4207	24050	63	50	11592	2458	14050
246	2045	ALT2	WB	PM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	20746	4267	25013	64	50	8644	1778	10422
247	2045	ALT2	WB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	19052	4199	23251	64	50	11330	2497	13827
248	2045	ALT2	WB	PM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	24122	4267	28389	64	50	4107	726	4833
249	2045	ALT2	WB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	21570	4111	25681	64	50	12730	2426	15156
250	2045	ALT2	WB	PM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	24330	4330	28660	64	50	20745	3692	24437
251	2045	ALT2	WB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	22711	4255	26966	63	50	16500	3091	19591
252	2045	ALT2	WB	PM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	24633	4418	29051	64	50	12905	2315	15220
253	2045	ALT2	WB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	24633	4418	29051	64	50	9242	1658	10900
254	2045	ALT2	WB	PM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	24633	4418	29051	64	50	8910	1598	10508
255	2045	ALT2	WB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	18893	4463	23356	64	50	13035	3079	16114
256	2045	ALT2	WB	PM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	23776	4540	28316	64	50	9265	1769	11034
257	2045	ALT2	WB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	21971	4455	26426	63	50	11843	2401	14244
258	2045	ALT2	WB	PM	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	24457	4628	29085	64	50	10228	1935	12163
259	2045	ALT2	WB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	23294	4537	27831	64	50	14689	2861	17550
260	2045	ALT2	WB	PM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	25137	4746	29883	64	50	9915	1872	11787
261	2045	ALT2	WB	PM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	22054	4509	26563	64	50	12139	2482	14621
262	2045	ALT2	WB	PM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	22579	4999	27578	64	50	28629	6339	34968
263	2045	ALT2	WB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	20792	4815	25607	64	50	14119	3270	17389
264	2045	ALT2	WB	PM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	21868	5174	27042	63	50	5692	1347	7039
265	2045	ALT2	WB	PM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	22481	5219	27700	63	50	2992	695	3687
266	2045	ALT2	WB	PM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	16216	4628	20844	63	50	9199	2625	11824
267	2045	ALT2	WB	PM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	22996	6072	29068	63	50	3058	807	3865
268	2045	ALT2	WB	PM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	27370	6473	33843	63	50	565	134	699
269	2045	ALT2	WB	PM	Mainline		Milliken Ave Off-Ramp to Milli	85493	0.58	25912	6233	32145	63	50	15039	3617	18656
270	2045	ALT2	WB	PM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	25204	6625	31829	63	50	6292	1654	7946

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
271	2045	ALT2	WB	PM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	23682	6375	30057	63	50	9739	2622	12361
272	2045	ALT2	WB	PM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	24657	6552	31209	62	50	7119	1892	9011
273	2045	ALT2	WB	PM	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	26233	6756	32989	63	50	7170	1847	9017
274	2045	ALT2	WB	PM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	24671	6633	31304	63	50	8005	2152	10157
275	2045	ALT2	WB	PM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	24499	6083	30582	64	50	15327	3806	19133
276	2045	ALT2	WB	PM	Mainline		Archibald Ave On-Ramp to Vin	23575	0.15	28852	6385	35237	64	50	4414	977	5391
277	2045	ALT2	WB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	26180	6286	32466	64	50	9466	2273	11739
278	2045	ALT2	WB	PM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	23870	6547	30417	64	50	4543	1246	5789
279	2045	ALT2	WB	PM	Mainline		Vineyard Ave On-Ramp to 4th	23538	0.36	25296	6659	31955	63	50	9205	2423	11628
280	2045	ALT2	WB	PM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	26514	6533	33047	63	50	10301	2538	12839
281	2045	ALT2	WB	PM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	30340	6773	37113	62	50	7860	1755	9615
282	2045	ALT2	WB	PM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	28077	6670	34747	62	50	11186	2657	13843
283	2045	ALT2	WB	PM	Mainline		Euclid Ave Loop On-Ramp to E	1658013	0.36	29389	6758	36147	62	50	10554	2427	12981
284	2045	ALT2	WB	PM	Mainline		Euclid Ave On-Ramp to Mount	23434	0.42	31610	6853	38463	62	50	13369	2898	16267
285	2045	ALT2	WB	PM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	28111	6673	34784	62	50	9176	2178	11354
286	2045	ALT2	WB	PM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	26351	6791	33142	63	50	7231	1863	9094
287	2045	ALT2	WB	PM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	24092	6646	30738	63	50	12683	3499	16182
288	2045	ALT2	WB	PM	Mainline		Central Ave On-Ramp to Mont	23492	0.05	31097	6788	37885	63	50	1569	343	1912
289	2045	ALT2	WB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	29687	6686	36373	62	50	16624	3744	20368
290	2045	ALT2	WB	PM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	915	21	936	35	35	492	11	503
291	2045	ALT2	WB	PM	Ramp	ON	Ford St On-Ramp	94684	0.23	1466	46	1512	29	29	331	10	341
292	2045	ALT2	WB	PM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	411	14	425	34	34	114	4	118
293	2045	ALT2	WB	PM	Ramp	ON	University St On-Ramp	94674	0.21	2991	121	3112	18	18	632	26	658
294	2045	ALT2	WB	PM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1231	59	1290	28	28	326	16	342
295	2045	ALT2	WB	PM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2536	93	2629	18	18	489	18	507
296	2045	ALT2	WB	PM	Ramp	ON	Orange St On-Ramp	2676749	0.16	718	60	778	20	20	113	9	122
297	2045	ALT2	WB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	2976	489	3465	30	30	2573	423	2996
298	2045	ALT2	WB	PM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	479	16	495	29	29	32	1	33
299	2045	ALT2	WB	PM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	481	20	501	34	34	174	7	181
300	2045	ALT2	WB	PM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	2206	69	2275	30	30	2200	69	2269
301	2045	ALT2	WB	PM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	5882	409	6291	26	26	703	49	752
302	2045	ALT2	WB	PM	Ramp	OFF	California St Off-Ramp	94793	0.13	823	36	859	34	34	106	5	111
303	2045	ALT2	WB	PM	Ramp	ON	California St On-Ramp	2676730	0.11	2372	213	2585	29	29	272	24	296
304	2045	ALT2	WB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2461	86	2547	31	31	287	10	297
305	2045	ALT2	WB	PM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	3024	247	3271	28	28	413	34	447
306	2045	ALT2	WB	PM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	967	23	990	28	28	210	5	215
307	2045	ALT2	WB	PM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3309	143	3452	17	17	409	18	427
308	2045	ALT2	WB	PM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1441	113	1554	27	27	352	28	380
309	2045	ALT2	WB	PM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	1610	161	1771	18	18	212	21	233
310	2045	ALT2	WB	PM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	12863	1497	14360	44	44	2258	263	2521
311	2045	ALT2	WB	PM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1356	97	1453	19	19	447	32	479
312	2045	ALT2	WB	PM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	234	15	249	25	25	124	8	132
313	2045	ALT2	WB	PM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4501	309	4810	34	34	1929	132	2061
314	2045	ALT2	WB	PM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2037	27	2064	27	27	492	7	499
315	2045	ALT2	WB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1684	78	1762	20	20	443	21	464
316	2045	ALT2	WB	PM	Ramp	OFF	9th St Off-Ramp	94928	0.21	954	59	1013	29	29	204	13	217
317	2045	ALT2	WB	PM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1106	82	1188	19	19	346	26	372
318	2045	ALT2	WB	PM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	653	11	664	29	29	175	3	178
319	2045	ALT2	WB	PM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1234	60	1294	20	20	393	19	412

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
320	2045	ALT2	WB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1696	67	1763	27	27	304	12	316
321	2045	ALT2	WB	PM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1496	67	1563	19	19	507	23	530
322	2045	ALT2	WB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2552	156	2708	26	26	272	17	289
323	2045	ALT2	WB	PM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2711	220	2931	29	29	847	69	916
324	2045	ALT2	WB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1619	75	1694	29	29	212	10	222
325	2045	ALT2	WB	PM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	1976	163	2139	20	20	813	67	880
326	2045	ALT2	WB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	1769	56	1825	27	27	612	19	631
327	2045	ALT2	WB	PM	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1838	175	2013	19	19	666	63	729
328	2045	ALT2	WB	PM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2305	74	2379	29	29	267	9	276
329	2045	ALT2	WB	PM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1441	77	1518	20	20	353	19	372
330	2045	ALT2	WB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1804	86	1890	29	29	195	9	204
331	2045	ALT2	WB	PM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	2202	173	2375	30	30	658	52	710
332	2045	ALT2	WB	PM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1163	91	1254	35	35	340	27	367
333	2045	ALT2	WB	PM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1843	209	2052	30	30	636	72	708
334	2045	ALT2	WB	PM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3083	237	3320	34	34	399	31	430
335	2045	ALT2	WB	PM	Ramp	ON	Cherry On-Ramp	95966	0.28	3525	490	4015	29	29	986	137	1123
336	2045	ALT2	WB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1787	184	1971	32	32	905	93	998
337	2045	ALT2	WB	PM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1400	359	1759	33	33	269	69	338
338	2045	ALT2	WB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	613	45	658	30	30	224	16	240
339	2045	ALT2	WB	PM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6265	591	6856	48	48	1765	166	1931
340	2045	ALT2	WB	PM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6781	1443	8224	33	33	4267	908	5175
341	2045	ALT2	WB	PM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4373	402	4775	31	31	4384	403	4787
342	2045	ALT2	WB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1458	240	1698	29	29	293	48	341
343	2045	ALT2	WB	PM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2121	391	2512	18	18	375	69	444
344	2045	ALT2	WB	PM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	1523	249	1772	29	29	267	44	311
345	2045	ALT2	WB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	1130	177	1307	19	19	108	17	125
346	2045	ALT2	WB	PM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1576	204	1780	18	18	306	40	346
347	2045	ALT2	WB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1561	124	1685	26	26	283	23	306
348	2045	ALT2	WB	PM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4426	550	4976	33	33	2551	317	2868
349	2045	ALT2	WB	PM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4353	302	4655	27	27	797	55	852
350	2045	ALT2	WB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2671	99	2770	34	34	859	32	891
351	2045	ALT2	WB	PM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1179	261	1440	19	19	188	42	230
352	2045	ALT2	WB	PM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1426	113	1539	20	20	290	23	313
353	2045	ALT2	WB	PM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	2740	126	2866	29	29	693	32	725
354	2045	ALT2	WB	PM	Ramp	ON	4th St On-Ramp	2731498	0.26	3826	239	4065	19	19	985	62	1047
355	2045	ALT2	WB	PM	Ramp	OFF	7th St Off-Ramp	94628	0.20	2262	103	2365	26	26	459	21	480
356	2045	ALT2	WB	PM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1299	88	1387	19	19	310	21	331
357	2045	ALT2	WB	PM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2220	96	2316	18	18	839	36	875
358	2045	ALT2	WB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3498	180	3678	24	24	487	25	512
359	2045	ALT2	WB	PM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2559	118	2677	18	18	520	24	544
360	2045	ALT2	WB	PM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2259	145	2404	26	26	301	19	320
361	2045	ALT2	WB	PM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2509	141	2650	18	18	304	17	321
362	2045	ALT2	WB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1411	102	1513	28	28	319	23	342
363	2045	ALT2	WB	PM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1933	81	2014	19	19	638	27	665
364	2045	ALT2	WB	PM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2045	ALT2	WB	PM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2045	ALT2	WB	PM	HOV		Ford St On-Ramp to Cypress Av	2731628	0.50	4153		4153	60	50	2070		2070
367	2045	ALT2	WB	PM	HOV		Cypress Ave Off-Ramp to Unive	2731628	0.75	4153		4153	60	50	3111		3111
368	2045	ALT2	WB	PM	HOV		University St On-Ramp to 6th S	2731628	0.38	4153		4153	60	50	1576		1576

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
369	2045	ALT2	WB	PM	HOV		6th St Off-Ramp to Orange St L	2731628	0.36	4153		4153	60	50	1494		1494
370	2045	ALT2	WB	PM	HOV		Orange St Loop On-Ramp to Or	2731626	0.37	4332		4332	59	50	1623		1623
371	2045	ALT2	WB	PM	HOV		Orange St On-Ramp to SR-210	2731626	0.17	4332		4332	59	50	747		747
372	2045	ALT2	WB	PM	HOV		SR-210 Off-Ramp to Tennessee	2731626	0.27	4332		4332	59	50	1155		1155
373	2045	ALT2	WB	PM	HOV		Tennessee St Off-Ramp to Alab	2731626	0.17	4332		4332	59	50	756		756
374	2045	ALT2	WB	PM	HOV		Alabama St Off-Ramp to SR-21	2731626	0.78	4332		4332	59	50	3391		3391
375	2045	ALT2	WB	PM	HOV		SR-210 SB On-Ramp to Alabam	2731626	0.26	4332		4332	59	50	1131		1131
376	2045	ALT2	WB	PM	HOV		Alabama St On-Ramp to Califor	2731626	0.12	4332		4332	59	50	527		527
377	2045	ALT2	WB	PM	HOV		California St Off-Ramp to Califo	2731613	0.86	4332		4332	59	50	3734		3734
378	2045	ALT2	WB	PM	HOV		California St On-Ramp to Mour	2731613	0.19	4332		4332	59	50	834		834
379	2045	ALT2	WB	PM	HOV		Mountain View Ave Off-Ramp t	2779137	0.22	5393		5393	58	50	1200		1200
380	2045	ALT2	WB	PM	HOV		Mountain View Ave On-Ramp t	2779137	0.21	5393		5393	58	50	1115		1115
381	2045	ALT2	WB	PM	HOV		Tippecanoe Ave Off-Ramp to T	2779137	0.76	5393		5393	58	50	4085		4085
382	2045	ALT2	WB	PM	HOV		Tippecanoe Ave On-Ramp to H	2779137	0.11	5393		5393	58	50	601		601
383	2045	ALT2	WB	PM	HOV		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	5393		5393	58	50	2566		2566
384	2045	ALT2	WB	PM	HOV		Hospitality Ln/ Carnegie Dr On-	2779137	0.28	5393		5393	58	50	1520		1520
385	2045	ALT2	WB	PM	HOV		I-215 NB Off-Ramp to Sunwest	2779137	0.70	5393		5393	58	50	3789		3789
386	2045	ALT2	WB	PM	HOV		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	5393		5393	58	50	1129		1129
387	2045	ALT2	WB	PM	HOV		I-215 NB On-Ramp to I-215 SB	2779137	0.18	5393		5393	58	50	987		987
388	2045	ALT2	WB	PM	HOV		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	5393		5393	58	50	999		999
389	2045	ALT2	WB	PM	HOV		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	5393		5393	58	50	3917		3917
390	2045	ALT2	WB	PM	HOV		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	4526		4526	59	50	210		210
391	2045	ALT2	WB	PM	HOV		9th St Off-Ramp to La Cadena I	2779131	0.62	4526		4526	59	50	2804		2804
392	2045	ALT2	WB	PM	HOV		La Cadena Dr On-Ramp to Ran	2779131	0.09	4526		4526	59	50	399		399
393	2045	ALT2	WB	PM	HOV		Rancho Ave Off-Ramp to Ranch	2779131	0.58	4526		4526	59	50	2644		2644
394	2045	ALT2	WB	PM	HOV		Rancho Ave On-Ramp to Peppe	2779131	0.42	4526		4526	59	50	1886		1886
395	2045	ALT2	WB	PM	HOV		Pepper Ave Off-Ramp to Peppe	2779131	0.59	4526		4526	59	50	2691		2691
396	2045	ALT2	WB	PM	HOV		Pepper Ave On-Ramp to Rivers	2779131	0.17	4526		4526	59	50	771		771
397	2045	ALT2	WB	PM	HOV		Riverside Ave Off-Ramp to Rive	2779131	0.59	4526		4526	59	50	2671		2671
398	2045	ALT2	WB	PM	HOV		Riverside Ave On-Ramp to Ced	2779131	0.85	4526		4526	59	50	3859		3859
399	2045	ALT2	WB	PM	HOV		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	4526		4526	59	50	3288		3288
400	2045	ALT2	WB	PM	HOV		Cedar Ave On-Ramp to Alder A	2779131	0.52	4526		4526	59	50	2371		2371
401	2045	ALT2	WB	PM	HOV		Alder Ave Off-Ramp to Alder A	2731555	0.38	4526		4526	59	50	1698		1698
402	2045	ALT2	WB	PM	HOV		Alder Ave On-Ramp to Alder Av	2731555	0.36	4526		4526	59	50	1637		1637
403	2045	ALT2	WB	PM	HOV		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	4790		4790	59	50	3305		3305
404	2045	ALT2	WB	PM	HOV		Sierra Ave On-Ramp to Citrus A	2731555	0.39	4790		4790	59	50	1867		1867
405	2045	ALT2	WB	PM	HOV		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	4790		4790	59	50	2582		2582
406	2045	ALT2	WB	PM	HOV		Citrus Ave On-Ramp to Beach C	2731555	0.42	4790		4790	59	50	2003		2003
407	2045	ALT2	WB	PM	HOV		Beach Ave Off-Ramp to Beach	2731555	0.63	4790		4790	59	50	3020		3020
408	2045	ALT2	WB	PM	HOV		Beach Ave On-Ramp to Cherry	2731555	0.39	4790		4790	59	50	1889		1889
409	2045	ALT2	WB	PM	HOV		Cherry Off-Ramp to Cherry On-	2731555	0.55	4790		4790	59	50	2637		2637
410	2045	ALT2	WB	PM	HOV		Cherry On-Ramp to Etiwanda A	2779119	1.27	4064		4064	60	50	5153		5153
411	2045	ALT2	WB	PM	HOV		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	4064		4064	60	50	2760		2760
412	2045	ALT2	WB	PM	HOV		Etiwanda Ave Loop On-Ramp t	2779119	0.26	4064		4064	60	50	1058		1058
413	2045	ALT2	WB	PM	HOV		Etiwanda Ave On-Ramp to I-15	2779119	0.13	4064		4064	60	50	541		541
414	2045	ALT2	WB	PM	HOV		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	4064		4064	60	50	2305		2305
415	2045	ALT2	WB	PM	HOV		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	4064		4064	60	50	540		540
416	2045	ALT2	WB	PM	HOV		I-15 NB On-Ramp to Milliken A	2779119	0.02	4064		4064	60	50	84		84
417	2045	ALT2	WB	PM	HOV		Milliken Ave Off-Ramp to Millik	2779119	0.58	4064		4064	60	50	2359		2359

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
418	2045	ALT2	WB	PM	HOV		Milliken Ave On-Ramp to Have	2779119	0.25	4064		4064	60	50	1015		1015
419	2045	ALT2	WB	PM	HOV		Haven Ave Off-Ramp to Haven	2779119	0.41	4064		4064	60	50	1671		1671
420	2045	ALT2	WB	PM	HOV		Haven Ave Loop On-Ramp to H	2779113	0.29	7371		7371	60	50	2128		2128
421	2045	ALT2	WB	PM	HOV		Haven Ave On-Ramp to Archib	2779113	0.27	7371		7371	60	50	2015		2015
422	2045	ALT2	WB	PM	HOV		Archibald Ave Off-Ramp to Hol	2779113	0.32	7371		7371	60	50	2392		2392
423	2045	ALT2	WB	PM	HOV		Holt Blvd Off-Ramp to Archibal	2779113	0.63	7371		7371	60	50	4611		4611
424	2045	ALT2	WB	PM	HOV		Archibald Ave On-Ramp to Vine	2779113	0.15	7371		7371	60	50	1128		1128
425	2045	ALT2	WB	PM	HOV		Vineyard Ave Off-Ramp to Vine	2779113	0.36	7371		7371	60	50	2665		2665
426	2045	ALT2	WB	PM	HOV		Vineyard Ave Loop On-Ramp to	2779113	0.19	7371		7371	60	50	1403		1403
427	2045	ALT2	WB	PM	HOV		Vineyard Ave On-Ramp to 4th	2779113	0.36	7371		7371	60	50	2682		2682
428	2045	ALT2	WB	PM	HOV		4th St Off-Ramp to 4th St On-R	2779113	0.39	7371		7371	60	50	2864		2864
429	2045	ALT2	WB	PM	HOV		4th St On-Ramp to 7th St Off-R	2779113	0.26	7371		7371	60	50	1909		1909
430	2045	ALT2	WB	PM	HOV		7th St Off-Ramp to Euclid Ave	2779107	0.40	2648		2648	62	50	1055		1055
431	2045	ALT2	WB	PM	HOV		Euclid Ave Loop On-Ramp to E	2779107	0.36	2648		2648	62	50	951		951
432	2045	ALT2	WB	PM	HOV		Euclid Ave On-Ramp to Mounta	2779107	0.42	2648		2648	62	50	1120		1120
433	2045	ALT2	WB	PM	HOV		Mountain Ave Off-Ramp to Mo	2760177	0.33	6955		6955	57	50	2270		2270
434	2045	ALT2	WB	PM	HOV		Mountain Ave On-Ramp to Cer	2760177	0.27	6955		6955	57	50	1908		1908
435	2045	ALT2	WB	PM	HOV		Central Ave Off-Ramp to Centr	2760177	0.53	6955		6955	57	50	3662		3662
436	2045	ALT2	WB	PM	HOV		Central Ave On-Ramp to Mont	2760177	0.05	6955		6955	57	50	351		351
437	2045	ALT2	WB	PM	HOV		Monte Vista Ave Off-Ramp to M	2760177	0.56	6955		6955	57	50	3895		3895
216	2045	ALT2	WB	NT	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	21528	2591	24119	62	50	8658	1042	9700
217	2045	ALT2	WB	NT	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	19843	2570	22413	61	50	15502	2008	17510
218	2045	ALT2	WB	NT	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	22009	2618	24627	62	50	10968	1305	12273
219	2045	ALT2	WB	NT	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	21213	2605	23818	59	50	15890	1951	17841
220	2045	ALT2	WB	NT	Mainline		University St On-Ramp to 6th S	23726	0.38	24249	2691	26940	60	50	9201	1021	10222
221	2045	ALT2	WB	NT	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	22715	2651	25366	58	50	8169	953	9122
222	2045	ALT2	WB	NT	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	26069	2695	28764	60	50	9765	1010	10775
223	2045	ALT2	WB	NT	Mainline		Orange St On-Ramp to SR-210	24215	0.17	28279	2778	31057	59	50	4877	479	5356
224	2045	ALT2	WB	NT	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	18688	1310	19998	61	50	4981	349	5330
225	2045	ALT2	WB	NT	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	18055	1295	19350	61	50	3151	226	3377
226	2045	ALT2	WB	NT	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	17485	1277	18762	63	50	13689	1000	14689
227	2045	ALT2	WB	NT	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	21602	1376	22978	63	50	5639	359	5998
228	2045	ALT2	WB	NT	Mainline		Alabama St On-Ramp to Califor	24057	0.12	28243	1554	29797	63	50	3436	189	3625
229	2045	ALT2	WB	NT	Mainline		California St Off-Ramp to Califo	24044	0.86	26888	1520	28408	60	50	23176	1310	24486
230	2045	ALT2	WB	NT	Mainline		California St On-Ramp to Mour	24077	0.19	35439	1644	37083	59	50	6820	316	7136
231	2045	ALT2	WB	NT	Mainline		Mountain View Ave Off-Ramp	24041	0.22	32495	1587	34082	56	50	7230	353	7583
232	2045	ALT2	WB	NT	Mainline		Mountain View Ave On-Ramp t	23990	0.21	33138	1768	34906	60	50	6850	365	7215
233	2045	ALT2	WB	NT	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	31911	1742	33653	50	50	24174	1320	25494
234	2045	ALT2	WB	NT	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	34793	1777	36570	54	50	3880	198	4078
235	2045	ALT2	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	32944	1707	34651	49	49	15676	812	16488
236	2045	ALT2	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	41467	1804	43271	44	44	11685	508	12193
237	2045	ALT2	WB	NT	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	25007	1276	26283	57	50	17569	896	18465
238	2045	ALT2	WB	NT	Mainline		Sunwest Ln On-Ramp to I-215	24539	0.21	27600	1331	28931	55	50	5776	279	6055
239	2045	ALT2	WB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	28154	1345	29499	55	50	5150	246	5396
240	2045	ALT2	WB	NT	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	36106	1557	37663	53	50	6689	288	6977
241	2045	ALT2	WB	NT	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	33142	1540	34682	51	50	24074	1119	25193
242	2045	ALT2	WB	NT	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	33725	1605	35330	56	50	1562	74	1636
243	2045	ALT2	WB	NT	Mainline		9th St Off-Ramp to La Cadena	24601	0.62	32288	1567	33855	52	50	20002	971	20973
244	2045	ALT2	WB	NT	Mainline		La Cadena Dr On-Ramp to Ran	24337	0.09	33758	1607	35365	56	50	2974	142	3116

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
245	2045	ALT2	WB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	32252	1585	33837	52	50	18840	926	19766
246	2045	ALT2	WB	NT	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	34122	1635	35757	56	50	14217	681	14898
247	2045	ALT2	WB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	31577	1592	33169	53	50	18778	947	19725
248	2045	ALT2	WB	NT	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	36036	1630	37666	54	50	6135	278	6413
249	2045	ALT2	WB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	32787	1549	34336	56	50	19350	914	20264
250	2045	ALT2	WB	NT	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	37280	1672	38952	53	50	31786	1426	33212
251	2045	ALT2	WB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	33298	1576	34874	51	50	24192	1145	25337
252	2045	ALT2	WB	NT	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	36592	1692	38284	54	50	19170	886	20056
253	2045	ALT2	WB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	36592	1692	38284	54	50	13729	635	14364
254	2045	ALT2	WB	NT	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	36592	1692	38284	54	50	13235	612	13847
255	2045	ALT2	WB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	29346	1677	31023	55	50	20246	1157	21403
256	2045	ALT2	WB	NT	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	34658	1724	36382	56	50	13506	672	14178
257	2045	ALT2	WB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	31261	1657	32918	53	50	16851	893	17744
258	2045	ALT2	WB	NT	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	35589	1762	37351	58	50	14883	737	15620
259	2045	ALT2	WB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	33388	1697	35085	60	50	21054	1070	22124
260	2045	ALT2	WB	NT	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	36249	1806	38055	58	50	14298	712	15010
261	2045	ALT2	WB	NT	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	30889	1639	32528	57	50	17003	902	17905
262	2045	ALT2	WB	NT	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	32890	1821	34711	60	50	41703	2309	44012
263	2045	ALT2	WB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	30685	1683	32368	58	50	20837	1143	21980
264	2045	ALT2	WB	NT	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	32986	1818	34804	48	48	8586	473	9059
265	2045	ALT2	WB	NT	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	35044	1869	36913	53	50	4663	249	4912
266	2045	ALT2	WB	NT	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	28097	1417	29514	55	50	15939	804	16743
267	2045	ALT2	WB	NT	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	35513	1664	37177	53	50	4722	221	4943
268	2045	ALT2	WB	NT	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	40360	1795	42155	59	50	833	37	870
269	2045	ALT2	WB	NT	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	37919	1600	39519	51	50	22007	929	22936
270	2045	ALT2	WB	NT	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	37219	1697	38916	51	50	9291	424	9715
271	2045	ALT2	WB	NT	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	34461	1513	35974	47	47	14172	622	14794
272	2045	ALT2	WB	NT	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	36834	1570	38404	42	42	10634	453	11087
273	2045	ALT2	WB	NT	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	38967	1617	40584	49	49	10651	442	11093
274	2045	ALT2	WB	NT	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	36979	1565	38544	52	50	11999	508	12507
275	2045	ALT2	WB	NT	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	35544	1242	36786	53	50	22237	777	23014
276	2045	ALT2	WB	NT	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	40802	1321	42123	55	50	6243	202	6445
277	2045	ALT2	WB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	36241	1240	37481	52	50	13104	448	13552
278	2045	ALT2	WB	NT	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	35147	1328	36475	54	50	6689	253	6942
279	2045	ALT2	WB	NT	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	37230	1360	38590	44	44	13547	495	14042
280	2045	ALT2	WB	NT	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	34365	1263	35628	50	50	13352	491	13843
281	2045	ALT2	WB	NT	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	38776	1397	40173	40	40	10045	362	10407
282	2045	ALT2	WB	NT	Mainline		7th St Off-Ramp to Euclid Ave L	23447	0.40	35652	1339	36991	47	47	14204	533	14737
283	2045	ALT2	WB	NT	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	36950	1365	38315	45	45	13269	490	13759
284	2045	ALT2	WB	NT	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	39503	1424	40927	37	37	16707	602	17309
285	2045	ALT2	WB	NT	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	35947	1276	37223	47	47	11734	417	12151
286	2045	ALT2	WB	NT	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	36401	1313	37714	46	46	9989	360	10349
287	2045	ALT2	WB	NT	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	33175	1162	34337	51	50	17465	612	18077
288	2045	ALT2	WB	NT	Mainline		Central Ave On-Ramp to Monte	23492	0.05	39977	1228	41205	51	50	2017	62	2079
289	2045	ALT2	WB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	37235	1120	38355	45	45	20851	627	21478
290	2045	ALT2	WB	NT	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1684	22	1706	33	33	906	12	918
291	2045	ALT2	WB	NT	Ramp	ON	Ford St On-Ramp	94684	0.23	2406	49	2455	26	26	543	11	554
292	2045	ALT2	WB	NT	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	796	13	809	32	32	221	4	225
293	2045	ALT2	WB	NT	Ramp	ON	University St On-Ramp	94674	0.21	3036	86	3122	10	10	642	18	660

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
294	2045	ALT2	WB	NT	Ramp	OFF	6th St Off-Ramp	94690	0.26	1535	40	1575	23	23	406	11	417
295	2045	ALT2	WB	NT	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3435	44	3479	8	8	662	8	670
296	2045	ALT2	WB	NT	Ramp	ON	Orange St On-Ramp	2676749	0.16	2211	82	2293	14	14	347	13	360
297	2045	ALT2	WB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	9591	1468	11059	22	22	8292	1269	9561
298	2045	ALT2	WB	NT	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	633	15	648	28	28	43	1	44
299	2045	ALT2	WB	NT	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	570	18	588	33	33	206	7	213
300	2045	ALT2	WB	NT	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4118	99	4217	29	29	4108	99	4207
301	2045	ALT2	WB	NT	Ramp	ON	Alabama St On-Ramp	2676731	0.12	6641	178	6819	12	12	793	21	814
302	2045	ALT2	WB	NT	Ramp	OFF	California St Off-Ramp	94793	0.13	1356	34	1390	30	30	175	4	179
303	2045	ALT2	WB	NT	Ramp	ON	California St On-Ramp	2676730	0.11	4505	123	4628	21	21	516	14	530
304	2045	ALT2	WB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2944	57	3001	18	18	343	7	350
305	2045	ALT2	WB	NT	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	6324	181	6505	13	13	863	25	888
306	2045	ALT2	WB	NT	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1228	25	1253	23	23	267	5	272
307	2045	ALT2	WB	NT	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3704	35	3739	5	5	458	4	462
308	2045	ALT2	WB	NT	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1850	69	1919	19	19	451	17	468
309	2045	ALT2	WB	NT	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	3500	97	3597	6	6	461	13	474
310	2045	ALT2	WB	NT	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	16459	529	16988	16	16	2889	93	2982
311	2045	ALT2	WB	NT	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2591	56	2647	12	12	855	18	873
312	2045	ALT2	WB	NT	Ramp	ON	I-215 NB On-Ramp	24504	0.53	555	13	568	24	24	295	7	302
313	2045	ALT2	WB	NT	Ramp	ON	I-215 SB On-Ramp	24517	0.43	7952	212	8164	29	29	3408	91	3499
314	2045	ALT2	WB	NT	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2964	17	2981	13	13	715	4	719
315	2045	ALT2	WB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2641	65	2706	18	18	694	17	711
316	2045	ALT2	WB	NT	Ramp	OFF	9th St Off-Ramp	94928	0.21	1438	38	1476	24	24	307	8	315
317	2045	ALT2	WB	NT	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1470	40	1510	17	17	460	13	473
318	2045	ALT2	WB	NT	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1506	22	1528	23	23	403	6	409
319	2045	ALT2	WB	NT	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2374	50	2424	18	18	756	16	772
320	2045	ALT2	WB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2544	43	2587	16	16	456	8	464
321	2045	ALT2	WB	NT	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1538	39	1577	17	17	521	13	534
322	2045	ALT2	WB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	3249	81	3330	10	10	347	9	356
323	2045	ALT2	WB	NT	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	4395	122	4517	27	27	1372	38	1410
324	2045	ALT2	WB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	3982	96	4078	24	24	521	13	534
325	2045	ALT2	WB	NT	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3329	116	3445	17	17	1369	48	1417
326	2045	ALT2	WB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	2436	29	2465	17	17	842	10	852
327	2045	ALT2	WB	NT	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1922	71	1993	16	16	696	26	722
328	2045	ALT2	WB	NT	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3718	57	3775	25	25	431	7	438
329	2045	ALT2	WB	NT	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2149	47	2196	19	19	526	12	538
330	2045	ALT2	WB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	3397	67	3464	26	26	367	7	374
331	2045	ALT2	WB	NT	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3456	105	3561	28	28	1033	31	1064
332	2045	ALT2	WB	NT	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	2200	66	2266	33	33	643	19	662
333	2045	ALT2	WB	NT	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2467	109	2576	29	29	852	38	890
334	2045	ALT2	WB	NT	Ramp	OFF	Cherry Off-Ramp	94837	0.13	5360	167	5527	26	26	694	22	716
335	2045	ALT2	WB	NT	Ramp	ON	Cherry On-Ramp	95966	0.28	4939	183	5122	27	27	1382	51	1433
336	2045	ALT2	WB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	2205	138	2343	24	24	1117	70	1187
337	2045	ALT2	WB	NT	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	2818	134	2952	25	25	542	26	568
338	2045	ALT2	WB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	2058	51	2109	27	27	753	19	772
339	2045	ALT2	WB	NT	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6948	451	7399	42	42	1957	127	2084
340	2045	ALT2	WB	NT	Ramp	ON	I-15 SB On-Ramp	23554	0.63	7416	247	7663	29	29	4667	155	4822
341	2045	ALT2	WB	NT	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4847	131	4978	21	21	4860	131	4991
342	2045	ALT2	WB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	2440	196	2636	26	26	491	39	530

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
343	2045	ALT2	WB	NT	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2938	97	3035	9	9	519	17	536
344	2045	ALT2	WB	NT	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2758	184	2942	25	25	483	32	515
345	2045	ALT2	WB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2467	57	2524	12	12	236	5	241
346	2045	ALT2	WB	NT	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	2135	46	2181	14	14	414	9	423
347	2045	ALT2	WB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1989	52	2041	18	18	361	9	370
348	2045	ALT2	WB	NT	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	5232	323	5555	25	25	3015	186	3201
349	2045	ALT2	WB	NT	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	5257	79	5336	19	19	963	14	977
350	2045	ALT2	WB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	4561	81	4642	28	28	1467	26	1493
351	2045	ALT2	WB	NT	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	2058	88	2146	15	15	328	14	342
352	2045	ALT2	WB	NT	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	2083	32	2115	19	19	424	7	431
353	2045	ALT2	WB	NT	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	5316	97	5413	20	20	1345	25	1370
354	2045	ALT2	WB	NT	Ramp	ON	4th St On-Ramp	2731498	0.26	4413	133	4546	15	15	1136	34	1170
355	2045	ALT2	WB	NT	Ramp	OFF	7th St Off-Ramp	94628	0.20	3124	58	3182	11	11	634	12	646
356	2045	ALT2	WB	NT	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1520	27	1547	17	17	362	6	368
357	2045	ALT2	WB	NT	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2552	59	2611	13	13	964	22	986
358	2045	ALT2	WB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3557	147	3704	6	6	495	20	515
359	2045	ALT2	WB	NT	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	3348	37	3385	9	9	680	8	688
360	2045	ALT2	WB	NT	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	3225	151	3376	9	9	430	20	450
361	2045	ALT2	WB	NT	Ramp	ON	Central Ave On-Ramp	2668754	0.12	3264	67	3331	9	9	395	8	403
362	2045	ALT2	WB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2742	108	2850	14	14	620	24	644
363	2045	ALT2	WB	NT	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2722	30	2752	12	12	899	10	909
364	2045	ALT2	WB	NT	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O							50			
365	2045	ALT2	WB	NT	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar							50			
366	2045	ALT2	WB	NT	HOV		Ford St On-Ramp to Cypress Av	2731628	0.50	6418		6418	39	39	3198		3198
367	2045	ALT2	WB	NT	HOV		Cypress Ave Off-Ramp to Unive	2731628	0.75	6418		6418	39	39	4808		4808
368	2045	ALT2	WB	NT	HOV		University St On-Ramp to 6th S	2731628	0.38	6418		6418	39	39	2435		2435
369	2045	ALT2	WB	NT	HOV		6th St Off-Ramp to Orange St L	2731628	0.36	6418		6418	39	39	2308		2308
370	2045	ALT2	WB	NT	HOV		Orange St Loop On-Ramp to Or	2731626	0.37	6499		6499	39	39	2434		2434
371	2045	ALT2	WB	NT	HOV		Orange St On-Ramp to SR-210	2731626	0.17	6499		6499	39	39	1121		1121
372	2045	ALT2	WB	NT	HOV		SR-210 Off-Ramp to Tennessee	2731626	0.27	6499		6499	39	39	1732		1732
373	2045	ALT2	WB	NT	HOV		Tennessee St Off-Ramp to Alab	2731626	0.17	6499		6499	39	39	1134		1134
374	2045	ALT2	WB	NT	HOV		Alabama St Off-Ramp to SR-21	2731626	0.78	6499		6499	39	39	5088		5088
375	2045	ALT2	WB	NT	HOV		SR-210 SB On-Ramp to Alabam	2731626	0.26	6499		6499	39	39	1697		1697
376	2045	ALT2	WB	NT	HOV		Alabama St On-Ramp to Califo	2731626	0.12	6499		6499	39	39	791		791
377	2045	ALT2	WB	NT	HOV		California St Off-Ramp to Calif	2731613	0.86	6499		6499	39	39	5602		5602
378	2045	ALT2	WB	NT	HOV		California St On-Ramp to Mour	2731613	0.19	6499		6499	39	39	1251		1251
379	2045	ALT2	WB	NT	HOV		Mountain View Ave Off-Ramp	2779137	0.22	8132		8132	29	29	1809		1809
380	2045	ALT2	WB	NT	HOV		Mountain View Ave On-Ramp	2779137	0.21	8132		8132	29	29	1681		1681
381	2045	ALT2	WB	NT	HOV		Tippecanoe Ave Off-Ramp to T	2779137	0.76	8132		8132	29	29	6160		6160
382	2045	ALT2	WB	NT	HOV		Tippecanoe Ave On-Ramp to H	2779137	0.11	8132		8132	29	29	907		907
383	2045	ALT2	WB	NT	HOV		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	8132		8132	29	29	3870		3870
384	2045	ALT2	WB	NT	HOV		Hospitality Ln/ Carnegie Dr On	2779137	0.28	8132		8132	29	29	2291		2291
385	2045	ALT2	WB	NT	HOV		I-215 NB Off-Ramp to Sunwest	2779137	0.70	8132		8132	29	29	5713		5713
386	2045	ALT2	WB	NT	HOV		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	8132		8132	29	29	1702		1702
387	2045	ALT2	WB	NT	HOV		I-215 NB On-Ramp to I-215 SB	2779137	0.18	8132		8132	29	29	1488		1488
388	2045	ALT2	WB	NT	HOV		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	8132		8132	29	29	1506		1506
389	2045	ALT2	WB	NT	HOV		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	8132		8132	29	29	5907		5907
390	2045	ALT2	WB	NT	HOV		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	5989		5989	41	41	277		277
391	2045	ALT2	WB	NT	HOV		9th St Off-Ramp to La Cadena I	2779131	0.62	5989		5989	41	41	3710		3710

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Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
392	2045	ALT2	WB	NT	HOV		La Cadena Dr On-Ramp to Ran	2779131	0.09	5989		5989	41	41	528		528
393	2045	ALT2	WB	NT	HOV		Rancho Ave Off-Ramp to Ranch	2779131	0.58	5989		5989	41	41	3499		3499
394	2045	ALT2	WB	NT	HOV		Rancho Ave On-Ramp to Peppe	2779131	0.42	5989		5989	41	41	2495		2495
395	2045	ALT2	WB	NT	HOV		Pepper Ave Off-Ramp to Peppe	2779131	0.59	5989		5989	41	41	3561		3561
396	2045	ALT2	WB	NT	HOV		Pepper Ave On-Ramp to Rivers	2779131	0.17	5989		5989	41	41	1020		1020
397	2045	ALT2	WB	NT	HOV		Riverside Ave Off-Ramp to Rive	2779131	0.59	5989		5989	41	41	3535		3535
398	2045	ALT2	WB	NT	HOV		Riverside Ave On-Ramp to Ced	2779131	0.85	5989		5989	41	41	5106		5106
399	2045	ALT2	WB	NT	HOV		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	5989		5989	41	41	4351		4351
400	2045	ALT2	WB	NT	HOV		Cedar Ave On-Ramp to Alder A	2779131	0.52	5989		5989	41	41	3138		3138
401	2045	ALT2	WB	NT	HOV		Alder Ave Off-Ramp to Alder A	2731555	0.38	5989		5989	41	41	2247		2247
402	2045	ALT2	WB	NT	HOV		Alder Ave On-Ramp to Alder Av	2731555	0.36	5989		5989	41	41	2166		2166
403	2045	ALT2	WB	NT	HOV		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	6525		6525	38	38	4502		4502
404	2045	ALT2	WB	NT	HOV		Sierra Ave On-Ramp to Citrus A	2731555	0.39	6525		6525	38	38	2543		2543
405	2045	ALT2	WB	NT	HOV		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	6525		6525	38	38	3517		3517
406	2045	ALT2	WB	NT	HOV		Citrus Ave On-Ramp to Beach C	2731555	0.42	6525		6525	38	38	2729		2729
407	2045	ALT2	WB	NT	HOV		Beach Ave Off-Ramp to Beach	2731555	0.63	6525		6525	38	38	4115		4115
408	2045	ALT2	WB	NT	HOV		Beach Ave On-Ramp to Cherry	2731555	0.39	6525		6525	38	38	2574		2574
409	2045	ALT2	WB	NT	HOV		Cherry Off-Ramp to Cherry On-	2731555	0.55	6525		6525	38	38	3592		3592
410	2045	ALT2	WB	NT	HOV		Cherry On-Ramp to Etiwanda A	2779119	1.27	5036		5036	46	46	6385		6385
411	2045	ALT2	WB	NT	HOV		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	5036		5036	46	46	3420		3420
412	2045	ALT2	WB	NT	HOV		Etiwanda Ave Loop On-Ramp t	2779119	0.26	5036		5036	46	46	1311		1311
413	2045	ALT2	WB	NT	HOV		Etiwanda Ave On-Ramp to I-15	2779119	0.13	5036		5036	46	46	670		670
414	2045	ALT2	WB	NT	HOV		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	5036		5036	46	46	2857		2857
415	2045	ALT2	WB	NT	HOV		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	5036		5036	46	46	670		670
416	2045	ALT2	WB	NT	HOV		I-15 NB On-Ramp to Milliken A	2779119	0.02	5036		5036	46	46	104		104
417	2045	ALT2	WB	NT	HOV		Milliken Ave Off-Ramp to Millik	2779119	0.58	5036		5036	46	46	2923		2923
418	2045	ALT2	WB	NT	HOV		Milliken Ave On-Ramp to Have	2779119	0.25	5036		5036	46	46	1257		1257
419	2045	ALT2	WB	NT	HOV		Haven Ave Off-Ramp to Haven	2779119	0.41	5036		5036	46	46	2071		2071
420	2045	ALT2	WB	NT	HOV		Haven Ave Loop On-Ramp to H	2779113	0.29	9283		9283	32	32	2680		2680
421	2045	ALT2	WB	NT	HOV		Haven Ave On-Ramp to Archiba	2779113	0.27	9283		9283	32	32	2537		2537
422	2045	ALT2	WB	NT	HOV		Archibald Ave Off-Ramp to Hol	2779113	0.32	9283		9283	32	32	3012		3012
423	2045	ALT2	WB	NT	HOV		Holt Blvd Off-Ramp to Archibal	2779113	0.63	9283		9283	32	32	5808		5808
424	2045	ALT2	WB	NT	HOV		Archibald Ave On-Ramp to Vine	2779113	0.15	9283		9283	32	32	1420		1420
425	2045	ALT2	WB	NT	HOV		Vineyard Ave Off-Ramp to Vine	2779113	0.36	9283		9283	32	32	3356		3356
426	2045	ALT2	WB	NT	HOV		Vineyard Ave Loop On-Ramp to	2779113	0.19	9283		9283	32	32	1767		1767
427	2045	ALT2	WB	NT	HOV		Vineyard Ave On-Ramp to 4th S	2779113	0.36	9283		9283	32	32	3378		3378
428	2045	ALT2	WB	NT	HOV		4th St Off-Ramp to 4th St On-R	2779113	0.39	9283		9283	32	32	3607		3607
429	2045	ALT2	WB	NT	HOV		4th St On-Ramp to 7th St Off-R	2779113	0.26	9283		9283	32	32	2405		2405
430	2045	ALT2	WB	NT	HOV		7th St Off-Ramp to Euclid Ave I	2779107	0.40	6186		6186	43	43	2465		2465
431	2045	ALT2	WB	NT	HOV		Euclid Ave Loop On-Ramp to Eu	2779107	0.36	6186		6186	43	43	2221		2221
432	2045	ALT2	WB	NT	HOV		Euclid Ave On-Ramp to Mounta	2779107	0.42	6186		6186	43	43	2616		2616
433	2045	ALT2	WB	NT	HOV		Mountain Ave Off-Ramp to Mo	2760177	0.33	9303		9303	24	24	3037		3037
434	2045	ALT2	WB	NT	HOV		Mountain Ave On-Ramp to Cer	2760177	0.27	9303		9303	24	24	2553		2553
435	2045	ALT2	WB	NT	HOV		Central Ave Off-Ramp to Centr	2760177	0.53	9303		9303	24	24	4898		4898
436	2045	ALT2	WB	NT	HOV		Central Ave On-Ramp to Mont	2760177	0.05	9303		9303	24	24	469		469
437	2045	ALT2	WB	NT	HOV		Monte Vista Ave Off-Ramp to M	2760177	0.56	9303		9303	24	24	5209		5209
1	2045	ALT3	EB	AM	Mainline		LA County Line to Monte Vista	25707	0.26	22553	1796	24349	53	50	5778	460	6238
2	2045	ALT3	EB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	20838	1765	22603	55	50	14095	1194	15289
3	2045	ALT3	EB	AM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	22738	1823	24561	58	50	664	53	717

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
4	2045	ALT3	EB	AM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	20607	1771	22378	56	50	11787	1013	12800
5	2045	ALT3	EB	AM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	22723	1828	24551	58	50	4726	380	5106
6	2045	ALT3	EB	AM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	19924	1783	21707	57	50	6831	611	7442
7	2045	ALT3	EB	AM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	22548	1851	24399	53	50	10778	885	11663
8	2045	ALT3	EB	AM	Mainline		Euclid Ave Off-Ramp to Euclid /	23438	0.65	20025	1798	21823	56	50	12923	1160	14083
9	2045	ALT3	EB	AM	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	22237	1842	24079	53	50	11383	943	12326
10	2045	ALT3	EB	AM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	18977	1741	20718	57	50	3265	300	3565
11	2045	ALT3	EB	AM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	22678	1800	24478	53	50	7462	592	8054
12	2045	ALT3	EB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	20649	1667	22316	56	50	5048	408	5456
13	2045	ALT3	EB	AM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	24247	1728	25975	60	50	4665	332	4997
14	2045	ALT3	EB	AM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	21066	1491	22557	59	50	7131	505	7636
15	2045	ALT3	EB	AM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	24306	1710	26016	55	50	9482	667	10149
16	2045	ALT3	EB	AM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	25120	1746	26866	54	50	5606	390	5996
17	2045	ALT3	EB	AM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	21792	1594	23386	53	50	9065	663	9728
18	2045	ALT3	EB	AM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	25903	1627	27530	53	50	8087	508	8595
19	2045	ALT3	EB	AM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	26310	1699	28009	57	50	5896	381	6277
20	2045	ALT3	EB	AM	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	22571	1505	24076	57	50	11970	798	12768
21	2045	ALT3	EB	AM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	23639	1610	25249	59	50	1256	86	1342
22	2045	ALT3	EB	AM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	19499	1282	20781	59	50	4842	318	5160
23	2045	ALT3	EB	AM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	15664	1113	16777	59	50	4804	341	5145
24	2045	ALT3	EB	AM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	20614	1345	21959	60	50	4466	291	4757
25	2045	ALT3	EB	AM	Mainline		I-15 SB On-Ramp to Etiwanda /	24162	0.14	20869	1353	22222	58	50	2938	190	3128
26	2045	ALT3	EB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	19234	1199	20433	60	50	24611	1534	26145
27	2045	ALT3	EB	AM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	19778	1265	21043	62	50	18285	1169	19454
28	2045	ALT3	EB	AM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	16889	1054	17943	62	50	10288	642	10930
29	2045	ALT3	EB	AM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	19927	1170	21097	62	50	7103	417	7520
30	2045	ALT3	EB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	18950	1096	20046	62	50	12001	694	12695
31	2045	ALT3	EB	AM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	20549	1140	21689	62	50	9209	511	9720
32	2045	ALT3	EB	AM	Mainline		Citrus Ave Off-Ramp to Citrus /	24532	0.54	19172	1094	20266	60	50	10271	586	10857
33	2045	ALT3	EB	AM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	21260	1130	22390	59	50	9961	529	10490
34	2045	ALT3	EB	AM	Mainline		Sierra Ave Off-Ramp to Sierra /	24384	0.64	18683	1057	19740	58	50	11909	674	12583
35	2045	ALT3	EB	AM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	21373	1089	22462	59	50	6611	337	6948
36	2045	ALT3	EB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	21373	1089	22462	59	50	7920	404	8324
37	2045	ALT3	EB	AM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	21373	1089	22462	59	50	10668	544	11212
38	2045	ALT3	EB	AM	Mainline		Cedar Ave Off-Ramp to Cedar /	24203	0.85	19438	937	20375	58	50	16499	795	17294
39	2045	ALT3	EB	AM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	21049	971	22020	60	50	16744	772	17516
40	2045	ALT3	EB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	18213	891	19104	61	50	10507	514	11021
41	2045	ALT3	EB	AM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	20492	952	21444	60	50	4089	190	4279
42	2045	ALT3	EB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	18676	908	19584	58	50	12321	599	12920
43	2045	ALT3	EB	AM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	19895	928	20823	60	50	5184	242	5426
44	2045	ALT3	EB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	19895	928	20823	60	50	8198	382	8580
45	2045	ALT3	EB	AM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	20484	934	21418	60	50	3678	168	3846
46	2045	ALT3	EB	AM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	19190	891	20081	58	50	10159	472	10631
47	2045	ALT3	EB	AM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	19938	904	20842	60	50	560	25	585
48	2045	ALT3	EB	AM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	18210	877	19087	61	50	11031	531	11562
49	2045	ALT3	EB	AM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	18941	891	19832	60	50	917	43	960
50	2045	ALT3	EB	AM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	14703	749	15452	60	50	13849	705	14554
51	2045	ALT3	EB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	21971	1082	23053	58	50	2408	119	2527
52	2045	ALT3	EB	AM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	28007	1339	29346	56	50	3627	173	3800

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
53	2045	ALT3	EB	AM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	25109	1309	26418	55	50	2729	142	2871
54	2045	ALT3	EB	AM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	22937	1238	24175	52	50	14485	782	15267
55	2045	ALT3	EB	AM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	23663	1271	24934	56	50	6685	359	7044
56	2045	ALT3	EB	AM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	20768	1224	21992	55	50	8392	495	8887
57	2045	ALT3	EB	AM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	21031	1229	22260	62	50	4376	256	4632
58	2045	ALT3	EB	AM	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	18161	1144	19305	61	50	14355	904	15259
59	2045	ALT3	EB	AM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	19286	1186	20472	62	50	3540	218	3758
60	2045	ALT3	EB	AM	Mainline		California St Off-Ramp to Califc	24075	0.84	16604	1123	17727	62	50	13973	945	14918
61	2045	ALT3	EB	AM	Mainline		California St On-Ramp to Alaba	24046	0.18	19228	1142	20370	62	50	3379	201	3580
62	2045	ALT3	EB	AM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	16672	1095	17767	63	50	6528	429	6957
63	2045	ALT3	EB	AM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	13851	996	14847	63	50	2447	176	2623
64	2045	ALT3	EB	AM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	11289	909	12198	62	50	7261	585	7846
65	2045	ALT3	EB	AM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	11751	927	12678	62	50	2332	184	2516
66	2045	ALT3	EB	AM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	16590	1675	18265	61	50	839	85	924
67	2045	ALT3	EB	AM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	13693	1617	15310	61	50	5899	697	6596
68	2045	ALT3	EB	AM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	14427	1638	16065	62	50	4288	487	4775
69	2045	ALT3	EB	AM	Mainline		University St Off-Ramp to Cypr	23724	0.80	12112	1583	13695	61	50	9635	1259	10894
70	2045	ALT3	EB	AM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	12485	1590	14075	63	50	5715	728	6443
71	2045	ALT3	EB	AM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	9328	1559	10887	63	50	6064	1014	7078
72	2045	ALT3	EB	AM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	10240	1574	11814	64	50	6041	929	6970
73	2045	ALT3	EB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1715	31	1746	18	18	324	6	330
74	2045	ALT3	EB	AM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1900	58	1958	13	13	245	7	252
75	2045	ALT3	EB	AM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2131	52	2183	13	13	277	7	284
76	2045	ALT3	EB	AM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2116	57	2173	12	12	396	11	407
77	2045	ALT3	EB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	2081	45	2126	14	14	337	7	344
78	2045	ALT3	EB	AM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2624	68	2692	7	7	306	8	314
79	2045	ALT3	EB	AM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	2524	53	2577	9	9	370	8	378
80	2045	ALT3	EB	AM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2213	44	2257	11	11	774	15	789
81	2045	ALT3	EB	AM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	3046	101	3147	24	24	967	32	999
82	2045	ALT3	EB	AM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3702	59	3761	14	14	871	14	885
83	2045	ALT3	EB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	2030	133	2163	26	26	207	14	221
84	2045	ALT3	EB	AM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	3597	62	3659	27	27	451	8	459
85	2045	ALT3	EB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	3179	238	3417	28	28	925	69	994
86	2045	ALT3	EB	AM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	3239	219	3458	21	21	738	50	788
87	2045	ALT3	EB	AM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	815	36	851	17	17	189	8	197
88	2045	ALT3	EB	AM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	3328	152	3480	20	20	472	22	494
89	2045	ALT3	EB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	889	33	922	17	17	109	4	113
90	2045	ALT3	EB	AM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	406	72	478	19	19	114	20	134
91	2045	ALT3	EB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3739	194	3933	18	18	660	34	694
92	2045	ALT3	EB	AM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	1068	105	1173	16	16	207	20	227
93	2045	ALT3	EB	AM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	4138	329	4467	31	31	4594	365	4959
94	2045	ALT3	EB	AM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	3837	168	4005	19	19	2213	97	2310
95	2045	ALT3	EB	AM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	4951	232	5183	10	10	552	26	578
96	2045	ALT3	EB	AM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	254	8	262	35	35	304	10	314
97	2045	ALT3	EB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1635	154	1789	26	26	321	30	351
98	2045	ALT3	EB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	545	66	611	29	29	195	24	219
99	2045	ALT3	EB	AM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	3136	211	3347	29	29	639	43	682
100	2045	ALT3	EB	AM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	3038	116	3154	28	28	936	36	972
101	2045	ALT3	EB	AM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	977	74	1051	34	34	337	26	363

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
102	2045	ALT3	EB	AM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1599	44	1643	29	29	472	13	485
103	2045	ALT3	EB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	1377	47	1424	33	33	184	6	190
104	2045	ALT3	EB	AM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2089	36	2125	18	18	560	10	570
105	2045	ALT3	EB	AM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	2577	73	2650	25	25	302	9	311
106	2045	ALT3	EB	AM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2690	32	2722	7	7	79	1	80
107	2045	ALT3	EB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	1179	64	1243	23	23	422	23	445
108	2045	ALT3	EB	AM	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1621	22	1643	15	15	557	8	565
109	2045	ALT3	EB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	2556	110	2666	25	25	467	20	487
110	2045	ALT3	EB	AM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1612	34	1646	19	19	663	14	677
111	2045	ALT3	EB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	2838	79	2917	30	30	356	10	366
112	2045	ALT3	EB	AM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	2281	60	2341	18	18	688	18	706
113	2045	ALT3	EB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	1817	43	1860	17	17	555	13	568
114	2045	ALT3	EB	AM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1218	20	1238	17	17	446	7	453
115	2045	ALT3	EB	AM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2045	ALT3	EB	AM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	589	6	595	19	19	187	2	189
117	2045	ALT3	EB	AM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1294	43	1337	22	22	321	11	332
118	2045	ALT3	EB	AM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	748	13	761	19	19	212	4	216
119	2045	ALT3	EB	AM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1331	28	1359	22	22	560	12	572
120	2045	ALT3	EB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	730	14	744	19	19	189	4	193
121	2045	ALT3	EB	AM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	4238	142	4380	33	33	997	33	1030
122	2045	ALT3	EB	AM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	7268	333	7601	25	25	6316	289	6605
123	2045	ALT3	EB	AM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	6035	257	6292	28	28	4575	195	4770
124	2045	ALT3	EB	AM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	2899	29	2928	3	3	264	3	267
125	2045	ALT3	EB	AM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	2172	71	2243	10	10	540	18	558
126	2045	ALT3	EB	AM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	726	33	759	18	18	101	5	106
127	2045	ALT3	EB	AM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2574	47	2621	6	6	648	12	660
128	2045	ALT3	EB	AM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	264	5	269	19	19	27	1	28
129	2045	ALT3	EB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2871	85	2956	8	8	843	25	868
130	2045	ALT3	EB	AM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	1126	41	1167	29	29	257	9	266
131	2045	ALT3	EB	AM	Ramp	OFF	California St Off-Ramp	94801	0.46	2683	62	2745	11	11	1221	28	1249
132	2045	ALT3	EB	AM	Ramp	ON	California St On-Ramp	95942	0.39	446	19	465	29	29	173	7	180
133	2045	ALT3	EB	AM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2556	47	2603	13	13	1108	20	1128
134	2045	ALT3	EB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	2822	99	2921	29	29	2334	82	2416
135	2045	ALT3	EB	AM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2562	87	2649	12	12	879	30	909
136	2045	ALT3	EB	AM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	461	18	479	19	19	49	2	51
137	2045	ALT3	EB	AM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	4839	748	5587	27	27	5136	794	5930
138	2045	ALT3	EB	AM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	2912	58	2970	4	4	259	5	264
139	2045	ALT3	EB	AM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	734	21	755	18	18	217	6	223
140	2045	ALT3	EB	AM	Ramp	OFF	University St Off-Ramp	94695	0.28	2315	55	2370	11	11	647	15	662
141	2045	ALT3	EB	AM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	373	7	380	29	29	113	2	115
142	2045	ALT3	EB	AM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1516	31	1547	26	26	417	9	426
143	2045	ALT3	EB	AM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	911	15	926	29	29	343	6	349
144	2045	ALT3	EB	AM	HOT		LA County Line to Monte Vista	2664669	0.26	5659		5659	60	50	8868		8868
145	2045	ALT3	EB	AM	HOT		Monte Vista Ave Off-Ramp to M	2664669	0.68	5659		5659	60	50	8868		8868
146	2045	ALT3	EB	AM	HOT		Monte Vista Ave/Palo Verde St	2664669	0.03	5659		5659	60	50	8868		8868
147	2045	ALT3	EB	AM	HOT		Central Ave Off-Ramp to Centr	2664669	0.57	5659		5659	60	50	8868		8868
148	2045	ALT3	EB	AM	HOT		Central Ave On-Ramp to Moun	2664669	0.21	5659		5659	60	50	8868		8868
149	2045	ALT3	EB	AM	HOT		Mountain Ave Off-Ramp to Mc	2664669	0.34	5659		5659	60	50	8868		8868
150	2045	ALT3	EB	AM	HOT		Mountain Ave On-Ramp to Euc	2779098	0.48	6377		6377	59	50	10572		10572

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
151	2045	ALT3	EB	AM	HOT		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	6377		6377	59	50	10572		10572
152	2045	ALT3	EB	AM	HOT		Euclid Ave On-Ramp to San Be	2779098	0.51	6377		6377	59	50	10572		10572
153	2045	ALT3	EB	AM	HOT		San Bernardino Ave/4th St Off-	2665612	0.17	6592		6592	61	50	6811		6811
154	2045	ALT3	EB	AM	HOT		San Bernardino Ave/4th St On-	2665612	0.33	6592		6592	61	50	6811		6811
155	2045	ALT3	EB	AM	HOT		Vineyard Ave Off-Ramp to Vine	2665612	0.24	6592		6592	61	50	6811		6811
156	2045	ALT3	EB	AM	HOT		Vineyard Ave On-Ramp to Arch	2665612	0.19	6592		6592	61	50	6811		6811
157	2045	ALT3	EB	AM	HOT		Archibald Ave Off-Ramp to Hol	2665612	0.34	6592		6592	61	50	6811		6811
158	2045	ALT3	EB	AM	HOT		Holt Blvd On-Ramp to Archibal	2665612	0.39	6592		6592	61	50	6811		6811
159	2045	ALT3	EB	AM	HOT		Archibald Ave On-Ramp to Hav	2665612	0.22	6592		6592	61	50	6811		6811
160	2045	ALT3	EB	AM	HOT		Haven Ave Off-Ramp to Haven	2665612	0.42	6592		6592	61	50	6811		6811
161	2045	ALT3	EB	AM	HOT		Haven Ave Loop On-Ramp to H	2778934	0.31	3370		3370	62	50	788		788
162	2045	ALT3	EB	AM	HOT		Haven Ave On-Ramp to Millike	2778934	0.22	3370		3370	62	50	788		788
163	2045	ALT3	EB	AM	HOT		Milliken Ave Off-Ramp to Millil	2778934	0.53	3370		3370	62	50	788		788
164	2045	ALT3	EB	AM	HOT		Milliken Ave Loop On-Ramp to	2778934	0.05	3370		3370	62	50	788		788
165	2045	ALT3	EB	AM	HOT		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	3370		3370	62	50	788		788
166	2045	ALT3	EB	AM	HOT		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	3370		3370	62	50	788		788
167	2045	ALT3	EB	AM	HOT		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	3370		3370	62	50	788		788
168	2045	ALT3	EB	AM	HOT		I-15 SB On-Ramp to Etiwanda /	2778934	0.14	3370		3370	62	50	788		788
169	2045	ALT3	EB	AM	HOT		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	3370		3370	62	50	788		788
170	2045	ALT3	EB	AM	HOT		Etiwanda Ave On-Ramp to Che	2778934	0.92	3370		3370	62	50	788		788
171	2045	ALT3	EB	AM	HOT		Cherry Ave Off-Ramp to Cherry	2760156	0.61	3124		3124	62	50	190		190
172	2045	ALT3	EB	AM	HOT		Cherry Ave On-Ramp to Beach	2760156	0.36	3124		3124	62	50	190		190
173	2045	ALT3	EB	AM	HOT		Beach Ave Off-Ramp to Beach	2760156	0.63	3124		3124	62	50	190		190
174	2045	ALT3	EB	AM	HOT		BeachAve On-Ramp to Citrus A	2760156	0.45	3124		3124	62	50	190		190
175	2045	ALT3	EB	AM	HOT		Citrus Ave Off-Ramp to Citrus /	2760156	0.54	3124		3124	62	50	190		190
176	2045	ALT3	EB	AM	HOT		Citrus Ave On-Ramp to Sierra A	2760156	0.47	3124		3124	62	50	190		190
177	2045	ALT3	EB	AM	HOT		Sierra Ave Off-Ramp to Sierra /	2760156	0.64	3124		3124	62	50	190		190
178	2045	ALT3	EB	AM	HOT		Sierra Ave On-Ramp to Alder A	2760156	0.31	3124		3124	62	50	190		190
179	2045	ALT3	EB	AM	HOT		Alder Ave Off-Ramp to Alder A	2779122	0.37	3124		3124	62	50	749		749
180	2045	ALT3	EB	AM	HOT		Alder Ave On-Ramp to Cedar A	2779122	0.50	3124		3124	62	50	749		749
181	2045	ALT3	EB	AM	HOT		Cedar Ave Off-Ramp to Cedar /	2779122	0.85	2946		2946	62	50	706		706
182	2045	ALT3	EB	AM	HOT		Cedar Ave On-Ramp to Riversic	2779122	0.80	2946		2946	62	50	706		706
183	2045	ALT3	EB	AM	HOT		Riverside Ave Off-Ramp to Rive	2779122	0.58	2946		2946	62	50	706		706
184	2045	ALT3	EB	AM	HOT		Riverside Ave On-Ramp to Pep	2779122	0.20	2946		2946	62	50	706		706
185	2045	ALT3	EB	AM	HOT		Pepper Ave Off-Ramp to Peppe	2779122	0.66	2946		2946	62	50	706		706
186	2045	ALT3	EB	AM	HOT		Pepper Ave On-Ramp to Ranch	2779122	0.26	2946		2946	62	50	706		706
187	2045	ALT3	EB	AM	HOT		Rancho Ave Off-Ramp to Ranch	2779122	0.41	2946		2946	62	50	706		706
188	2045	ALT3	EB	AM	HOT		Rancho Ave On-Ramp to La Ca	2779122	0.18	2946		2946	62	50	706		706
189	2045	ALT3	EB	AM	HOT		La Cadena Dr/9th St Off-Ramp	2779122	0.53	2946		2946	62	50	706		706
190	2045	ALT3	EB	AM	HOT		La Cadena Dr/9th St On-Ramp	2779122	0.03	2946		2946	62	50	706		706
191	2045	ALT3	EB	AM	HOT		Mt Vernon Ave Off-Ramp to M	2779128	0.61	3342		3342	62	50	1740		1740
192	2045	ALT3	EB	AM	HOT		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	3342		3342	62	50	1740		1740
193	2045	ALT3	EB	AM	HOT		I-215 Off-Ramp to I-215 NB On	2779128	0.94	3342		3342	62	50	1740		1740
194	2045	ALT3	EB	AM	HOT		I-215 NB On-Ramp to I-215 SB	2779128	0.11	3342		3342	62	50	1740		1740
195	2045	ALT3	EB	AM	HOT		I-215 SB On-Ramp to Redlands	2779128	0.13	3342		3342	62	50	1740		1740
196	2045	ALT3	EB	AM	HOT		Redlands Blvd Off-Ramp to Wa	2779128	0.11	3342		3342	62	50	1740		1740
197	2045	ALT3	EB	AM	HOT		Waterman Ave Off-Ramp to W	2779128	0.63	3342		3342	62	50	1740		1740
198	2045	ALT3	EB	AM	HOT		Waterman Ave On-Ramp to An	2779128	0.28	3342		3342	62	50	1740		1740
199	2045	ALT3	EB	AM	HOT		Anderson St Off-Ramp to Ande	2760301	0.40	3663		3663	62	50	291		291

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
200	2045	ALT3	EB	AM	HOT		Anderson St On-Ramp to Mour	2760301	0.21	3663		3663	62	50	291		291
201	2045	ALT3	EB	AM	HOT		Mountain View Ave Off-Ramp	2760301	0.79	3663		3663	62	50	291		291
202	2045	ALT3	EB	AM	HOT		Mountain View Ave On-Ramp t	2760301	0.18	3663		3663	62	50	291		291
203	2045	ALT3	EB	AM	HOT		California St Off-Ramp to Califc	2760301	0.84	3663		3663	62	50	291		291
204	2045	ALT3	EB	AM	HOT		California St On-Ramp to Alaba	2731614	0.18	1484		1484	62	50	234		234
205	2045	ALT3	EB	AM	HOT		Alabama St Off-Ramp to SR-21	2731614	0.39	1484		1484	62	50	234		234
206	2045	ALT3	EB	AM	HOT		SR-210 NB Off-Ramp to Tennes	2731614	0.18	1484		1484	62	50	234		234
207	2045	ALT3	EB	AM	HOT		Tennessee St Off-Ramp to Ten	2731614	0.64	1484		1484	62	50	234		234
208	2045	ALT3	EB	AM	HOT		Tennessee St On-Ramp to SR-2	2731614	0.20	1484		1484	62	50	234		234
209	2045	ALT3	EB	AM	HOT		SR-210 SB On-Ramp to Eureka	2731614	0.05	1484		1484	62	50	234		234
210	2045	ALT3	EB	AM	HOT		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	1469		1469	62	50	145		145
211	2045	ALT3	EB	AM	HOT		Pearl Ave On-Ramp to Universi	2760225	0.30	1469		1469	62	50	145		145
212	2045	ALT3	EB	AM	HOT		University St Off-Ramp to Cypr	2760225	0.80	1469		1469	62	50	145		145
213	2045	ALT3	EB	AM	HOT		Cypress Ave On-Ramp to Ford	2760225	0.46	1469		1469	62	50	145		145
214	2045	ALT3	EB	AM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2045	ALT3	EB	AM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
1	2045	ALT3	EB	MD	Mainline		LA County Line to Monte Vista	25707	0.26	38896	4759	43655	56	50	9966	1219	11185
2	2045	ALT3	EB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	35664	4684	40348	57	50	24123	3168	27291
3	2045	ALT3	EB	MD	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	38560	4847	43407	59	50	1126	141	1267
4	2045	ALT3	EB	MD	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	34507	4695	39202	58	50	19737	2685	22422
5	2045	ALT3	EB	MD	Mainline		Central Ave On-Ramp to Moun	23488	0.21	38507	4823	43330	59	50	8009	1003	9012
6	2045	ALT3	EB	MD	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	34560	4704	39264	59	50	11850	1613	13463
7	2045	ALT3	EB	MD	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	38998	4903	43901	56	50	18640	2344	20984
8	2045	ALT3	EB	MD	Mainline		Euclid Ave Off-Ramp to Euclid	23438	0.65	33993	4760	38753	58	50	21937	3072	25009
9	2045	ALT3	EB	MD	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	37398	4892	42290	57	50	19144	2504	21648
10	2045	ALT3	EB	MD	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	31962	4615	36577	59	50	5498	794	6292
11	2045	ALT3	EB	MD	Mainline		San Bernardino Ave/4th St On-	23534	0.33	37110	4789	41899	57	50	12211	1576	13787
12	2045	ALT3	EB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	32884	4441	37325	59	50	8040	1086	9126
13	2045	ALT3	EB	MD	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	38561	4624	43185	62	50	7419	890	8309
14	2045	ALT3	EB	MD	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	33890	4001	37891	61	50	11471	1354	12825
15	2045	ALT3	EB	MD	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	40675	4547	45222	58	50	15868	1774	17642
16	2045	ALT3	EB	MD	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	42464	4668	47132	57	50	9477	1042	10519
17	2045	ALT3	EB	MD	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	37789	4265	42054	55	50	15720	1774	17494
18	2045	ALT3	EB	MD	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	43807	4365	48172	57	50	13677	1363	15040
19	2045	ALT3	EB	MD	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	45546	4547	50093	59	50	10207	1019	11226
20	2045	ALT3	EB	MD	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	39540	4042	43582	58	50	20968	2144	23112
21	2045	ALT3	EB	MD	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	42996	4280	47276	60	50	2284	227	2511
22	2045	ALT3	EB	MD	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	33702	3390	37092	60	50	8369	842	9211
23	2045	ALT3	EB	MD	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	26945	2902	29847	60	50	8264	890	9154
24	2045	ALT3	EB	MD	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	36154	3512	39666	61	50	7833	761	8594
25	2045	ALT3	EB	MD	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	37226	3561	40787	59	50	5240	501	5741
26	2045	ALT3	EB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	35063	3149	38212	61	50	44864	4029	48893
27	2045	ALT3	EB	MD	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	36691	3321	40012	62	50	33921	3070	36991
28	2045	ALT3	EB	MD	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	31750	2767	34517	62	50	19342	1686	21028
29	2045	ALT3	EB	MD	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	36513	3069	39582	62	50	13016	1094	14110
30	2045	ALT3	EB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	34253	2870	37123	63	50	21693	1818	23511
31	2045	ALT3	EB	MD	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	36186	2981	39167	62	50	16216	1336	17552
32	2045	ALT3	EB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	33265	2856	36121	61	50	17821	1530	19351
33	2045	ALT3	EB	MD	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	35960	2954	38914	61	50	16849	1384	18233

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
34	2045	ALT3	EB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	30748	2749	33497	60	50	19600	1752	21352
35	2045	ALT3	EB	MD	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	34649	2836	37485	61	50	10717	877	11594
36	2045	ALT3	EB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	34649	2836	37485	61	50	12840	1051	13891
37	2045	ALT3	EB	MD	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	34649	2836	37485	61	50	17294	1416	18710
38	2045	ALT3	EB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	29674	2460	32134	60	50	25187	2088	27275
39	2045	ALT3	EB	MD	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	31799	2553	34352	62	50	25295	2031	27326
40	2045	ALT3	EB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	27504	2339	29843	62	50	15866	1349	17215
41	2045	ALT3	EB	MD	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	31297	2498	33795	62	50	6246	499	6745
42	2045	ALT3	EB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	27982	2391	30373	61	50	18460	1577	20037
43	2045	ALT3	EB	MD	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	30183	2444	32627	62	50	7865	637	8502
44	2045	ALT3	EB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	30183	2444	32627	62	50	12437	1007	13444
45	2045	ALT3	EB	MD	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	31172	2466	33638	62	50	5598	443	6041
46	2045	ALT3	EB	MD	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	28786	2356	31142	61	50	15239	1247	16486
47	2045	ALT3	EB	MD	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	30363	2391	32754	62	50	852	67	919
48	2045	ALT3	EB	MD	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	26536	2319	28855	62	50	16074	1405	17479
49	2045	ALT3	EB	MD	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	28072	2361	30433	62	50	1359	114	1473
50	2045	ALT3	EB	MD	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	22277	2033	24310	62	50	20983	1915	22898
51	2045	ALT3	EB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	36040	2974	39014	60	50	3950	326	4276
52	2045	ALT3	EB	MD	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	47838	3756	51594	59	50	6194	486	6680
53	2045	ALT3	EB	MD	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	42827	3636	46463	58	50	4655	395	5050
54	2045	ALT3	EB	MD	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	39757	3467	43224	55	50	25106	2189	27295
55	2045	ALT3	EB	MD	Mainline		Waterman Ave On-Ramp to An	24356	0.28	42056	3556	45612	58	50	11882	1005	12887
56	2045	ALT3	EB	MD	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	37189	3387	40576	56	50	15028	1369	16397
57	2045	ALT3	EB	MD	Mainline		Anderson St On-Ramp to Mour	24003	0.21	38956	3401	42357	62	50	8105	708	8813
58	2045	ALT3	EB	MD	Mainline		Mountain View Ave Off-Ramp	23991	0.79	34273	3149	37422	61	50	27090	2489	29579
59	2045	ALT3	EB	MD	Mainline		Mountain View Ave On-Ramp t	24040	0.18	38078	3265	41343	62	50	6989	599	7588
60	2045	ALT3	EB	MD	Mainline		California St Off-Ramp to Califc	24075	0.84	33931	3060	36991	61	50	28554	2575	31129
61	2045	ALT3	EB	MD	Mainline		California St On-Ramp to Alaba	24046	0.18	41673	3109	44782	61	50	7324	546	7870
62	2045	ALT3	EB	MD	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	37252	2970	40222	62	50	14586	1163	15749
63	2045	ALT3	EB	MD	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	31153	2699	33852	62	50	5503	477	5980
64	2045	ALT3	EB	MD	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	26672	2448	29120	61	50	17156	1575	18731
65	2045	ALT3	EB	MD	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	29029	2494	31523	61	50	5760	495	6255
66	2045	ALT3	EB	MD	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	37354	4381	41735	60	50	1890	222	2112
67	2045	ALT3	EB	MD	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	31888	4209	36097	59	50	13736	1813	15549
68	2045	ALT3	EB	MD	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	33814	4264	38078	61	50	10050	1267	11317
69	2045	ALT3	EB	MD	Mainline		University St Off-Ramp to Cypr	23724	0.80	29355	4130	33485	60	50	23352	3285	26637
70	2045	ALT3	EB	MD	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	30352	4153	34505	63	50	13895	1901	15796
71	2045	ALT3	EB	MD	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	22248	4096	26344	63	50	14463	2663	17126
72	2045	ALT3	EB	MD	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	25339	4129	29468	64	50	14949	2436	17385
73	2045	ALT3	EB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	3232	75	3307	19	19	611	14	625
74	2045	ALT3	EB	MD	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	2894	164	3058	15	15	374	21	395
75	2045	ALT3	EB	MD	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	4052	152	4204	14	14	527	20	547
76	2045	ALT3	EB	MD	Ramp	ON	Central Ave On-Ramp	2668755	0.19	4000	128	4128	12	12	749	24	773
77	2045	ALT3	EB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	4141	120	4261	14	14	670	19	689
78	2045	ALT3	EB	MD	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	4437	200	4637	10	10	518	23	541
79	2045	ALT3	EB	MD	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	5005	143	5148	9	9	733	21	754
80	2045	ALT3	EB	MD	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	3404	132	3536	14	14	1191	46	1237
81	2045	ALT3	EB	MD	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	6057	277	6334	24	24	1923	88	2011
82	2045	ALT3	EB	MD	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	5148	174	5322	17	17	1211	41	1252

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
83	2045	ALT3	EB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	4227	347	4574	26	26	430	35	465
84	2045	ALT3	EB	MD	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	5679	182	5861	28	28	711	23	734
85	2045	ALT3	EB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4673	622	5295	31	31	1359	181	1540
86	2045	ALT3	EB	MD	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	6787	545	7332	20	20	1547	124	1671
87	2045	ALT3	EB	MD	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1789	121	1910	17	17	415	28	443
88	2045	ALT3	EB	MD	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	4676	402	5078	24	24	663	57	720
89	2045	ALT3	EB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1643	100	1743	17	17	201	12	213
90	2045	ALT3	EB	MD	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1739	182	1921	17	17	487	51	538
91	2045	ALT3	EB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	6006	504	6510	21	21	1060	89	1149
92	2045	ALT3	EB	MD	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3457	237	3694	12	12	669	46	715
93	2045	ALT3	EB	MD	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	9294	890	10184	30	30	10317	988	11305
94	2045	ALT3	EB	MD	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	6756	489	7245	21	21	3897	282	4179
95	2045	ALT3	EB	MD	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	9208	611	9819	12	12	1027	68	1095
96	2045	ALT3	EB	MD	Ramp	ON	I-15 SB On-Ramp	23557	1.20	1071	49	1120	35	35	1282	59	1341
97	2045	ALT3	EB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	2162	412	2574	27	27	425	81	506
98	2045	ALT3	EB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	1629	171	1800	28	28	583	61	644
99	2045	ALT3	EB	MD	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	6122	554	6676	29	29	1248	113	1361
100	2045	ALT3	EB	MD	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	4763	302	5065	28	28	1468	93	1561
101	2045	ALT3	EB	MD	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	2260	199	2459	33	33	779	69	848
102	2045	ALT3	EB	MD	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1934	110	2044	29	29	571	32	603
103	2045	ALT3	EB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2921	124	3045	33	33	391	17	408
104	2045	ALT3	EB	MD	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2694	98	2792	19	19	723	26	749
105	2045	ALT3	EB	MD	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	5212	205	5417	25	25	611	24	635
106	2045	ALT3	EB	MD	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3901	87	3988	13	13	114	3	117
107	2045	ALT3	EB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2711	165	2876	21	21	971	59	1030
108	2045	ALT3	EB	MD	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	2435	59	2494	17	17	836	20	856
109	2045	ALT3	EB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	5016	269	5285	25	25	917	49	966
110	2045	ALT3	EB	MD	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2125	93	2218	19	19	874	38	912
111	2045	ALT3	EB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	4295	214	4509	32	32	539	27	566
112	2045	ALT3	EB	MD	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	3793	159	3952	18	18	1144	48	1192
113	2045	ALT3	EB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	3315	107	3422	19	19	1012	33	1045
114	2045	ALT3	EB	MD	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	2201	53	2254	17	17	805	19	824
115	2045	ALT3	EB	MD	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2045	ALT3	EB	MD	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	989	22	1011	19	19	315	7	322
117	2045	ALT3	EB	MD	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	2386	110	2496	23	23	592	27	619
118	2045	ALT3	EB	MD	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	1577	35	1612	19	19	446	10	456
119	2045	ALT3	EB	MD	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	2198	72	2270	23	23	924	30	954
120	2045	ALT3	EB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1536	42	1578	19	19	399	11	410
121	2045	ALT3	EB	MD	Ramp	OFF	I-215 Off-Ramp	24444	0.24	5795	328	6123	34	34	1363	77	1440
122	2045	ALT3	EB	MD	Ramp	ON	I-215 NB On-Ramp	24630	0.87	13763	941	14704	26	26	11961	818	12779
123	2045	ALT3	EB	MD	Ramp	ON	I-215 SB On-Ramp	24516	0.76	11798	782	12580	28	28	8944	593	9537
124	2045	ALT3	EB	MD	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	5012	119	5131	6	6	456	11	467
125	2045	ALT3	EB	MD	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	3070	169	3239	17	17	764	42	806
126	2045	ALT3	EB	MD	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2299	89	2388	16	16	320	12	332
127	2045	ALT3	EB	MD	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	4322	169	4491	10	10	1089	43	1132
128	2045	ALT3	EB	MD	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1767	14	1781	17	17	182	1	183
129	2045	ALT3	EB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	4683	252	4935	15	15	1376	74	1450
130	2045	ALT3	EB	MD	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	3805	116	3921	29	29	867	26	893
131	2045	ALT3	EB	MD	Ramp	OFF	California St Off-Ramp	94801	0.46	4147	205	4352	19	19	1888	93	1981

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
132	2045	ALT3	EB	MD	Ramp	ON	California St On-Ramp	95942	0.39	1936	48	1984	28	28	750	19	769
133	2045	ALT3	EB	MD	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	4422	138	4560	18	18	1918	60	1978
134	2045	ALT3	EB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	6098	272	6370	29	29	5044	225	5269
135	2045	ALT3	EB	MD	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	4481	251	4732	16	16	1537	86	1623
136	2045	ALT3	EB	MD	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2357	46	2403	17	17	250	5	255
137	2045	ALT3	EB	MD	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	8325	1887	10212	27	27	8836	2003	10839
138	2045	ALT3	EB	MD	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	5326	172	5498	6	6	474	15	489
139	2045	ALT3	EB	MD	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1925	56	1981	17	17	570	17	587
140	2045	ALT3	EB	MD	Ramp	OFF	University St Off-Ramp	94695	0.28	4458	135	4593	12	12	1246	38	1284
141	2045	ALT3	EB	MD	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	997	23	1020	29	29	302	7	309
142	2045	ALT3	EB	MD	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3834	58	3892	22	22	1054	16	1070
143	2045	ALT3	EB	MD	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	3091	33	3124	29	29	1164	12	1176
144	2045	ALT3	EB	MD	HOT		LA County Line to Monte Vista	2664669	0.26	14131		14131	58	50	3621		3621
145	2045	ALT3	EB	MD	HOT		Monte Vista Ave Off-Ramp to M	2664669	0.68	14131		14131	58	50	9558		9558
146	2045	ALT3	EB	MD	HOT		Monte Vista Ave/Palo Verde St	2664669	0.03	14131		14131	58	50	412		412
147	2045	ALT3	EB	MD	HOT		Central Ave Off-Ramp to Centr	2664669	0.57	14131		14131	58	50	8083		8083
148	2045	ALT3	EB	MD	HOT		Central Ave On-Ramp to Moun	2664669	0.21	14131		14131	58	50	2939		2939
149	2045	ALT3	EB	MD	HOT		Mountain Ave Off-Ramp to Mc	2664669	0.34	14131		14131	58	50	4845		4845
150	2045	ALT3	EB	MD	HOT		Mountain Ave On-Ramp to Euc	2779098	0.48	13936		13936	58	50	6661		6661
151	2045	ALT3	EB	MD	HOT		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	13936		13936	58	50	8993		8993
152	2045	ALT3	EB	MD	HOT		Euclid Ave On-Ramp to San Be	2779098	0.51	13936		13936	58	50	7134		7134
153	2045	ALT3	EB	MD	HOT		San Bernardino Ave/4th St Off-	2665612	0.17	13315		13315	61	50	2291		2291
154	2045	ALT3	EB	MD	HOT		San Bernardino Ave/4th St On-	2665612	0.33	13315		13315	61	50	4381		4381
155	2045	ALT3	EB	MD	HOT		Vineyard Ave Off-Ramp to Vine	2665612	0.24	13315		13315	61	50	3255		3255
156	2045	ALT3	EB	MD	HOT		Vineyard Ave On-Ramp to Arch	2665612	0.19	13315		13315	61	50	2562		2562
157	2045	ALT3	EB	MD	HOT		Archibald Ave Off-Ramp to Hol	2665612	0.34	13315		13315	61	50	4507		4507
158	2045	ALT3	EB	MD	HOT		Holt Blvd On-Ramp to Archibal	2665612	0.39	13315		13315	61	50	5194		5194
159	2045	ALT3	EB	MD	HOT		Archibald Ave On-Ramp to Hav	2665612	0.22	13315		13315	61	50	2972		2972
160	2045	ALT3	EB	MD	HOT		Haven Ave Off-Ramp to Haven	2665612	0.42	13315		13315	61	50	5539		5539
161	2045	ALT3	EB	MD	HOT		Haven Ave Loop On-Ramp to H	2778934	0.31	8941		8941	61	50	2791		2791
162	2045	ALT3	EB	MD	HOT		Haven Ave On-Ramp to Millike	2778934	0.22	8941		8941	61	50	2004		2004
163	2045	ALT3	EB	MD	HOT		Milliken Ave Off-Ramp to Milli	2778934	0.53	8941		8941	61	50	4741		4741
164	2045	ALT3	EB	MD	HOT		Milliken Ave Loop On-Ramp to	2778934	0.05	8941		8941	61	50	475		475
165	2045	ALT3	EB	MD	HOT		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	8941		8941	61	50	2220		2220
166	2045	ALT3	EB	MD	HOT		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	8941		8941	61	50	2742		2742
167	2045	ALT3	EB	MD	HOT		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	8941		8941	61	50	1937		1937
168	2045	ALT3	EB	MD	HOT		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	8941		8941	61	50	1259		1259
169	2045	ALT3	EB	MD	HOT		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	8941		8941	61	50	11440		11440
170	2045	ALT3	EB	MD	HOT		Etiwanda Ave On-Ramp to Che	2778934	0.92	8941		8941	61	50	8266		8266
171	2045	ALT3	EB	MD	HOT		Cherry Ave Off-Ramp to Cherry	2760156	0.61	7759		7759	61	50	4727		4727
172	2045	ALT3	EB	MD	HOT		Cherry Ave On-Ramp to Beach	2760156	0.36	7759		7759	61	50	2766		2766
173	2045	ALT3	EB	MD	HOT		Beach Ave Off-Ramp to Beach	2760156	0.63	7759		7759	61	50	4914		4914
174	2045	ALT3	EB	MD	HOT		BeachAve On-Ramp to Citrus A	2760156	0.45	7759		7759	61	50	3477		3477
175	2045	ALT3	EB	MD	HOT		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	7759		7759	61	50	4157		4157
176	2045	ALT3	EB	MD	HOT		Citrus Ave On-Ramp to Sierra A	2760156	0.47	7759		7759	61	50	3635		3635
177	2045	ALT3	EB	MD	HOT		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	7759		7759	61	50	4946		4946
178	2045	ALT3	EB	MD	HOT		Sierra Ave On-Ramp to Alder A	2760156	0.31	7759		7759	61	50	2400		2400
179	2045	ALT3	EB	MD	HOT		Alder Ave Off-Ramp to Alder A	2779122	0.37	7759		7759	61	50	2875		2875
180	2045	ALT3	EB	MD	HOT		Alder Ave On-Ramp to Cedar A	2779122	0.50	7759		7759	61	50	3873		3873

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
181	2045	ALT3	EB	MD	HOT		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	7443		7443	62	50	6318		6318
182	2045	ALT3	EB	MD	HOT		Cedar Ave On-Ramp to Riversic	2779122	0.80	7443		7443	62	50	5921		5921
183	2045	ALT3	EB	MD	HOT		Riverside Ave Off-Ramp to Rive	2779122	0.58	7443		7443	62	50	4294		4294
184	2045	ALT3	EB	MD	HOT		Riverside Ave On-Ramp to Pep	2779122	0.20	7443		7443	62	50	1485		1485
185	2045	ALT3	EB	MD	HOT		Pepper Ave Off-Ramp to Peppe	2779122	0.66	7443		7443	62	50	4910		4910
186	2045	ALT3	EB	MD	HOT		Pepper Ave On-Ramp to Ranch	2779122	0.26	7443		7443	62	50	1939		1939
187	2045	ALT3	EB	MD	HOT		Rancho Ave Off-Ramp to Ranch	2779122	0.41	7443		7443	62	50	3067		3067
188	2045	ALT3	EB	MD	HOT		Rancho Ave On-Ramp to La Ca	2779122	0.18	7443		7443	62	50	1337		1337
189	2045	ALT3	EB	MD	HOT		La Cadena Dr/9th St Off-Ramp	2779122	0.53	7443		7443	62	50	3940		3940
190	2045	ALT3	EB	MD	HOT		La Cadena Dr/9th St On-Ramp	2779122	0.03	7443		7443	62	50	209		209
191	2045	ALT3	EB	MD	HOT		Mt Vernon Ave Off-Ramp to M	2779128	0.61	9072		9072	61	50	5495		5495
192	2045	ALT3	EB	MD	HOT		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	9072		9072	61	50	439		439
193	2045	ALT3	EB	MD	HOT		I-215 Off-Ramp to I-215 NB On	2779128	0.94	9072		9072	61	50	8545		8545
194	2045	ALT3	EB	MD	HOT		I-215 NB On-Ramp to I-215 SB	2779128	0.11	9072		9072	61	50	994		994
195	2045	ALT3	EB	MD	HOT		I-215 SB On-Ramp to Redlands	2779128	0.13	9072		9072	61	50	1175		1175
196	2045	ALT3	EB	MD	HOT		Redlands Blvd Off-Ramp to Wa	2779128	0.11	9072		9072	61	50	986		986
197	2045	ALT3	EB	MD	HOT		Waterman Ave Off-Ramp to W	2779128	0.63	9072		9072	61	50	5729		5729
198	2045	ALT3	EB	MD	HOT		Waterman Ave On-Ramp to An	2779128	0.28	9072		9072	61	50	2563		2563
199	2045	ALT3	EB	MD	HOT		Anderson St Off-Ramp to Ande	2760301	0.40	9618		9618	60	50	3887		3887
200	2045	ALT3	EB	MD	HOT		Anderson St On-Ramp to Mour	2760301	0.21	9618		9618	60	50	2001		2001
201	2045	ALT3	EB	MD	HOT		Mountain View Ave Off-Ramp t	2760301	0.79	9618		9618	60	50	7602		7602
202	2045	ALT3	EB	MD	HOT		Mountain View Ave On-Ramp t	2760301	0.18	9618		9618	60	50	1765		1765
203	2045	ALT3	EB	MD	HOT		California St Off-Ramp to Califc	2760301	0.84	9618		9618	60	50	8094		8094
204	2045	ALT3	EB	MD	HOT		California St On-Ramp to Alaba	2731614	0.18	3810		3810	61	50	670		670
205	2045	ALT3	EB	MD	HOT		Alabama St Off-Ramp to SR-21	2731614	0.39	3810		3810	61	50	1492		1492
206	2045	ALT3	EB	MD	HOT		SR-210 NB Off-Ramp to Tennes	2731614	0.18	3810		3810	61	50	673		673
207	2045	ALT3	EB	MD	HOT		Tennessee St Off-Ramp to Ten	2731614	0.64	3810		3810	61	50	2451		2451
208	2045	ALT3	EB	MD	HOT		Tennessee St On-Ramp to SR-2	2731614	0.20	3810		3810	61	50	756		756
209	2045	ALT3	EB	MD	HOT		SR-210 SB On-Ramp to Eureka	2731614	0.05	3810		3810	61	50	193		193
210	2045	ALT3	EB	MD	HOT		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	3950		3950	61	50	1702		1702
211	2045	ALT3	EB	MD	HOT		Pearl Ave On-Ramp to Universi	2760225	0.30	3950		3950	61	50	1174		1174
212	2045	ALT3	EB	MD	HOT		University St Off-Ramp to Cypr	2760225	0.80	3950		3950	61	50	3142		3142
213	2045	ALT3	EB	MD	HOT		Cypress Ave On-Ramp to Ford S	2760225	0.46	3950		3950	61	50	1808		1808
214	2045	ALT3	EB	MD	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2045	ALT3	EB	MD	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
1	2045	ALT3	EB	PM	Mainline		LA County Line to Monte Vista	25707	0.26	36710	1184	37894	46	46	9406	303	9709
2	2045	ALT3	EB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	34325	1163	35488	50	50	23217	787	24004
3	2045	ALT3	EB	PM	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	37483	1276	38759	54	50	1094	37	1131
4	2045	ALT3	EB	PM	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	34570	1216	35786	49	49	19773	696	20469
5	2045	ALT3	EB	PM	Mainline		Central Ave On-Ramp to Moun	23488	0.21	37777	1291	39068	53	50	7857	269	8126
6	2045	ALT3	EB	PM	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	34364	1246	35610	50	50	11783	427	12210
7	2045	ALT3	EB	PM	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	37744	1415	39159	42	42	18041	676	18717
8	2045	ALT3	EB	PM	Mainline		Euclid Ave Off-Ramp to Euclid A	23438	0.65	34007	1370	35377	50	50	21946	884	22830
9	2045	ALT3	EB	PM	Mainline		Euclid Ave On-Ramp to San Be	23449	0.51	36762	1441	38203	45	45	18818	738	19556
10	2045	ALT3	EB	PM	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	31205	1337	32542	53	50	5368	230	5598
11	2045	ALT3	EB	PM	Mainline		San Bernardino Ave/4th St On-	23534	0.33	34730	1437	36167	49	49	11428	473	11901
12	2045	ALT3	EB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	31624	1307	32931	53	50	7732	320	8052
13	2045	ALT3	EB	PM	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	38273	1488	39761	57	50	7363	286	7649
14	2045	ALT3	EB	PM	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	33621	1366	34987	55	50	11380	462	11842

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
15	2045	ALT3	EB	PM	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	39440	1624	41064	49	49	15386	634	16020
16	2045	ALT3	EB	PM	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	41616	1669	43285	45	45	9288	372	9660
17	2045	ALT3	EB	PM	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	39033	1559	40592	35	35	16237	649	16886
18	2045	ALT3	EB	PM	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	42085	1618	43703	44	44	13139	505	13644
19	2045	ALT3	EB	PM	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	45231	1731	46962	49	49	10137	388	10525
20	2045	ALT3	EB	PM	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	41713	1558	43271	45	45	22121	826	22947
21	2045	ALT3	EB	PM	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	45066	1646	46712	49	49	2394	87	2481
22	2045	ALT3	EB	PM	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	36690	1464	38154	52	50	9111	364	9475
23	2045	ALT3	EB	PM	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	31212	1225	32437	52	50	9573	376	9949
24	2045	ALT3	EB	PM	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	38869	1822	40691	54	50	8421	395	8816
25	2045	ALT3	EB	PM	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	39698	1845	41543	48	48	5588	260	5848
26	2045	ALT3	EB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	37752	1698	39450	48	48	48305	2173	50478
27	2045	ALT3	EB	PM	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	40088	1845	41933	55	50	37061	1706	38767
28	2045	ALT3	EB	PM	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	36434	1703	38137	51	50	22195	1037	23232
29	2045	ALT3	EB	PM	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	42017	1927	43944	52	50	14978	687	15665
30	2045	ALT3	EB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	39368	1846	41214	55	50	24933	1169	26102
31	2045	ALT3	EB	PM	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	41318	1913	43231	53	50	18516	857	19373
32	2045	ALT3	EB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	37093	1842	38935	49	49	19872	987	20859
33	2045	ALT3	EB	PM	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	39473	1912	41385	50	50	18495	896	19391
34	2045	ALT3	EB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	33954	1805	35759	49	49	21643	1151	22794
35	2045	ALT3	EB	PM	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	37457	1862	39319	53	50	11586	576	12162
36	2045	ALT3	EB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	37457	1862	39319	53	50	13881	690	14571
37	2045	ALT3	EB	PM	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	37457	1862	39319	53	50	18696	929	19625
38	2045	ALT3	EB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	33048	1716	34764	51	50	28051	1457	29508
39	2045	ALT3	EB	PM	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	35157	1795	36952	55	50	27966	1428	29394
40	2045	ALT3	EB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	29685	1615	31300	58	50	17125	932	18057
41	2045	ALT3	EB	PM	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	33915	1712	35627	56	50	6768	342	7110
42	2045	ALT3	EB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	30935	1666	32601	53	50	20408	1099	21507
43	2045	ALT3	EB	PM	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	32467	1699	34166	57	50	8460	443	8903
44	2045	ALT3	EB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	32467	1699	34166	57	50	13378	700	14078
45	2045	ALT3	EB	PM	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	33079	1711	34790	57	50	5940	307	6247
46	2045	ALT3	EB	PM	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	31166	1642	32808	53	50	16499	869	17368
47	2045	ALT3	EB	PM	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	33167	1668	34835	57	50	931	47	978
48	2045	ALT3	EB	PM	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	28965	1624	30589	59	50	17545	984	18529
49	2045	ALT3	EB	PM	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	30713	1657	32370	57	50	1487	80	1567
50	2045	ALT3	EB	PM	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	22765	1379	24144	58	50	21443	1299	22742
51	2045	ALT3	EB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	34389	1743	36132	54	50	3769	191	3960
52	2045	ALT3	EB	PM	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	43141	2354	45495	50	50	5586	305	5891
53	2045	ALT3	EB	PM	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	39590	2288	41878	47	47	4304	249	4553
54	2045	ALT3	EB	PM	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	37596	2139	39735	37	37	23742	1351	25093
55	2045	ALT3	EB	PM	Mainline		Waterman Ave On-Ramp to An	24356	0.28	40043	2181	42224	46	46	11313	616	11929
56	2045	ALT3	EB	PM	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	36735	2096	38831	40	40	14844	847	15691
57	2045	ALT3	EB	PM	Mainline		Anderson St On-Ramp to Mour	24003	0.21	38983	2103	41086	55	50	8111	438	8549
58	2045	ALT3	EB	PM	Mainline		Mountain View Ave Off-Ramp	23991	0.79	35730	1987	37717	52	50	28242	1571	29813
59	2045	ALT3	EB	PM	Mainline		Mountain View Ave On-Ramp t	24040	0.18	40509	2053	42562	54	50	7436	377	7813
60	2045	ALT3	EB	PM	Mainline		California St Off-Ramp to Califc	24075	0.84	37828	1919	39747	47	47	31834	1615	33449
61	2045	ALT3	EB	PM	Mainline		California St On-Ramp to Alaba	24046	0.18	46312	1948	48260	40	40	8139	342	8481
62	2045	ALT3	EB	PM	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	43185	1859	45044	49	49	16909	728	17637
63	2045	ALT3	EB	PM	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	34641	1727	36368	54	50	6119	305	6424

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
64	2045	ALT3	EB	PM	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	31396	1610	33006	53	50	20195	1036	21231
65	2045	ALT3	EB	PM	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	33803	1625	35428	50	50	6707	322	7029
66	2045	ALT3	EB	PM	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	42432	2606	45038	42	42	2147	132	2279
67	2045	ALT3	EB	PM	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	38105	2510	40615	36	36	16414	1081	17495
68	2045	ALT3	EB	PM	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	39934	2537	42471	48	48	11869	754	12623
69	2045	ALT3	EB	PM	Mainline		University St Off-Ramp to Cypr	23724	0.80	36470	2500	38970	42	42	29012	1989	31001
70	2045	ALT3	EB	PM	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	38156	2521	40677	56	50	17467	1154	18621
71	2045	ALT3	EB	PM	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	34561	2504	37065	52	50	22468	1628	24096
72	2045	ALT3	EB	PM	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	39311	2565	41876	58	50	23192	1513	24705
73	2045	ALT3	EB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	2384	21	2405	18	18	451	4	455
74	2045	ALT3	EB	PM	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	3158	113	3271	9	9	408	15	423
75	2045	ALT3	EB	PM	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2913	60	2973	13	13	379	8	387
76	2045	ALT3	EB	PM	Ramp	ON	Central Ave On-Ramp	2668755	0.19	3207	75	3282	9	9	601	14	615
77	2045	ALT3	EB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3410	46	3456	9	9	552	7	559
78	2045	ALT3	EB	PM	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	3379	169	3548	7	7	394	20	414
79	2045	ALT3	EB	PM	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	3737	45	3782	6	6	548	7	555
80	2045	ALT3	EB	PM	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2755	71	2826	12	12	964	25	989
81	2045	ALT3	EB	PM	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	5440	104	5544	20	20	1727	33	1760
82	2045	ALT3	EB	PM	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	3525	100	3625	17	17	829	24	853
83	2045	ALT3	EB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	3106	130	3236	26	26	316	13	329
84	2045	ALT3	EB	PM	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	6648	181	6829	24	24	833	23	856
85	2045	ALT3	EB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4653	121	4774	28	28	1353	35	1388
86	2045	ALT3	EB	PM	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	5820	258	6078	15	15	1327	59	1386
87	2045	ALT3	EB	PM	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	2176	45	2221	14	14	505	10	515
88	2045	ALT3	EB	PM	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2582	111	2693	26	26	366	16	382
89	2045	ALT3	EB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1909	60	1969	15	15	233	7	240
90	2045	ALT3	EB	PM	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	3146	112	3258	8	8	880	31	911
91	2045	ALT3	EB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	3519	172	3691	23	23	621	30	651
92	2045	ALT3	EB	PM	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	3353	88	3441	7	7	649	17	666
93	2045	ALT3	EB	PM	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	8375	183	8558	28	28	9297	203	9500
94	2045	ALT3	EB	PM	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	5478	239	5717	17	17	3160	138	3298
95	2045	ALT3	EB	PM	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	7656	597	8253	4	4	854	67	921
96	2045	ALT3	EB	PM	Ramp	ON	I-15 SB On-Ramp	23557	1.20	828	24	852	35	35	991	29	1020
97	2045	ALT3	EB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	1946	147	2093	27	27	382	29	411
98	2045	ALT3	EB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	2336	147	2483	26	26	836	53	889
99	2045	ALT3	EB	PM	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	5700	142	5842	24	24	1162	29	1191
100	2045	ALT3	EB	PM	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	5583	224	5807	26	26	1720	69	1789
101	2045	ALT3	EB	PM	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	2648	82	2730	32	32	913	28	941
102	2045	ALT3	EB	PM	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	1950	67	2017	29	29	576	20	596
103	2045	ALT3	EB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	4226	71	4297	29	29	566	10	576
104	2045	ALT3	EB	PM	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	2379	71	2450	18	18	638	19	657
105	2045	ALT3	EB	PM	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	5519	107	5626	19	19	647	13	660
106	2045	ALT3	EB	PM	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	3503	57	3560	7	7	103	2	105
107	2045	ALT3	EB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2623	55	2678	16	16	939	20	959
108	2045	ALT3	EB	PM	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1804	33	1837	16	16	619	11	630
109	2045	ALT3	EB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	5477	124	5601	19	19	1001	23	1024
110	2045	ALT3	EB	PM	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	2109	79	2188	19	19	867	32	899
111	2045	ALT3	EB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	5472	180	5652	25	25	686	23	709
112	2045	ALT3	EB	PM	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	4230	97	4327	16	16	1276	29	1305

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
113	2045	ALT3	EB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2980	46	3026	13	13	910	14	924
114	2045	ALT3	EB	PM	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1533	32	1565	17	17	561	12	573
115	2045	ALT3	EB	PM	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2045	ALT3	EB	PM	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	612	12	624	19	19	195	4	199
117	2045	ALT3	EB	PM	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1913	69	1982	21	21	474	17	491
118	2045	ALT3	EB	PM	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	2002	26	2028	19	19	566	7	573
119	2045	ALT3	EB	PM	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	2067	43	2110	20	20	869	18	887
120	2045	ALT3	EB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	1748	33	1781	19	19	454	9	463
121	2045	ALT3	EB	PM	Ramp	OFF	I-215 Off-Ramp	24444	0.24	7949	277	8226	33	33	1870	65	1935
122	2045	ALT3	EB	PM	Ramp	ON	I-215 NB On-Ramp	24630	0.87	11624	364	11988	21	21	10102	316	10418
123	2045	ALT3	EB	PM	Ramp	ON	I-215 SB On-Ramp	24516	0.76	8752	611	9363	27	27	6635	463	7098
124	2045	ALT3	EB	PM	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3551	66	3617	5	5	323	6	329
125	2045	ALT3	EB	PM	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	1995	149	2144	17	17	496	37	533
126	2045	ALT3	EB	PM	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	2448	42	2490	12	12	340	6	346
127	2045	ALT3	EB	PM	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	2995	85	3080	9	9	754	21	775
128	2045	ALT3	EB	PM	Ramp	ON	Anderson St On-Ramp	2668189	0.10	2247	7	2254	13	13	231	1	232
129	2045	ALT3	EB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	3252	117	3369	14	14	955	34	989
130	2045	ALT3	EB	PM	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	4779	66	4845	27	27	1089	15	1104
131	2045	ALT3	EB	PM	Ramp	OFF	California St Off-Ramp	94801	0.46	2681	134	2815	20	20	1220	61	1281
132	2045	ALT3	EB	PM	Ramp	ON	California St On-Ramp	95942	0.39	2866	29	2895	26	26	1110	11	1121
133	2045	ALT3	EB	PM	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	3127	89	3216	16	16	1356	39	1395
134	2045	ALT3	EB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	8544	132	8676	27	27	7068	109	7177
135	2045	ALT3	EB	PM	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	3245	117	3362	14	14	1113	40	1153
136	2045	ALT3	EB	PM	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	2407	15	2422	14	14	255	2	257
137	2045	ALT3	EB	PM	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	8629	981	9610	25	25	9158	1041	10199
138	2045	ALT3	EB	PM	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	3958	96	4054	4	4	353	9	362
139	2045	ALT3	EB	PM	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1829	27	1856	16	16	542	8	550
140	2045	ALT3	EB	PM	Ramp	OFF	University St Off-Ramp	94695	0.28	3464	37	3501	8	8	968	10	978
141	2045	ALT3	EB	PM	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	1687	21	1708	28	28	510	6	516
142	2045	ALT3	EB	PM	Ramp	OFF	Ford St Off-Ramp	94682	0.27	3541	16	3557	12	12	973	4	977
143	2045	ALT3	EB	PM	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	4752	60	4812	27	27	1790	23	1813
144	2045	ALT3	EB	PM	HOT		LA County Line to Monte Vista	2664669	0.26	14744		14744	50	50	23105		23105
145	2045	ALT3	EB	PM	HOT		Monte Vista Ave Off-Ramp to M	2664669	0.68	14744		14744	50	50	23105		23105
146	2045	ALT3	EB	PM	HOT		Monte Vista Ave/Palo Verde St	2664669	0.03	14744		14744	50	50	23105		23105
147	2045	ALT3	EB	PM	HOT		Central Ave Off-Ramp to Centr	2664669	0.57	14744		14744	50	50	23105		23105
148	2045	ALT3	EB	PM	HOT		Central Ave On-Ramp to Moun	2664669	0.21	14744		14744	50	50	23105		23105
149	2045	ALT3	EB	PM	HOT		Mountain Ave Off-Ramp to Mc	2664669	0.34	14744		14744	50	50	23105		23105
150	2045	ALT3	EB	PM	HOT		Mountain Ave On-Ramp to Euc	2779098	0.48	14746		14746	50	50	24447		24447
151	2045	ALT3	EB	PM	HOT		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	14746		14746	50	50	24447		24447
152	2045	ALT3	EB	PM	HOT		Euclid Ave On-Ramp to San Ber	2779098	0.51	14746		14746	50	50	24447		24447
153	2045	ALT3	EB	PM	HOT		San Bernardino Ave/4th St Off-	2665612	0.17	14862		14862	55	50	15356		15356
154	2045	ALT3	EB	PM	HOT		San Bernardino Ave/4th St On-	2665612	0.33	14862		14862	55	50	15356		15356
155	2045	ALT3	EB	PM	HOT		Vineyard Ave Off-Ramp to Vine	2665612	0.24	14862		14862	55	50	15356		15356
156	2045	ALT3	EB	PM	HOT		Vineyard Ave On-Ramp to Arch	2665612	0.19	14862		14862	55	50	15356		15356
157	2045	ALT3	EB	PM	HOT		Archibald Ave Off-Ramp to Hol	2665612	0.34	14862		14862	55	50	15356		15356
158	2045	ALT3	EB	PM	HOT		Holt Blvd On-Ramp to Archibal	2665612	0.39	14862		14862	55	50	15356		15356
159	2045	ALT3	EB	PM	HOT		Archibald Ave On-Ramp to Hav	2665612	0.22	14862		14862	55	50	15356		15356
160	2045	ALT3	EB	PM	HOT		Haven Ave Off-Ramp to Haven	2665612	0.42	14862		14862	55	50	15356		15356
161	2045	ALT3	EB	PM	HOT		Haven Ave Loop On-Ramp to H	2778934	0.31	13720		13720	50	50	3207		3207

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
162	2045	ALT3	EB	PM	HOT		Haven Ave On-Ramp to Millike	2778934	0.22	13720		13720	50	50	3207		3207
163	2045	ALT3	EB	PM	HOT		Milliken Ave Off-Ramp to Millil	2778934	0.53	13720		13720	50	50	3207		3207
164	2045	ALT3	EB	PM	HOT		Milliken Ave Loop On-Ramp to	2778934	0.05	13720		13720	50	50	3207		3207
165	2045	ALT3	EB	PM	HOT		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	13720		13720	50	50	3207		3207
166	2045	ALT3	EB	PM	HOT		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	13720		13720	50	50	3207		3207
167	2045	ALT3	EB	PM	HOT		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	13720		13720	50	50	3207		3207
168	2045	ALT3	EB	PM	HOT		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	13720		13720	50	50	3207		3207
169	2045	ALT3	EB	PM	HOT		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	13720		13720	50	50	3207		3207
170	2045	ALT3	EB	PM	HOT		Etiwanda Ave On-Ramp to Che	2778934	0.92	13720		13720	50	50	3207		3207
171	2045	ALT3	EB	PM	HOT		Cherry Ave Off-Ramp to Cherry	2760156	0.61	11674		11674	54	50	711		711
172	2045	ALT3	EB	PM	HOT		Cherry Ave On-Ramp to Beach	2760156	0.36	11674		11674	54	50	711		711
173	2045	ALT3	EB	PM	HOT		Beach Ave Off-Ramp to Beach	2760156	0.63	11674		11674	54	50	711		711
174	2045	ALT3	EB	PM	HOT		BeachAve On-Ramp to Citrus A	2760156	0.45	11674		11674	54	50	711		711
175	2045	ALT3	EB	PM	HOT		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	11674		11674	54	50	711		711
176	2045	ALT3	EB	PM	HOT		Citrus Ave On-Ramp to Sierra A	2760156	0.47	11674		11674	54	50	711		711
177	2045	ALT3	EB	PM	HOT		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	11674		11674	54	50	711		711
178	2045	ALT3	EB	PM	HOT		Sierra Ave On-Ramp to Alder A	2760156	0.31	11674		11674	54	50	711		711
179	2045	ALT3	EB	PM	HOT		Alder Ave Off-Ramp to Alder A	2779122	0.37	11674		11674	54	50	2797		2797
180	2045	ALT3	EB	PM	HOT		Alder Ave On-Ramp to Cedar A	2779122	0.50	11674		11674	54	50	2797		2797
181	2045	ALT3	EB	PM	HOT		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	9787		9787	57	50	2345		2345
182	2045	ALT3	EB	PM	HOT		Cedar Ave On-Ramp to Riversic	2779122	0.80	9787		9787	57	50	2345		2345
183	2045	ALT3	EB	PM	HOT		Riverside Ave Off-Ramp to Rive	2779122	0.58	9787		9787	57	50	2345		2345
184	2045	ALT3	EB	PM	HOT		Riverside Ave On-Ramp to Pep	2779122	0.20	9787		9787	57	50	2345		2345
185	2045	ALT3	EB	PM	HOT		Pepper Ave Off-Ramp to Peppe	2779122	0.66	9787		9787	57	50	2345		2345
186	2045	ALT3	EB	PM	HOT		Pepper Ave On-Ramp to Ranch	2779122	0.26	9787		9787	57	50	2345		2345
187	2045	ALT3	EB	PM	HOT		Rancho Ave Off-Ramp to Ranch	2779122	0.41	9787		9787	57	50	2345		2345
188	2045	ALT3	EB	PM	HOT		Rancho Ave On-Ramp to La Ca	2779122	0.18	9787		9787	57	50	2345		2345
189	2045	ALT3	EB	PM	HOT		La Cadena Dr/9th St Off-Ramp	2779122	0.53	9787		9787	57	50	2345		2345
190	2045	ALT3	EB	PM	HOT		La Cadena Dr/9th St On-Ramp	2779122	0.03	9787		9787	57	50	2345		2345
191	2045	ALT3	EB	PM	HOT		Mt Vernon Ave Off-Ramp to M	2779128	0.61	11923		11923	53	50	6209		6209
192	2045	ALT3	EB	PM	HOT		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	11923		11923	53	50	6209		6209
193	2045	ALT3	EB	PM	HOT		I-215 Off-Ramp to I-215 NB On	2779128	0.94	11923		11923	53	50	6209		6209
194	2045	ALT3	EB	PM	HOT		I-215 NB On-Ramp to I-215 SB	2779128	0.11	11923		11923	53	50	6209		6209
195	2045	ALT3	EB	PM	HOT		I-215 SB On-Ramp to Redlands	2779128	0.13	11923		11923	53	50	6209		6209
196	2045	ALT3	EB	PM	HOT		Redlands Blvd Off-Ramp to Wa	2779128	0.11	11923		11923	53	50	6209		6209
197	2045	ALT3	EB	PM	HOT		Waterman Ave Off-Ramp to W	2779128	0.63	11923		11923	53	50	6209		6209
198	2045	ALT3	EB	PM	HOT		Waterman Ave On-Ramp to An	2779128	0.28	11923		11923	53	50	6209		6209
199	2045	ALT3	EB	PM	HOT		Anderson St Off-Ramp to Ande	2760301	0.40	12237		12237	53	50	971		971
200	2045	ALT3	EB	PM	HOT		Anderson St On-Ramp to Mour	2760301	0.21	12237		12237	53	50	971		971
201	2045	ALT3	EB	PM	HOT		Mountain View Ave Off-Ramp t	2760301	0.79	12237		12237	53	50	971		971
202	2045	ALT3	EB	PM	HOT		Mountain View Ave On-Ramp t	2760301	0.18	12237		12237	53	50	971		971
203	2045	ALT3	EB	PM	HOT		California St Off-Ramp to Califc	2760301	0.84	12237		12237	53	50	971		971
204	2045	ALT3	EB	PM	HOT		California St On-Ramp to Alaba	2731614	0.18	6619		6619	46	46	1044		1044
205	2045	ALT3	EB	PM	HOT		Alabama St Off-Ramp to SR-21	2731614	0.39	6619		6619	46	46	1044		1044
206	2045	ALT3	EB	PM	HOT		SR-210 NB Off-Ramp to Tennes	2731614	0.18	6619		6619	46	46	1044		1044
207	2045	ALT3	EB	PM	HOT		Tennessee St Off-Ramp to Ten	2731614	0.64	6619		6619	46	46	1044		1044
208	2045	ALT3	EB	PM	HOT		Tennessee St On-Ramp to SR-2	2731614	0.20	6619		6619	46	46	1044		1044
209	2045	ALT3	EB	PM	HOT		SR-210 SB On-Ramp to Eureka	2731614	0.05	6619		6619	46	46	1044		1044
210	2045	ALT3	EB	PM	HOT		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	6988		6988	43	43	688		688

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
211	2045	ALT3	EB	PM	HOT		Pearl Ave On-Ramp to Universi	2760225	0.30	6988		6988	43	43	688		688
212	2045	ALT3	EB	PM	HOT		University St Off-Ramp to Cypr	2760225	0.80	6988		6988	43	43	688		688
213	2045	ALT3	EB	PM	HOT		Cypress Ave On-Ramp to Ford S	2760225	0.46	6988		6988	43	43	688		688
214	2045	ALT3	EB	PM	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2045	ALT3	EB	PM	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
1	2045	ALT3	EB	NT	Mainline		LA County Line to Monte Vista	25707	0.26	28905	9332	38237	62	50	7406	2391	9797
2	2045	ALT3	EB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23517	0.68	27365	9263	36628	62	50	18510	6265	24775
3	2045	ALT3	EB	NT	Mainline		Monte Vista Ave/Palo Verde St	23500	0.03	28676	9367	38043	63	50	837	273	1110
4	2045	ALT3	EB	NT	Mainline		Central Ave Off-Ramp to Centr	23493	0.57	25791	9221	35012	62	50	14752	5274	20026
5	2045	ALT3	EB	NT	Mainline		Central Ave On-Ramp to Moun	23488	0.21	28265	9349	37614	63	50	5879	1944	7823
6	2045	ALT3	EB	NT	Mainline		Mountain Ave Off-Ramp to Mc	2778899	0.34	25559	9222	34781	63	50	8764	3162	11926
7	2045	ALT3	EB	NT	Mainline		Mountain Ave On-Ramp to Euc	23423	0.48	28506	9403	37909	62	50	13625	4494	18119
8	2045	ALT3	EB	NT	Mainline		Euclid Ave Off-Ramp to Euclid A	23438	0.65	23556	9198	32754	63	50	15202	5936	21138
9	2045	ALT3	EB	NT	Mainline		Euclid Ave On-Ramp to San Ber	23449	0.51	25702	9312	35014	62	50	13157	4767	17924
10	2045	ALT3	EB	NT	Mainline		San Bernardino Ave/4th St Off-	23472	0.17	23143	9086	32229	63	50	3981	1563	5544
11	2045	ALT3	EB	NT	Mainline		San Bernardino Ave/4th St On-	23534	0.33	25725	9205	34930	62	50	8465	3029	11494
12	2045	ALT3	EB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23539	0.24	24005	8892	32897	63	50	5869	2174	8043
13	2045	ALT3	EB	NT	Mainline		Vineyard Ave On-Ramp to Arch	23566	0.19	26689	9007	35696	64	50	5135	1733	6868
14	2045	ALT3	EB	NT	Mainline		Archibald Ave Off-Ramp to Hol	23602	0.34	22049	8609	30658	64	50	7463	2914	10377
15	2045	ALT3	EB	NT	Mainline		Holt Blvd On-Ramp to Archibal	1656570	0.39	26653	9212	35865	63	50	10397	3594	13991
16	2045	ALT3	EB	NT	Mainline		Archibald Ave On-Ramp to Hav	23595	0.22	27940	9308	37248	63	50	6236	2077	8313
17	2045	ALT3	EB	NT	Mainline		Haven Ave Off-Ramp to Haven	23605	0.42	25645	8929	34574	62	50	10668	3714	14382
18	2045	ALT3	EB	NT	Mainline		Haven Ave Loop On-Ramp to H	23613	0.31	28042	9038	37080	63	50	8755	2822	11577
19	2045	ALT3	EB	NT	Mainline		Haven Ave On-Ramp to Millike	85494	0.22	29181	9234	38415	63	50	6540	2069	8609
20	2045	ALT3	EB	NT	Mainline		Milliken Ave Off-Ramp to Millik	23622	0.53	26800	8799	35599	63	50	14212	4666	18878
21	2045	ALT3	EB	NT	Mainline		Milliken Ave Loop On-Ramp to	23574	0.05	29116	9085	38201	63	50	1547	483	2030
22	2045	ALT3	EB	NT	Mainline		I-15 NB Off-Ramp to I-15 SB Of	23436	0.25	21703	4670	26373	64	50	5389	1160	6549
23	2045	ALT3	EB	NT	Mainline		I-15 SB Off-Ramp to I-15 NB Or	2758720	0.31	17700	4088	21788	63	50	5429	1254	6683
24	2045	ALT3	EB	NT	Mainline		I-15 NB On-Ramp to I-15 SB On	23617	0.22	23058	4538	27596	63	50	4996	983	5979
25	2045	ALT3	EB	NT	Mainline		I-15 SB On-Ramp to Etiwanda A	24162	0.14	23693	4584	28277	63	50	3335	645	3980
26	2045	ALT3	EB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	23981	1.28	22965	4239	27204	64	50	29384	5424	34808
27	2045	ALT3	EB	NT	Mainline		Etiwanda Ave On-Ramp to Che	23816	0.92	23721	4383	28104	64	50	21930	4052	25982
28	2045	ALT3	EB	NT	Mainline		Cherry Ave Off-Ramp to Cherry	23654	0.61	19261	3829	23090	64	50	11733	2333	14066
29	2045	ALT3	EB	NT	Mainline		Cherry Ave On-Ramp to Beach	24233	0.36	22051	4096	26147	64	50	7860	1460	9320
30	2045	ALT3	EB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661433	0.63	21255	3972	25227	64	50	13461	2516	15977
31	2045	ALT3	EB	NT	Mainline		BeachAve On-Ramp to Citrus A	2661435	0.45	22146	4068	26214	64	50	9924	1823	11747
32	2045	ALT3	EB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24532	0.54	20057	3964	24021	64	50	10745	2124	12869
33	2045	ALT3	EB	NT	Mainline		Citrus Ave On-Ramp to Sierra A	24503	0.47	21519	4050	25569	64	50	10083	1898	11981
34	2045	ALT3	EB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24384	0.64	18209	3839	22048	64	50	11607	2447	14054
35	2045	ALT3	EB	NT	Mainline		Sierra Ave On-Ramp to Alder A	24273	0.31	20300	3910	24210	64	50	6279	1209	7488
36	2045	ALT3	EB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2778947	0.37	20300	3910	24210	64	50	7523	1449	8972
37	2045	ALT3	EB	NT	Mainline		Alder Ave On-Ramp to Cedar A	2661439	0.50	20300	3910	24210	64	50	10132	1952	12084
38	2045	ALT3	EB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	24203	0.85	16931	3550	20481	64	50	14371	3013	17384
39	2045	ALT3	EB	NT	Mainline		Cedar Ave On-Ramp to Riversic	23787	0.80	17974	3612	21586	64	50	14298	2873	17171
40	2045	ALT3	EB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23860	0.58	16214	3466	19680	64	50	9353	1999	11352
41	2045	ALT3	EB	NT	Mainline		Riverside Ave On-Ramp to Pep	23895	0.20	18293	3613	21906	64	50	3651	721	4372
42	2045	ALT3	EB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23812	0.66	16010	3512	19522	64	50	10562	2317	12879
43	2045	ALT3	EB	NT	Mainline		Pepper Ave On-Ramp to Ranch	23683	0.26	17207	3564	20771	64	50	4484	929	5413
44	2045	ALT3	EB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	2734289	0.41	17207	3564	20771	64	50	7090	1469	8559

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
45	2045	ALT3	EB	NT	Mainline		Rancho Ave On-Ramp to La Ca	24048	0.18	17674	3576	21250	64	50	3174	642	3816
46	2045	ALT3	EB	NT	Mainline		La Cadena Dr/9th St Off-Ramp	24316	0.53	16041	3449	19490	64	50	8492	1826	10318
47	2045	ALT3	EB	NT	Mainline		La Cadena Dr/9th St On-Ramp	24643	0.03	16790	3480	20270	64	50	471	98	569
48	2045	ALT3	EB	NT	Mainline		Mt Vernon Ave Off-Ramp to M	24479	0.61	15565	3428	18993	64	50	9428	2076	11504
49	2045	ALT3	EB	NT	Mainline		Mt Vernon Ave On-Ramp to I-2	24449	0.05	16274	3461	19735	64	50	788	168	956
50	2045	ALT3	EB	NT	Mainline		I-215 Off-Ramp to I-215 NB On	24443	0.94	14257	3232	17489	64	50	13429	3044	16473
51	2045	ALT3	EB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24280	0.11	23355	4162	27517	64	50	2560	456	3016
52	2045	ALT3	EB	NT	Mainline		I-215 SB On-Ramp to Redlands	24315	0.13	31208	5193	36401	63	50	4041	672	4713
53	2045	ALT3	EB	NT	Mainline		Redlands Blvd Off-Ramp to Wa	2668188	0.11	27498	4839	32337	63	50	2989	526	3515
54	2045	ALT3	EB	NT	Mainline		Waterman Ave Off-Ramp to W	24347	0.63	27361	4819	32180	62	50	17278	3043	20321
55	2045	ALT3	EB	NT	Mainline		Waterman Ave On-Ramp to An	24356	0.28	28873	4907	33780	63	50	8157	1386	9543
56	2045	ALT3	EB	NT	Mainline		Anderson St Off-Ramp to Ande	2778960	0.40	23781	4652	28433	63	50	9610	1880	11490
57	2045	ALT3	EB	NT	Mainline		Anderson St On-Ramp to Mour	24003	0.21	24906	4665	29571	64	50	5182	971	6153
58	2045	ALT3	EB	NT	Mainline		Mountain View Ave Off-Ramp t	23991	0.79	22487	4460	26947	64	50	17774	3525	21299
59	2045	ALT3	EB	NT	Mainline		Mountain View Ave On-Ramp t	24040	0.18	25359	4573	29932	64	50	4655	839	5494
60	2045	ALT3	EB	NT	Mainline		California St Off-Ramp to Califc	24075	0.84	23492	4345	27837	64	50	19769	3656	23425
61	2045	ALT3	EB	NT	Mainline		California St On-Ramp to Alaba	24046	0.18	27091	4389	31480	64	50	4761	771	5532
62	2045	ALT3	EB	NT	Mainline		Alabama St Off-Ramp to SR-21	24167	0.39	24142	4187	28329	64	50	9453	1639	11092
63	2045	ALT3	EB	NT	Mainline		SR-210 NB Off-Ramp to Tennes	24159	0.18	21041	4007	25048	64	50	3717	708	4425
64	2045	ALT3	EB	NT	Mainline		Tennessee St Off-Ramp to Ten	24106	0.64	18330	3784	22114	64	50	11790	2434	14224
65	2045	ALT3	EB	NT	Mainline		Tennessee St On-Ramp to SR-2	24199	0.20	19980	3826	23806	63	50	3964	759	4723
66	2045	ALT3	EB	NT	Mainline		SR-210 SB On-Ramp to Eureka	24175	0.05	23741	4680	28421	64	50	1201	237	1438
67	2045	ALT3	EB	NT	Mainline		Eureka St/Pearl Ave Off-Ramp	2778979	0.43	20430	4495	24925	63	50	8801	1936	10737
68	2045	ALT3	EB	NT	Mainline		Pearl Ave On-Ramp to Universi	23706	0.30	21754	4538	26292	64	50	6466	1349	7815
69	2045	ALT3	EB	NT	Mainline		University St Off-Ramp to Cypr	23724	0.80	18106	4407	22513	64	50	14403	3506	17909
70	2045	ALT3	EB	NT	Mainline		Cypress Ave On-Ramp to Ford	23642	0.46	18807	4422	23229	64	50	8610	2024	10634
71	2045	ALT3	EB	NT	Mainline		Ford St Off-Ramp to Redlands I	23665	0.65	14777	4383	19160	64	50	9607	2849	12456
72	2045	ALT3	EB	NT	Mainline		Redlands Blvd On-Ramp to Wa	23686	0.59	16009	4407	20416	65	50	9445	2600	12045
73	2045	ALT3	EB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94645	0.19	1540	69	1609	28	28	291	13	304
74	2045	ALT3	EB	NT	Ramp	ON	Monte Vista Ave/Palo Verde St	2668758	0.13	1311	104	1415	19	19	169	13	182
75	2045	ALT3	EB	NT	Ramp	OFF	Central Ave Off-Ramp	94639	0.13	2885	146	3031	25	25	375	19	394
76	2045	ALT3	EB	NT	Ramp	ON	Central Ave On-Ramp	2668755	0.19	2474	128	2602	18	18	463	24	487
77	2045	ALT3	EB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94636	0.16	3322	127	3449	24	24	537	21	558
78	2045	ALT3	EB	NT	Ramp	ON	Mountain Ave On-Ramp	2668751	0.12	2947	181	3128	18	18	344	21	365
79	2045	ALT3	EB	NT	Ramp	OFF	Euclid Ave Off-Ramp	94625	0.15	4950	205	5155	20	20	725	30	755
80	2045	ALT3	EB	NT	Ramp	ON	Euclid Ave On-Ramp	129041	0.35	2146	114	2260	18	18	751	40	791
81	2045	ALT3	EB	NT	Ramp	OFF	San Bernardino Ave/4th St Off-	2731499	0.32	3877	227	4104	28	28	1231	72	1303
82	2045	ALT3	EB	NT	Ramp	ON	San Bernardino Ave/4th St On-	2731500	0.24	2581	119	2700	19	19	607	28	635
83	2045	ALT3	EB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94652	0.10	1720	313	2033	29	29	175	32	207
84	2045	ALT3	EB	NT	Ramp	ON	Vineyard Ave On-Ramp	2668738	0.13	2683	116	2799	30	30	336	15	351
85	2045	ALT3	EB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94661	0.29	4639	399	5038	33	33	1349	116	1465
86	2045	ALT3	EB	NT	Ramp	ON	Holt Blvd On-Ramp	2668736	0.23	4604	603	5207	27	27	1049	137	1186
87	2045	ALT3	EB	NT	Ramp	ON	Archibald Ave On-Ramp	2668732	0.23	1288	96	1384	19	19	299	22	321
88	2045	ALT3	EB	NT	Ramp	OFF	Haven Ave Off-Ramp	94666	0.14	2295	379	2674	29	29	326	54	380
89	2045	ALT3	EB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668725	0.12	1095	109	1204	19	19	134	13	147
90	2045	ALT3	EB	NT	Ramp	ON	Haven Ave On-Ramp	2668726	0.28	1139	196	1335	19	19	319	55	374
91	2045	ALT3	EB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94670	0.18	2381	435	2816	28	28	420	77	497
92	2045	ALT3	EB	NT	Ramp	ON	Milliken Ave Loop On-Ramp	2668717	0.19	2316	286	2602	17	17	448	55	503
93	2045	ALT3	EB	NT	Ramp	OFF	I-15 NB Off-Ramp	23437	1.11	7412	4415	11827	31	31	8228	4901	13129

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
94	2045	ALT3	EB	NT	Ramp	OFF	I-15 SB Off-Ramp	23497	0.58	4004	582	4586	31	31	2309	336	2645
95	2045	ALT3	EB	NT	Ramp	ON	I-15 NB On-Ramp	2669338	0.11	5360	449	5809	30	30	598	50	648
96	2045	ALT3	EB	NT	Ramp	ON	I-15 SB On-Ramp	23557	1.20	634	47	681	35	35	759	56	815
97	2045	ALT3	EB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94774	0.20	729	345	1074	29	29	143	68	211
98	2045	ALT3	EB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668711	0.36	756	144	900	30	30	270	52	322
99	2045	ALT3	EB	NT	Ramp	OFF	Cherry Ave Off-Ramp	94681	0.20	4879	554	5433	33	33	995	113	1108
100	2045	ALT3	EB	NT	Ramp	ON	Cherry Ave On-Ramp	95965	0.31	2790	267	3057	29	29	860	82	942
101	2045	ALT3	EB	NT	Ramp	OFF	Beach Ave Off-Ramp (Future)	2731636	0.34	798	123	921	35	35	275	42	317
102	2045	ALT3	EB	NT	Ramp	ON	Beach Ave On-Ramp (Future)	2731638	0.30	891	96	987	30	30	263	28	291
103	2045	ALT3	EB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94912	0.13	2088	105	2193	34	34	279	14	293
104	2045	ALT3	EB	NT	Ramp	ON	Citrus Ave On-Ramp	95897	0.27	1461	87	1548	20	20	392	23	415
105	2045	ALT3	EB	NT	Ramp	OFF	Sierra Ave Off-Ramp	94878	0.12	3310	212	3522	29	29	388	25	413
106	2045	ALT3	EB	NT	Ramp	ON	Sierra Ave On-Ramp	2668696	0.03	2090	72	2162	18	18	61	2	63
107	2045	ALT3	EB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731644	0.36	2078	169	2247	26	26	744	61	805
108	2045	ALT3	EB	NT	Ramp	ON	Alder Ave On-Ramp (Future)	2731645	0.34	1413	51	1464	19	19	485	18	503
109	2045	ALT3	EB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94831	0.18	3374	244	3618	29	29	617	45	662
110	2045	ALT3	EB	NT	Ramp	ON	Cedar Ave On-Ramp	94688	0.41	1042	63	1105	20	20	428	26	454
111	2045	ALT3	EB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94735	0.13	1760	146	1906	34	34	221	18	239
112	2045	ALT3	EB	NT	Ramp	ON	Riverside Ave On-Ramp	129084	0.30	2079	147	2226	20	20	627	44	671
113	2045	ALT3	EB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94720	0.31	2284	101	2385	26	26	698	31	729
114	2045	ALT3	EB	NT	Ramp	ON	Pepper Ave On-Ramp	129094	0.37	1198	52	1250	19	19	438	19	457
115	2045	ALT3	EB	NT	Ramp	OFF	Rancho Ave Off-Ramp (No Ramp in Future)							50			
116	2045	ALT3	EB	NT	Ramp	ON	Rancho Ave On-Ramp	95955	0.32	467	12	479	20	20	149	4	153
117	2045	ALT3	EB	NT	Ramp	OFF	La Cadena Dr/9th St Off-Ramp	94858	0.25	1633	127	1760	27	27	405	31	436
118	2045	ALT3	EB	NT	Ramp	ON	La Cadena Dr/9th St On-Ramp	95920	0.28	749	31	780	20	20	212	9	221
119	2045	ALT3	EB	NT	Ramp	OFF	Mt Vernon Ave Off-Ramp	94900	0.42	1183	52	1235	28	28	497	22	519
120	2045	ALT3	EB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94898	0.26	709	32	741	20	20	184	8	192
121	2045	ALT3	EB	NT	Ramp	OFF	I-215 Off-Ramp	24444	0.24	2018	228	2246	35	35	475	54	529
122	2045	ALT3	EB	NT	Ramp	ON	I-215 NB On-Ramp	24630	0.87	9098	930	10028	33	33	7907	808	8715
123	2045	ALT3	EB	NT	Ramp	ON	I-215 SB On-Ramp	24516	0.76	7853	1031	8884	33	33	5953	782	6735
124	2045	ALT3	EB	NT	Ramp	OFF	Redlands Blvd Off-Ramp	2668187	0.09	3710	355	4065	20	20	337	32	369
125	2045	ALT3	EB	NT	Ramp	OFF	Waterman Ave Off-Ramp	129103	0.25	137	20	157	30	30	34	5	39
126	2045	ALT3	EB	NT	Ramp	ON	Waterman Ave On-Ramp	129105	0.14	1512	88	1600	19	19	210	12	222
127	2045	ALT3	EB	NT	Ramp	OFF	Anderson St Off-Ramp	94860	0.25	3511	255	3766	21	21	884	64	948
128	2045	ALT3	EB	NT	Ramp	ON	Anderson St On-Ramp	2668189	0.10	1124	13	1137	19	19	116	1	117
129	2045	ALT3	EB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94778	0.29	2418	205	2623	31	31	710	60	770
130	2045	ALT3	EB	NT	Ramp	ON	Mountain View Ave On-Ramp	95938	0.23	2872	113	2985	29	29	655	26	681
131	2045	ALT3	EB	NT	Ramp	OFF	California St Off-Ramp	94801	0.46	1867	228	2095	32	32	850	104	954
132	2045	ALT3	EB	NT	Ramp	ON	California St On-Ramp	95942	0.39	1326	43	1369	29	29	514	17	531
133	2045	ALT3	EB	NT	Ramp	OFF	Alabama St Off-Ramp	94821	0.43	2950	201	3151	30	30	1279	87	1366
134	2045	ALT3	EB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24160	0.83	3100	181	3281	30	30	2564	150	2714
135	2045	ALT3	EB	NT	Ramp	OFF	Tennessee St Off-Ramp	94807	0.34	2711	223	2934	31	31	930	77	1007
136	2045	ALT3	EB	NT	Ramp	ON	Tennessee St On-Ramp	2676733	0.11	1648	43	1691	19	19	175	5	180
137	2045	ALT3	EB	NT	Ramp	ON	SR-210 SB On-Ramp	24139	1.06	3761	854	4615	29	29	3992	906	4898
138	2045	ALT3	EB	NT	Ramp	OFF	Eureka St/Pearl Ave Off-Ramp	94825	0.09	3207	184	3391	24	24	286	16	302
139	2045	ALT3	EB	NT	Ramp	ON	Pearl Ave On-Ramp	94694	0.30	1325	42	1367	19	19	393	12	405
140	2045	ALT3	EB	NT	Ramp	OFF	University St Off-Ramp	94695	0.28	3649	130	3779	23	23	1020	36	1056
141	2045	ALT3	EB	NT	Ramp	ON	Cypress Ave On-Ramp	94676	0.30	701	15	716	30	30	212	5	217
142	2045	ALT3	EB	NT	Ramp	OFF	Ford St Off-Ramp	94682	0.27	1648	39	1687	33	33	453	11	464

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
143	2045	ALT3	EB	NT	Ramp	ON	Redlands Blvd On-Ramp	94683	0.38	1232	24	1256	30	30	464	9	473
144	2045	ALT3	EB	NT	HOT		LA County Line to Monte Vista	2664669	0.26	7418		7418	63	50	1901		1901
145	2045	ALT3	EB	NT	HOT		Monte Vista Ave Off-Ramp to M	2664669	0.68	7418		7418	63	50	5018		5018
146	2045	ALT3	EB	NT	HOT		Monte Vista Ave/Palo Verde St	2664669	0.03	7418		7418	63	50	217		217
147	2045	ALT3	EB	NT	HOT		Central Ave Off-Ramp to Centr	2664669	0.57	7418		7418	63	50	4243		4243
148	2045	ALT3	EB	NT	HOT		Central Ave On-Ramp to Moun	2664669	0.21	7418		7418	63	50	1543		1543
149	2045	ALT3	EB	NT	HOT		Mountain Ave Off-Ramp to Mc	2664669	0.34	7418		7418	63	50	2543		2543
150	2045	ALT3	EB	NT	HOT		Mountain Ave On-Ramp to Euc	2779098	0.48	6803		6803	64	50	3252		3252
151	2045	ALT3	EB	NT	HOT		Euclid Ave Off-Ramp to Euclid /	2779098	0.65	6803		6803	64	50	4390		4390
152	2045	ALT3	EB	NT	HOT		Euclid Ave On-Ramp to San Ber	2779098	0.51	6803		6803	64	50	3482		3482
153	2045	ALT3	EB	NT	HOT		San Bernardino Ave/4th St Off-	2665612	0.17	5483		5483	64	50	943		943
154	2045	ALT3	EB	NT	HOT		San Bernardino Ave/4th St On-	2665612	0.33	5483		5483	64	50	1804		1804
155	2045	ALT3	EB	NT	HOT		Vineyard Ave Off-Ramp to Vine	2665612	0.24	5483		5483	64	50	1340		1340
156	2045	ALT3	EB	NT	HOT		Vineyard Ave On-Ramp to Arch	2665612	0.19	5483		5483	64	50	1055		1055
157	2045	ALT3	EB	NT	HOT		Archibald Ave Off-Ramp to Hol	2665612	0.34	5483		5483	64	50	1856		1856
158	2045	ALT3	EB	NT	HOT		Holt Blvd On-Ramp to Archibal	2665612	0.39	5483		5483	64	50	2139		2139
159	2045	ALT3	EB	NT	HOT		Archibald Ave On-Ramp to Hav	2665612	0.22	5483		5483	64	50	1224		1224
160	2045	ALT3	EB	NT	HOT		Haven Ave Off-Ramp to Haven	2665612	0.42	5483		5483	64	50	2281		2281
161	2045	ALT3	EB	NT	HOT		Haven Ave Loop On-Ramp to H	2778934	0.31	4181		4181	64	50	1305		1305
162	2045	ALT3	EB	NT	HOT		Haven Ave On-Ramp to Millike	2778934	0.22	4181		4181	64	50	937		937
163	2045	ALT3	EB	NT	HOT		Milliken Ave Off-Ramp to Millik	2778934	0.53	4181		4181	64	50	2217		2217
164	2045	ALT3	EB	NT	HOT		Milliken Ave Loop On-Ramp to	2778934	0.05	4181		4181	64	50	222		222
165	2045	ALT3	EB	NT	HOT		I-15 NB Off-Ramp to I-15 SB Of	2778934	0.25	4181		4181	64	50	1038		1038
166	2045	ALT3	EB	NT	HOT		I-15 SB Off-Ramp to I-15 NB Or	2778934	0.31	4181		4181	64	50	1282		1282
167	2045	ALT3	EB	NT	HOT		I-15 NB On-Ramp to I-15 SB On	2778934	0.22	4181		4181	64	50	906		906
168	2045	ALT3	EB	NT	HOT		I-15 SB On-Ramp to Etiwanda A	2778934	0.14	4181		4181	64	50	589		589
169	2045	ALT3	EB	NT	HOT		Etiwanda Ave Off-Ramp to Etiv	2778934	1.28	4181		4181	64	50	5350		5350
170	2045	ALT3	EB	NT	HOT		Etiwanda Ave On-Ramp to Che	2778934	0.92	4181		4181	64	50	3865		3865
171	2045	ALT3	EB	NT	HOT		Cherry Ave Off-Ramp to Cherry	2760156	0.61	3761		3761	64	50	2291		2291
172	2045	ALT3	EB	NT	HOT		Cherry Ave On-Ramp to Beach	2760156	0.36	3761		3761	64	50	1341		1341
173	2045	ALT3	EB	NT	HOT		Beach Ave Off-Ramp to Beach	2760156	0.63	3761		3761	64	50	2382		2382
174	2045	ALT3	EB	NT	HOT		BeachAve On-Ramp to Citrus A	2760156	0.45	3761		3761	64	50	1685		1685
175	2045	ALT3	EB	NT	HOT		Citrus Ave Off-Ramp to Citrus A	2760156	0.54	3761		3761	64	50	2015		2015
176	2045	ALT3	EB	NT	HOT		Citrus Ave On-Ramp to Sierra A	2760156	0.47	3761		3761	64	50	1762		1762
177	2045	ALT3	EB	NT	HOT		Sierra Ave Off-Ramp to Sierra A	2760156	0.64	3761		3761	64	50	2397		2397
178	2045	ALT3	EB	NT	HOT		Sierra Ave On-Ramp to Alder A	2760156	0.31	3761		3761	64	50	1163		1163
179	2045	ALT3	EB	NT	HOT		Alder Ave Off-Ramp to Alder A	2779122	0.37	3761		3761	64	50	1394		1394
180	2045	ALT3	EB	NT	HOT		Alder Ave On-Ramp to Cedar A	2779122	0.50	3761		3761	64	50	1877		1877
181	2045	ALT3	EB	NT	HOT		Cedar Ave Off-Ramp to Cedar A	2779122	0.85	3089		3089	64	50	2622		2622
182	2045	ALT3	EB	NT	HOT		Cedar Ave On-Ramp to Riversic	2779122	0.80	3089		3089	64	50	2457		2457
183	2045	ALT3	EB	NT	HOT		Riverside Ave Off-Ramp to Rive	2779122	0.58	3089		3089	64	50	1782		1782
184	2045	ALT3	EB	NT	HOT		Riverside Ave On-Ramp to Pep	2779122	0.20	3089		3089	64	50	616		616
185	2045	ALT3	EB	NT	HOT		Pepper Ave Off-Ramp to Peppe	2779122	0.66	3089		3089	64	50	2038		2038
186	2045	ALT3	EB	NT	HOT		Pepper Ave On-Ramp to Ranch	2779122	0.26	3089		3089	64	50	805		805
187	2045	ALT3	EB	NT	HOT		Rancho Ave Off-Ramp to Ranch	2779122	0.41	3089		3089	64	50	1273		1273
188	2045	ALT3	EB	NT	HOT		Rancho Ave On-Ramp to La Ca	2779122	0.18	3089		3089	64	50	555		555
189	2045	ALT3	EB	NT	HOT		La Cadena Dr/9th St Off-Ramp	2779122	0.53	3089		3089	64	50	1635		1635
190	2045	ALT3	EB	NT	HOT		La Cadena Dr/9th St On-Ramp	2779122	0.03	3089		3089	64	50	87		87
191	2045	ALT3	EB	NT	HOT		Mt Vernon Ave Off-Ramp to M	2779128	0.61	3130		3130	64	50	1896		1896

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
192	2045	ALT3	EB	NT	HOT		Mt Vernon Ave On-Ramp to I-2	2779128	0.05	3130		3130	64	50	152		152
193	2045	ALT3	EB	NT	HOT		I-215 Off-Ramp to I-215 NB On	2779128	0.94	3130		3130	64	50	2948		2948
194	2045	ALT3	EB	NT	HOT		I-215 NB On-Ramp to I-215 SB	2779128	0.11	3130		3130	64	50	343		343
195	2045	ALT3	EB	NT	HOT		I-215 SB On-Ramp to Redlands	2779128	0.13	3130		3130	64	50	405		405
196	2045	ALT3	EB	NT	HOT		Redlands Blvd Off-Ramp to Wa	2779128	0.11	3130		3130	64	50	340		340
197	2045	ALT3	EB	NT	HOT		Waterman Ave Off-Ramp to W	2779128	0.63	3130		3130	64	50	1977		1977
198	2045	ALT3	EB	NT	HOT		Waterman Ave On-Ramp to An	2779128	0.28	3130		3130	64	50	884		884
199	2045	ALT3	EB	NT	HOT		Anderson St Off-Ramp to Ande	2760301	0.40	4711		4711	64	50	1904		1904
200	2045	ALT3	EB	NT	HOT		Anderson St On-Ramp to Mour	2760301	0.21	4711		4711	64	50	980		980
201	2045	ALT3	EB	NT	HOT		Mountain View Ave Off-Ramp t	2760301	0.79	4711		4711	64	50	3724		3724
202	2045	ALT3	EB	NT	HOT		Mountain View Ave On-Ramp t	2760301	0.18	4711		4711	64	50	865		865
203	2045	ALT3	EB	NT	HOT		California St Off-Ramp to Califc	2760301	0.84	4711		4711	64	50	3964		3964
204	2045	ALT3	EB	NT	HOT		California St On-Ramp to Alaba	2731614	0.18	2437		2437	64	50	428		428
205	2045	ALT3	EB	NT	HOT		Alabama St Off-Ramp to SR-21	2731614	0.39	2437		2437	64	50	954		954
206	2045	ALT3	EB	NT	HOT		SR-210 NB Off-Ramp to Tennes	2731614	0.18	2437		2437	64	50	430		430
207	2045	ALT3	EB	NT	HOT		Tennessee St Off-Ramp to Ten	2731614	0.64	2437		2437	64	50	1568		1568
208	2045	ALT3	EB	NT	HOT		Tennessee St On-Ramp to SR-2	2731614	0.20	2437		2437	64	50	484		484
209	2045	ALT3	EB	NT	HOT		SR-210 SB On-Ramp to Eureka	2731614	0.05	2437		2437	64	50	123		123
210	2045	ALT3	EB	NT	HOT		Eureka St/Pearl Ave Off-Ramp	2760225	0.43	2541		2541	64	50	1095		1095
211	2045	ALT3	EB	NT	HOT		Pearl Ave On-Ramp to Universi	2760225	0.30	2541		2541	64	50	755		755
212	2045	ALT3	EB	NT	HOT		University St Off-Ramp to Cypr	2760225	0.80	2541		2541	64	50	2021		2021
213	2045	ALT3	EB	NT	HOT		Cypress Ave On-Ramp to Ford	2760225	0.46	2541		2541	64	50	1163		1163
214	2045	ALT3	EB	NT	HOV		Ford St Off-Ramp to Redlands Blvd On-Ramp		0.65					50			
215	2045	ALT3	EB	NT	HOV		Redlands Blvd On-Ramp to Wabash Ave On-Ramp		0.59					50			
216	2045	ALT3	WB	AM	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	27627	1599	29226	54	50	11110	643	11753
217	2045	ALT3	WB	AM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	25317	1575	26892	51	50	19779	1230	21009
218	2045	ALT3	WB	AM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	27769	1598	29367	54	50	13838	796	14634
219	2045	ALT3	WB	AM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	26969	1591	28560	42	42	20202	1192	21394
220	2045	ALT3	WB	AM	Mainline		University St On-Ramp to 6th S	23726	0.38	29427	1618	31045	50	50	11165	614	11779
221	2045	ALT3	WB	AM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	27897	1598	29495	41	41	10033	575	10608
222	2045	ALT3	WB	AM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	29952	1637	31589	49	49	11220	613	11833
223	2045	ALT3	WB	AM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	31517	1672	33189	44	44	5435	288	5723
224	2045	ALT3	WB	AM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	24626	918	25544	52	50	6563	245	6808
225	2045	ALT3	WB	AM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	23815	914	24729	53	50	4156	159	4315
226	2045	ALT3	WB	AM	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	22582	903	23485	58	50	17679	707	18386
227	2045	ALT3	WB	AM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	27085	949	28034	58	50	7070	248	7318
228	2045	ALT3	WB	AM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	31531	1082	32613	58	50	3836	132	3968
229	2045	ALT3	WB	AM	Mainline		California St Off-Ramp to Califc	24044	0.86	26093	1057	27150	54	50	22491	911	23402
230	2045	ALT3	WB	AM	Mainline		California St On-Ramp to Mour	24077	0.19	27349	1134	28483	58	50	5263	218	5481
231	2045	ALT3	WB	AM	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	24632	1100	25732	56	50	5481	245	5726
232	2045	ALT3	WB	AM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	27458	1202	28660	58	50	5676	248	5924
233	2045	ALT3	WB	AM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	25440	1197	26637	47	47	19272	907	20179
234	2045	ALT3	WB	AM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	26990	1236	28226	53	50	3010	138	3148
235	2045	ALT3	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	24871	1201	26072	49	49	11835	571	12406
236	2045	ALT3	WB	AM	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	25910	1278	27188	54	50	7301	360	7661
237	2045	ALT3	WB	AM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	13928	851	14779	60	50	9785	598	10383
238	2045	ALT3	WB	AM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	15054	892	15946	60	50	3150	187	3337
239	2045	ALT3	WB	AM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	15529	901	16430	59	50	2841	165	3006
240	2045	ALT3	WB	AM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	20487	1016	21503	59	50	3795	188	3983

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
241	2045	ALT3	WB	AM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	19038	998	20036	58	50	13829	725	14554
242	2045	ALT3	WB	AM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	22574	1039	23613	59	50	1046	48	1094
243	2045	ALT3	WB	AM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	21251	1024	22275	56	50	13165	634	13799
244	2045	ALT3	WB	AM	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	22078	1052	23130	59	50	1945	93	2038
245	2045	ALT3	WB	AM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	21077	1041	22118	56	50	12312	608	12920
246	2045	ALT3	WB	AM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	22724	1072	23796	58	50	9468	447	9915
247	2045	ALT3	WB	AM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	21185	1044	22229	56	50	12598	621	13219
248	2045	ALT3	WB	AM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	22733	1065	23798	58	50	3870	181	4051
249	2045	ALT3	WB	AM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	20360	1013	21373	60	50	12016	598	12614
250	2045	ALT3	WB	AM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	23613	1116	24729	58	50	20133	952	21085
251	2045	ALT3	WB	AM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	21799	1050	22849	55	50	15838	763	16601
252	2045	ALT3	WB	AM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	24992	1110	26102	57	50	13093	582	13675
253	2045	ALT3	WB	AM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	24992	1110	26102	57	50	9377	416	9793
254	2045	ALT3	WB	AM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	24992	1110	26102	57	50	9039	401	9440
255	2045	ALT3	WB	AM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	22681	1079	23760	54	50	15648	744	16392
256	2045	ALT3	WB	AM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	24815	1114	25929	57	50	9670	434	10104
257	2045	ALT3	WB	AM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	23372	1070	24442	53	50	12598	577	13175
258	2045	ALT3	WB	AM	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	27161	1150	28311	58	50	11359	481	11840
259	2045	ALT3	WB	AM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	26117	1116	27233	59	50	16469	704	17173
260	2045	ALT3	WB	AM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	28262	1176	29438	57	50	11147	464	11611
261	2045	ALT3	WB	AM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	24920	1060	25980	56	50	13717	583	14300
262	2045	ALT3	WB	AM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	27210	1166	28376	58	50	34501	1478	35979
263	2045	ALT3	WB	AM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	25582	1086	26668	55	50	17372	737	18109
264	2045	ALT3	WB	AM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	26808	1159	27967	44	44	6978	302	7280
265	2045	ALT3	WB	AM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	27354	1199	28553	52	50	3640	160	3800
266	2045	ALT3	WB	AM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	21752	1072	22824	54	50	12340	608	12948
267	2045	ALT3	WB	AM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	29101	1252	30353	49	49	3869	166	4035
268	2045	ALT3	WB	AM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	32429	1370	33799	58	50	670	28	698
269	2045	ALT3	WB	AM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	28742	1257	29999	50	50	16681	730	17411
270	2045	ALT3	WB	AM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	29668	1357	31025	48	48	7406	339	7745
271	2045	ALT3	WB	AM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	25971	1248	27219	46	46	10681	513	11194
272	2045	ALT3	WB	AM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	26431	1286	27717	45	45	7631	371	8002
273	2045	ALT3	WB	AM	Mainline		Haven Ave On-Ramp to Archiba	23603	0.27	27257	1330	28587	52	50	7450	364	7814
274	2045	ALT3	WB	AM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	25625	1296	26921	54	50	8315	421	8736
275	2045	ALT3	WB	AM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	21051	1129	22180	59	50	13170	706	13876
276	2045	ALT3	WB	AM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	23020	1222	24242	61	50	3522	187	3709
277	2045	ALT3	WB	AM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	20715	1169	21884	59	50	7490	423	7913
278	2045	ALT3	WB	AM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	21371	1243	22614	59	50	4067	237	4304
279	2045	ALT3	WB	AM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	22163	1266	23429	55	50	8065	461	8526
280	2045	ALT3	WB	AM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	19761	1198	20959	57	50	7678	465	8143
281	2045	ALT3	WB	AM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	23466	1276	24742	53	50	6079	331	6410
282	2045	ALT3	WB	AM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	21391	1226	22617	56	50	8522	488	9010
283	2045	ALT3	WB	AM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	23211	1249	24460	53	50	8335	449	8784
284	2045	ALT3	WB	AM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	25270	1281	26551	50	50	10687	542	11229
285	2045	ALT3	WB	AM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	22961	1119	24080	54	50	7495	365	7860
286	2045	ALT3	WB	AM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	24085	1150	25235	52	50	6609	316	6925
287	2045	ALT3	WB	AM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	21711	1094	22805	55	50	11430	576	12006
288	2045	ALT3	WB	AM	Mainline		Central Ave On-Ramp to Monte	23492	0.05	23975	1137	25112	58	50	1210	57	1267
289	2045	ALT3	WB	AM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	22320	1072	23392	55	50	12499	600	13099

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
290	2045	ALT3	WB	AM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	2310	24	2334	32	32	1242	13	1255
291	2045	ALT3	WB	AM	Ramp	ON	Ford St On-Ramp	94684	0.23	2535	23	2558	24	24	572	5	577
292	2045	ALT3	WB	AM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	800	7	807	31	31	222	2	224
293	2045	ALT3	WB	AM	Ramp	ON	University St On-Ramp	94674	0.21	2458	27	2485	9	9	520	6	526
294	2045	ALT3	WB	AM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1531	20	1551	20	20	405	5	410
295	2045	ALT3	WB	AM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2055	40	2095	12	12	396	8	404
296	2045	ALT3	WB	AM	Ramp	ON	Orange St On-Ramp	2676749	0.16	1564	35	1599	15	15	245	5	250
297	2045	ALT3	WB	AM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	6890	755	7645	24	24	5957	653	6610
298	2045	ALT3	WB	AM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	811	4	815	26	26	55		55
299	2045	ALT3	WB	AM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	1233	11	1244	28	28	446	4	450
300	2045	ALT3	WB	AM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4501	47	4548	28	28	4490	47	4537
301	2045	ALT3	WB	AM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	4446	133	4579	15	15	531	16	547
302	2045	ALT3	WB	AM	Ramp	OFF	California St Off-Ramp	94793	0.13	2347	25	2372	17	17	303	3	306
303	2045	ALT3	WB	AM	Ramp	ON	California St On-Ramp	2676730	0.11	1257	76	1333	28	28	144	9	153
304	2045	ALT3	WB	AM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2717	34	2751	11	11	317	4	321
305	2045	ALT3	WB	AM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2599	102	2701	24	24	355	14	369
306	2045	ALT3	WB	AM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	2019	5	2024	13	13	438	1	439
307	2045	ALT3	WB	AM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	1551	39	1590	14	14	192	5	197
308	2045	ALT3	WB	AM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	2119	35	2154	11	11	517	9	526
309	2045	ALT3	WB	AM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	1038	77	1115	16	16	137	10	147
310	2045	ALT3	WB	AM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	11982	427	12409	18	18	2103	75	2178
311	2045	ALT3	WB	AM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1127	40	1167	16	16	372	13	385
312	2045	ALT3	WB	AM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	476	9	485	24	24	253	5	258
313	2045	ALT3	WB	AM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4957	116	5073	30	30	2125	50	2175
314	2045	ALT3	WB	AM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1449	18	1467	21	21	350	4	354
315	2045	ALT3	WB	AM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1648	41	1689	19	19	433	11	444
316	2045	ALT3	WB	AM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1323	15	1338	22	22	282	3	285
317	2045	ALT3	WB	AM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	827	28	855	18	18	259	9	268
318	2045	ALT3	WB	AM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1002	10	1012	24	24	268	3	271
319	2045	ALT3	WB	AM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1648	30	1678	19	19	525	10	535
320	2045	ALT3	WB	AM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1539	28	1567	20	20	276	5	281
321	2045	ALT3	WB	AM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1547	22	1569	15	15	525	7	532
322	2045	ALT3	WB	AM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2373	52	2425	11	11	253	6	259
323	2045	ALT3	WB	AM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	3253	103	3356	27	27	1016	32	1048
324	2045	ALT3	WB	AM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1814	66	1880	27	27	237	9	246
325	2045	ALT3	WB	AM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3192	60	3252	16	16	1313	25	1338
326	2045	ALT3	WB	AM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	1197	25	1222	23	23	414	9	423
327	2045	ALT3	WB	AM	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1985	31	2016	13	13	719	11	730
328	2045	ALT3	WB	AM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2353	37	2390	26	26	273	4	277
329	2045	ALT3	WB	AM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2134	35	2169	18	18	523	9	532
330	2045	ALT3	WB	AM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1443	44	1487	28	28	156	5	161
331	2045	ALT3	WB	AM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3789	80	3869	27	27	1133	24	1157
332	2045	ALT3	WB	AM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1044	34	1078	34	34	305	10	315
333	2045	ALT3	WB	AM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2145	60	2205	28	28	741	21	762
334	2045	ALT3	WB	AM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	3342	116	3458	29	29	433	15	448
335	2045	ALT3	WB	AM	Ramp	ON	Cherry On-Ramp	95966	0.28	4060	106	4166	26	26	1136	30	1166
336	2045	ALT3	WB	AM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1628	80	1708	24	24	825	41	866
337	2045	ALT3	WB	AM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1226	73	1299	30	30	236	14	250
338	2045	ALT3	WB	AM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	546	40	586	29	29	200	15	215

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
339	2045	ALT3	WB	AM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	5602	127	5729	42	42	1578	36	1614
340	2045	ALT3	WB	AM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	7349	180	7529	26	26	4624	113	4737
341	2045	ALT3	WB	AM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	3327	119	3446	22	22	3336	119	3455
342	2045	ALT3	WB	AM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	3688	113	3801	19	19	742	23	765
343	2045	ALT3	WB	AM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	927	99	1026	16	16	164	17	181
344	2045	ALT3	WB	AM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	3697	109	3806	19	19	647	19	666
345	2045	ALT3	WB	AM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	585	38	623	18	18	56	4	60
346	2045	ALT3	WB	AM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	826	44	870	17	17	160	9	169
347	2045	ALT3	WB	AM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1632	34	1666	16	16	296	6	302
348	2045	ALT3	WB	AM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4574	167	4741	22	22	2636	96	2732
349	2045	ALT3	WB	AM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	1970	92	2062	26	26	361	17	378
350	2045	ALT3	WB	AM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2305	53	2358	32	32	741	17	758
351	2045	ALT3	WB	AM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	656	74	730	18	18	104	12	116
352	2045	ALT3	WB	AM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	792	23	815	19	19	161	5	166
353	2045	ALT3	WB	AM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	2402	68	2470	26	26	608	17	625
354	2045	ALT3	WB	AM	Ramp	ON	4th St On-Ramp	2731498	0.26	3704	78	3782	14	14	954	20	974
355	2045	ALT3	WB	AM	Ramp	OFF	7th St Off-Ramp	94628	0.20	1679	50	1729	18	18	341	10	351
356	2045	ALT3	WB	AM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1820	23	1843	14	14	434	5	439
357	2045	ALT3	WB	AM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2060	31	2091	12	12	778	12	790
358	2045	ALT3	WB	AM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	2309	162	2471	10	10	321	23	344
359	2045	ALT3	WB	AM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2318	31	2349	10	10	471	6	477
360	2045	ALT3	WB	AM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2374	56	2430	11	11	317	7	324
361	2045	ALT3	WB	AM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2263	44	2307	11	11	274	5	279
362	2045	ALT3	WB	AM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1655	65	1720	18	18	374	15	389
363	2045	ALT3	WB	AM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1615	21	1636	15	15	533	7	540
364	2045	ALT3	WB	AM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O		0.40					50			
365	2045	ALT3	WB	AM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar		0.78					50			
366	2045	ALT3	WB	AM	HOT		Ford St On-Ramp to Cypress Av	2731628	0.50	4400		4400	50	50	2193		2193
367	2045	ALT3	WB	AM	HOT		Cypress Ave Off-Ramp to Unive	2731628	0.75	4400		4400	50	50	3296		3296
368	2045	ALT3	WB	AM	HOT		University St On-Ramp to 6th S	2731628	0.38	4400		4400	50	50	1669		1669
369	2045	ALT3	WB	AM	HOT		6th St Off-Ramp to Orange St L	2731628	0.36	4400		4400	50	50	1582		1582
370	2045	ALT3	WB	AM	HOT		Orange St Loop On-Ramp to Or	2731626	0.37	4400		4400	50	50	1648		1648
371	2045	ALT3	WB	AM	HOT		Orange St On-Ramp to SR-210	2731626	0.17	4400		4400	50	50	759		759
372	2045	ALT3	WB	AM	HOT		SR-210 Off-Ramp to Tennessee	2731626	0.27	4400		4400	50	50	1173		1173
373	2045	ALT3	WB	AM	HOT		Tennessee St Off-Ramp to Alab	2731626	0.17	4400		4400	50	50	768		768
374	2045	ALT3	WB	AM	HOT		Alabama St Off-Ramp to SR-21	2731626	0.78	4400		4400	50	50	3445		3445
375	2045	ALT3	WB	AM	HOT		SR-210 SB On-Ramp to Alabam	2731626	0.26	4400		4400	50	50	1149		1149
376	2045	ALT3	WB	AM	HOT		Alabama St On-Ramp to Califor	2731626	0.12	4400		4400	50	50	535		535
377	2045	ALT3	WB	AM	HOT		California St Off-Ramp to Califc	2731613	0.86	7490		7490	56	50	6456		6456
378	2045	ALT3	WB	AM	HOT		California St On-Ramp to Mour	2731613	0.19	7490		7490	56	50	1441		1441
379	2045	ALT3	WB	AM	HOT		Mountain View Ave Off-Ramp t	2779137	0.22	7263		7263	57	50	1616		1616
380	2045	ALT3	WB	AM	HOT		Mountain View Ave On-Ramp t	2779137	0.21	7263		7263	57	50	1501		1501
381	2045	ALT3	WB	AM	HOT		Tippecanoe Ave Off-Ramp to T	2779137	0.76	7263		7263	57	50	5502		5502
382	2045	ALT3	WB	AM	HOT		Tippecanoe Ave On-Ramp to H	2779137	0.11	7263		7263	57	50	810		810
383	2045	ALT3	WB	AM	HOT		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	7263		7263	57	50	3456		3456
384	2045	ALT3	WB	AM	HOT		Hospitality Ln/ Carnegie Dr On	2779137	0.28	7263		7263	57	50	2047		2047
385	2045	ALT3	WB	AM	HOT		I-215 NB Off-Ramp to Sunwest	2779137	0.70	7263		7263	57	50	5103		5103
386	2045	ALT3	WB	AM	HOT		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	7263		7263	57	50	1520		1520
387	2045	ALT3	WB	AM	HOT		I-215 NB On-Ramp to I-215 SB	2779137	0.18	7263		7263	57	50	1329		1329

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
388	2045	ALT3	WB	AM	HOT		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	7263		7263	57	50	1345		1345
389	2045	ALT3	WB	AM	HOT		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	7263		7263	57	50	5276		5276
390	2045	ALT3	WB	AM	HOT		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	5376		5376	60	50	249		249
391	2045	ALT3	WB	AM	HOT		9th St Off-Ramp to La Cadena I	2779131	0.62	5376		5376	60	50	3330		3330
392	2045	ALT3	WB	AM	HOT		La Cadena Dr On-Ramp to Ran	2779131	0.09	5376		5376	60	50	474		474
393	2045	ALT3	WB	AM	HOT		Rancho Ave Off-Ramp to Ranch	2779131	0.58	5376		5376	60	50	3140		3140
394	2045	ALT3	WB	AM	HOT		Rancho Ave On-Ramp to Peppe	2779131	0.42	5376		5376	60	50	2240		2240
395	2045	ALT3	WB	AM	HOT		Pepper Ave Off-Ramp to Peppe	2779131	0.59	5376		5376	60	50	3197		3197
396	2045	ALT3	WB	AM	HOT		Pepper Ave On-Ramp to Rivers	2779131	0.17	5376		5376	60	50	915		915
397	2045	ALT3	WB	AM	HOT		Riverside Ave Off-Ramp to Rive	2779131	0.59	5376		5376	60	50	3173		3173
398	2045	ALT3	WB	AM	HOT		Riverside Ave On-Ramp to Ced	2779131	0.85	5376		5376	60	50	4584		4584
399	2045	ALT3	WB	AM	HOT		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	5376		5376	60	50	3906		3906
400	2045	ALT3	WB	AM	HOT		Cedar Ave On-Ramp to Alder A	2779131	0.52	5376		5376	60	50	2816		2816
401	2045	ALT3	WB	AM	HOT		Alder Ave Off-Ramp to Alder A	2731555	0.38	5376		5376	60	50	2017		2017
402	2045	ALT3	WB	AM	HOT		Alder Ave On-Ramp to Alder Av	2731555	0.36	5376		5376	60	50	1944		1944
403	2045	ALT3	WB	AM	HOT		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	6121		6121	59	50	4223		4223
404	2045	ALT3	WB	AM	HOT		Sierra Ave On-Ramp to Citrus A	2731555	0.39	6121		6121	59	50	2385		2385
405	2045	ALT3	WB	AM	HOT		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	6121		6121	59	50	3299		3299
406	2045	ALT3	WB	AM	HOT		Citrus Ave On-Ramp to Beach C	2731555	0.42	6121		6121	59	50	2560		2560
407	2045	ALT3	WB	AM	HOT		Beach Ave Off-Ramp to Beach	2731555	0.63	6121		6121	59	50	3860		3860
408	2045	ALT3	WB	AM	HOT		Beach Ave On-Ramp to Cherry	2731555	0.39	6121		6121	59	50	2414		2414
409	2045	ALT3	WB	AM	HOT		Cherry Off-Ramp to Cherry On-	2731555	0.55	6121		6121	59	50	3369		3369
410	2045	ALT3	WB	AM	HOT		Cherry On-Ramp to Etiwanda A	2779119	1.27	7891		7891	56	50	10005		10005
411	2045	ALT3	WB	AM	HOT		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	7891		7891	56	50	5359		5359
412	2045	ALT3	WB	AM	HOT		Etiwanda Ave Loop On-Ramp t	2779119	0.26	7891		7891	56	50	2054		2054
413	2045	ALT3	WB	AM	HOT		Etiwanda Ave On-Ramp to I-15	2779119	0.13	7891		7891	56	50	1050		1050
414	2045	ALT3	WB	AM	HOT		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	7891		7891	56	50	4477		4477
415	2045	ALT3	WB	AM	HOT		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	7891		7891	56	50	1049		1049
416	2045	ALT3	WB	AM	HOT		I-15 NB On-Ramp to Milliken A	2779119	0.02	7891		7891	56	50	163		163
417	2045	ALT3	WB	AM	HOT		Milliken Ave Off-Ramp to Millik	2779119	0.58	7891		7891	56	50	4580		4580
418	2045	ALT3	WB	AM	HOT		Milliken Ave On-Ramp to Have	2779119	0.25	7891		7891	56	50	1970		1970
419	2045	ALT3	WB	AM	HOT		Haven Ave Off-Ramp to Haven	2779119	0.41	7891		7891	56	50	3245		3245
420	2045	ALT3	WB	AM	HOT		Haven Ave Loop On-Ramp to H	2779113	0.29	8016		8016	60	50	2314		2314
421	2045	ALT3	WB	AM	HOT		Haven Ave On-Ramp to Archib	2779113	0.27	8016		8016	60	50	2191		2191
422	2045	ALT3	WB	AM	HOT		Archibald Ave Off-Ramp to Hol	2779113	0.32	8016		8016	60	50	2601		2601
423	2045	ALT3	WB	AM	HOT		Holt Blvd Off-Ramp to Archibal	2779113	0.63	8016		8016	60	50	5015		5015
424	2045	ALT3	WB	AM	HOT		Archibald Ave On-Ramp to Vin	2779113	0.15	8016		8016	60	50	1226		1226
425	2045	ALT3	WB	AM	HOT		Vineyard Ave Off-Ramp to Vine	2779113	0.36	8016		8016	60	50	2898		2898
426	2045	ALT3	WB	AM	HOT		Vineyard Ave Loop On-Ramp to	2779113	0.19	8016		8016	60	50	1525		1525
427	2045	ALT3	WB	AM	HOT		Vineyard Ave On-Ramp to 4th S	2779113	0.36	8016		8016	60	50	2917		2917
428	2045	ALT3	WB	AM	HOT		4th St Off-Ramp to 4th St On-R	2779113	0.39	8016		8016	60	50	3114		3114
429	2045	ALT3	WB	AM	HOT		4th St On-Ramp to 7th St Off-R	2779113	0.26	8016		8016	60	50	2077		2077
430	2045	ALT3	WB	AM	HOT		7th St Off-Ramp to Euclid Ave I	2779107	0.40	8412		8412	56	50	3351		3351
431	2045	ALT3	WB	AM	HOT		Euclid Ave Loop On-Ramp to Eu	2779107	0.36	8412		8412	56	50	3021		3021
432	2045	ALT3	WB	AM	HOT		Euclid Ave On-Ramp to Mounta	2779107	0.42	8412		8412	56	50	3558		3558
433	2045	ALT3	WB	AM	HOT		Mountain Ave Off-Ramp to Mc	2760177	0.33	9607		9607	54	50	3136		3136
434	2045	ALT3	WB	AM	HOT		Mountain Ave On-Ramp to Cer	2760177	0.27	9607		9607	54	50	2636		2636
435	2045	ALT3	WB	AM	HOT		Central Ave Off-Ramp to Centr	2760177	0.53	9607		9607	54	50	5058		5058
436	2045	ALT3	WB	AM	HOT		Central Ave On-Ramp to Mont	2760177	0.05	9607		9607	54	50	485		485

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
437	2045	ALT3	WB	AM	HOT		Monte Vista Ave Off-Ramp to M	2760177	0.56	9607		9607	54	50	5380		5380
216	2045	ALT3	WB	MD	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	28753	4223	32976	62	50	11563	1698	13261
217	2045	ALT3	WB	MD	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	27018	4187	31205	61	50	21107	3271	24378
218	2045	ALT3	WB	MD	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	35898	4260	40158	61	50	17889	2123	20012
219	2045	ALT3	WB	MD	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	34733	4239	38972	57	50	26017	3175	29192
220	2045	ALT3	WB	MD	Mainline		University St On-Ramp to 6th S	23726	0.38	39173	4361	43534	59	50	14863	1655	16518
221	2045	ALT3	WB	MD	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	36806	4296	41102	57	50	13237	1545	14782
222	2045	ALT3	WB	MD	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	40943	4390	45333	59	50	15337	1644	16981
223	2045	ALT3	WB	MD	Mainline		Orange St On-Ramp to SR-210	24215	0.17	43440	4518	47958	58	50	7491	779	8270
224	2045	ALT3	WB	MD	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	32896	2649	35545	59	50	8768	706	9474
225	2045	ALT3	WB	MD	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	31360	2626	33986	60	50	5472	458	5930
226	2045	ALT3	WB	MD	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	29978	2604	32582	62	50	23469	2039	25508
227	2045	ALT3	WB	MD	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	34938	2714	37652	63	50	9120	708	9828
228	2045	ALT3	WB	MD	Mainline		Alabama St On-Ramp to Califor	24057	0.12	43476	3044	46520	62	50	5289	370	5659
229	2045	ALT3	WB	MD	Mainline		California St Off-Ramp to Califo	24044	0.86	36640	2996	39636	61	50	31582	2582	34164
230	2045	ALT3	WB	MD	Mainline		California St On-Ramp to Mour	24077	0.19	40440	3200	43640	62	50	7782	616	8398
231	2045	ALT3	WB	MD	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	36747	3097	39844	61	50	8176	689	8865
232	2045	ALT3	WB	MD	Mainline		Mountain View Ave On-Ramp t	23990	0.21	41860	3384	45244	61	50	8653	700	9353
233	2045	ALT3	WB	MD	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	39482	3363	42845	55	50	29909	2548	32457
234	2045	ALT3	WB	MD	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	43500	3465	46965	57	50	4851	386	5237
235	2045	ALT3	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	40470	3352	43822	55	50	19257	1595	20852
236	2045	ALT3	WB	MD	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	43811	3533	47344	57	50	12345	996	13341
237	2045	ALT3	WB	MD	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	23546	2007	25553	61	50	16543	1410	17953
238	2045	ALT3	WB	MD	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	25942	2102	28044	61	50	5429	440	5869
239	2045	ALT3	WB	MD	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	26576	2124	28700	60	50	4862	389	5251
240	2045	ALT3	WB	MD	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	35195	2427	37622	60	50	6520	450	6970
241	2045	ALT3	WB	MD	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	32515	2372	34887	60	50	23618	1723	25341
242	2045	ALT3	WB	MD	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	35795	2474	38269	61	50	1658	115	1773
243	2045	ALT3	WB	MD	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	33114	2437	35551	59	50	20514	1510	22024
244	2045	ALT3	WB	MD	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	34610	2503	37113	61	50	3049	221	3270
245	2045	ALT3	WB	MD	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	32842	2478	35320	60	50	19185	1448	20633
246	2045	ALT3	WB	MD	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	35392	2558	37950	61	50	14746	1066	15812
247	2045	ALT3	WB	MD	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	32436	2491	34927	60	50	19289	1481	20770
248	2045	ALT3	WB	MD	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	34611	2554	37165	61	50	5893	435	6328
249	2045	ALT3	WB	MD	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	30561	2393	32954	62	50	18037	1412	19449
250	2045	ALT3	WB	MD	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	36014	2648	38662	61	50	30707	2258	32965
251	2045	ALT3	WB	MD	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	33032	2530	35562	59	50	23999	1838	25837
252	2045	ALT3	WB	MD	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	37050	2710	39760	61	50	19410	1420	20830
253	2045	ALT3	WB	MD	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	37050	2710	39760	61	50	13901	1017	14918
254	2045	ALT3	WB	MD	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	37050	2710	39760	61	50	13401	980	14381
255	2045	ALT3	WB	MD	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	33752	2702	36454	59	50	23286	1864	25150
256	2045	ALT3	WB	MD	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	36871	2811	39682	61	50	14368	1095	15463
257	2045	ALT3	WB	MD	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	34120	2704	36824	59	50	18392	1458	19850
258	2045	ALT3	WB	MD	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	38726	2902	41628	62	50	16195	1214	17409
259	2045	ALT3	WB	MD	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	37013	2803	39816	62	50	23340	1768	25108
260	2045	ALT3	WB	MD	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	40518	3006	43524	62	50	15982	1186	17168
261	2045	ALT3	WB	MD	Mainline		Cherry Off-Ramp to Cherry On	24225	0.55	36497	2738	39235	61	50	20089	1507	21596
262	2045	ALT3	WB	MD	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	39238	3221	42459	62	50	49752	4084	53836
263	2045	ALT3	WB	MD	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	36626	3007	39633	61	50	24872	2042	26914

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
264	2045	ALT3	WB	MD	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	40273	3250	43523	55	50	10483	846	11329
265	2045	ALT3	WB	MD	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	41217	3410	44627	58	50	5485	454	5939
266	2045	ALT3	WB	MD	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	31168	2992	34160	59	50	17681	1697	19378
267	2045	ALT3	WB	MD	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	42050	3923	45973	58	50	5591	522	6113
268	2045	ALT3	WB	MD	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	48003	4282	52285	61	50	991	88	1079
269	2045	ALT3	WB	MD	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	43289	3983	47272	57	50	25124	2312	27436
270	2045	ALT3	WB	MD	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	46586	4296	50882	56	50	11629	1072	12701
271	2045	ALT3	WB	MD	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	43203	4031	47234	52	50	17767	1658	19425
272	2045	ALT3	WB	MD	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	40565	4172	44737	54	50	11711	1204	12915
273	2045	ALT3	WB	MD	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	43026	4368	47394	57	50	11760	1194	12954
274	2045	ALT3	WB	MD	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	40693	4243	44936	58	50	13204	1377	14581
275	2045	ALT3	WB	MD	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	33589	3742	37331	61	50	21014	2341	23355
276	2045	ALT3	WB	MD	Mainline		Archibald Ave On-Ramp to Vin	23575	0.15	38552	4247	42799	62	50	5899	650	6549
277	2045	ALT3	WB	MD	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	34179	4132	38311	61	50	12358	1494	13852
278	2045	ALT3	WB	MD	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	36635	4383	41018	60	50	6972	834	7806
279	2045	ALT3	WB	MD	Mainline		Vineyard Ave On-Ramp to 4th	23538	0.36	38238	4418	42656	56	50	13914	1608	15522
280	2045	ALT3	WB	MD	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	32792	4239	37031	59	50	12740	1647	14387
281	2045	ALT3	WB	MD	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	38714	4491	43205	56	50	10029	1163	11192
282	2045	ALT3	WB	MD	Mainline		7th St Off-Ramp to Euclid Ave l	23447	0.40	35138	4357	39495	58	50	13999	1736	15735
283	2045	ALT3	WB	MD	Mainline		Euclid Ave Loop On-Ramp to E	1658013	0.36	37190	4413	41603	57	50	13355	1585	14940
284	2045	ALT3	WB	MD	Mainline		Euclid Ave On-Ramp to Mount	23434	0.42	40592	4511	45103	55	50	17168	1908	19076
285	2045	ALT3	WB	MD	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	35955	4194	40149	58	50	11736	1369	13105
286	2045	ALT3	WB	MD	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	39818	4292	44110	56	50	10926	1178	12104
287	2045	ALT3	WB	MD	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	35255	4152	39407	58	50	18560	2186	20746
288	2045	ALT3	WB	MD	Mainline		Central Ave On-Ramp to Mont	23492	0.05	39416	4293	43709	59	50	1989	217	2206
289	2045	ALT3	WB	MD	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	36621	4130	40751	57	50	20507	2313	22820
290	2045	ALT3	WB	MD	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1735	36	1771	34	34	933	19	952
291	2045	ALT3	WB	MD	Ramp	ON	Ford St On-Ramp	94684	0.23	3443	73	3516	27	27	777	16	793
292	2045	ALT3	WB	MD	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	1165	21	1186	32	32	323	6	329
293	2045	ALT3	WB	MD	Ramp	ON	University St On-Ramp	94674	0.21	4440	122	4562	11	11	939	26	965
294	2045	ALT3	WB	MD	Ramp	OFF	6th St Off-Ramp	94690	0.26	2366	65	2431	23	23	626	17	643
295	2045	ALT3	WB	MD	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	4142	94	4236	12	12	799	18	817
296	2045	ALT3	WB	MD	Ramp	ON	Orange St On-Ramp	2676749	0.16	2497	128	2625	16	16	392	20	412
297	2045	ALT3	WB	MD	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	10543	1869	12412	26	26	9115	1616	10731
298	2045	ALT3	WB	MD	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	1536	23	1559	26	26	104	2	106
299	2045	ALT3	WB	MD	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	1382	22	1404	32	32	500	8	508
300	2045	ALT3	WB	MD	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4960	110	5070	29	29	4947	110	5057
301	2045	ALT3	WB	MD	Ramp	ON	Alabama St On-Ramp	2676731	0.12	8538	330	8868	16	16	1020	39	1059
302	2045	ALT3	WB	MD	Ramp	OFF	California St Off-Ramp	94793	0.13	2174	48	2222	29	29	281	6	287
303	2045	ALT3	WB	MD	Ramp	ON	California St On-Ramp	2676730	0.11	3800	204	4004	26	26	435	23	458
304	2045	ALT3	WB	MD	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	3692	103	3795	22	22	430	12	442
305	2045	ALT3	WB	MD	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	5689	287	5976	23	23	776	39	815
306	2045	ALT3	WB	MD	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	2378	21	2399	21	21	516	5	521
307	2045	ALT3	WB	MD	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	4018	102	4120	11	11	497	13	510
308	2045	ALT3	WB	MD	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	3029	113	3142	17	17	739	28	767
309	2045	ALT3	WB	MD	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	3342	180	3522	13	13	440	24	464
310	2045	ALT3	WB	MD	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	20266	1525	21791	25	25	3557	268	3825
311	2045	ALT3	WB	MD	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2397	94	2491	16	16	791	31	822
312	2045	ALT3	WB	MD	Ramp	ON	I-215 NB On-Ramp	24504	0.53	633	23	656	25	25	336	12	348

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
313	2045	ALT3	WB	MD	Ramp	ON	I-215 SB On-Ramp	24517	0.43	8619	303	8922	31	31	3694	130	3824
314	2045	ALT3	WB	MD	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2680	55	2735	22	22	647	13	660
315	2045	ALT3	WB	MD	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	3063	102	3165	19	19	805	27	832
316	2045	ALT3	WB	MD	Ramp	OFF	9th St Off-Ramp	94928	0.21	2681	37	2718	22	22	572	8	580
317	2045	ALT3	WB	MD	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1495	67	1562	18	18	468	21	489
318	2045	ALT3	WB	MD	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1768	25	1793	25	25	473	7	480
319	2045	ALT3	WB	MD	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2551	80	2631	19	19	813	25	838
320	2045	ALT3	WB	MD	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2957	67	3024	20	20	530	12	542
321	2045	ALT3	WB	MD	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	2176	63	2239	17	17	738	21	759
322	2045	ALT3	WB	MD	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	4049	162	4211	14	14	432	17	449
323	2045	ALT3	WB	MD	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	5453	255	5708	28	28	1703	80	1783
324	2045	ALT3	WB	MD	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	2982	118	3100	28	28	390	15	405
325	2045	ALT3	WB	MD	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	4019	180	4199	18	18	1653	74	1727
326	2045	ALT3	WB	MD	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	2466	63	2529	22	22	853	22	875
327	2045	ALT3	WB	MD	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	2871	150	3021	15	15	1040	54	1094
328	2045	ALT3	WB	MD	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	4071	95	4166	27	27	472	11	483
329	2045	ALT3	WB	MD	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	3120	108	3228	19	19	764	26	790
330	2045	ALT3	WB	MD	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	2751	107	2858	28	28	297	12	309
331	2045	ALT3	WB	MD	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	4606	198	4804	28	28	1377	59	1436
332	2045	ALT3	WB	MD	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1714	98	1812	34	34	501	29	530
333	2045	ALT3	WB	MD	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	3505	203	3708	29	29	1210	70	1280
334	2045	ALT3	WB	MD	Ramp	OFF	Cherry Off-Ramp	94837	0.13	4021	268	4289	32	32	520	35	555
335	2045	ALT3	WB	MD	Ramp	ON	Cherry On-Ramp	95966	0.28	5523	483	6006	28	28	1545	135	1680
336	2045	ALT3	WB	MD	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	2614	213	2827	27	27	1324	108	1432
337	2045	ALT3	WB	MD	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	3649	242	3891	27	27	702	47	749
338	2045	ALT3	WB	MD	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	944	160	1104	29	29	346	59	405
339	2045	ALT3	WB	MD	Ramp	OFF	I-15 Off-Ramp	24554	0.28	10049	418	10467	43	43	2831	118	2949
340	2045	ALT3	WB	MD	Ramp	ON	I-15 SB On-Ramp	23554	0.63	10882	931	11813	29	29	6848	586	7434
341	2045	ALT3	WB	MD	Ramp	ON	I-15 NB On-Ramp	23572	1.00	5954	359	6313	24	24	5969	360	6329
342	2045	ALT3	WB	MD	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	4716	298	5014	24	24	949	60	1009
343	2045	ALT3	WB	MD	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	3299	312	3611	12	12	583	55	638
344	2045	ALT3	WB	MD	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	3383	265	3648	26	26	592	46	638
345	2045	ALT3	WB	MD	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	1920	141	2061	17	17	183	13	196
346	2045	ALT3	WB	MD	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	2462	196	2658	15	15	478	38	516
347	2045	ALT3	WB	MD	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	2333	125	2458	21	21	423	23	446
348	2045	ALT3	WB	MD	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	7104	501	7605	27	27	4094	289	4383
349	2045	ALT3	WB	MD	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4963	505	5468	24	24	909	92	1001
350	2045	ALT3	WB	MD	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	4371	116	4487	32	32	1406	37	1443
351	2045	ALT3	WB	MD	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	2456	251	2707	16	16	391	40	431
352	2045	ALT3	WB	MD	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1603	35	1638	19	19	326	7	333
353	2045	ALT3	WB	MD	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	5447	179	5626	25	25	1378	45	1423
354	2045	ALT3	WB	MD	Ramp	ON	4th St On-Ramp	2731498	0.26	5923	252	6175	16	16	1525	65	1590
355	2045	ALT3	WB	MD	Ramp	OFF	7th St Off-Ramp	94628	0.20	3518	135	3653	17	17	714	27	741
356	2045	ALT3	WB	MD	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	2052	57	2109	17	17	489	14	503
357	2045	ALT3	WB	MD	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	3402	98	3500	14	14	1286	37	1323
358	2045	ALT3	WB	MD	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	4637	317	4954	10	10	645	44	689
359	2045	ALT3	WB	MD	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	3529	97	3626	14	14	717	20	737
360	2045	ALT3	WB	MD	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	4563	140	4703	12	12	609	19	628
361	2045	ALT3	WB	MD	Ramp	ON	Central Ave On-Ramp	2668754	0.12	4162	141	4303	12	12	504	17	521

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
362	2045	ALT3	WB	MD	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	2795	163	2958	21	21	632	37	669
363	2045	ALT3	WB	MD	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2894	57	2951	16	16	956	19	975
364	2045	ALT3	WB	MD	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O		0.40					50			
365	2045	ALT3	WB	MD	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar		0.78					50			
366	2045	ALT3	WB	MD	HOT		Ford St On-Ramp to Cypress Av	2731628	0.50	4529		4529	60	50	2257		2257
367	2045	ALT3	WB	MD	HOT		Cypress Ave Off-Ramp to Unive	2731628	0.75	4529		4529	60	50	3393		3393
368	2045	ALT3	WB	MD	HOT		University St On-Ramp to 6th S	2731628	0.38	4529		4529	60	50	1718		1718
369	2045	ALT3	WB	MD	HOT		6th St Off-Ramp to Orange St L	2731628	0.36	4529		4529	60	50	1629		1629
370	2045	ALT3	WB	MD	HOT		Orange St Loop On-Ramp to Or	2731626	0.37	4535		4535	60	50	1699		1699
371	2045	ALT3	WB	MD	HOT		Orange St On-Ramp to SR-210	2731626	0.17	4535		4535	60	50	782		782
372	2045	ALT3	WB	MD	HOT		SR-210 Off-Ramp to Tennessee	2731626	0.27	4535		4535	60	50	1209		1209
373	2045	ALT3	WB	MD	HOT		Tennessee St Off-Ramp to Alab	2731626	0.17	4535		4535	60	50	791		791
374	2045	ALT3	WB	MD	HOT		Alabama St Off-Ramp to SR-21	2731626	0.78	4535		4535	60	50	3550		3550
375	2045	ALT3	WB	MD	HOT		SR-210 SB On-Ramp to Alabam	2731626	0.26	4535		4535	60	50	1184		1184
376	2045	ALT3	WB	MD	HOT		Alabama St On-Ramp to Califor	2731626	0.12	4535		4535	60	50	552		552
377	2045	ALT3	WB	MD	HOT		California St Off-Ramp to Califc	2731613	0.86	9197		9197	61	50	7927		7927
378	2045	ALT3	WB	MD	HOT		California St On-Ramp to Mour	2731613	0.19	9197		9197	61	50	1770		1770
379	2045	ALT3	WB	MD	HOT		Mountain View Ave Off-Ramp t	2779137	0.22	9774		9774	60	50	2175		2175
380	2045	ALT3	WB	MD	HOT		Mountain View Ave On-Ramp t	2779137	0.21	9774		9774	60	50	2020		2020
381	2045	ALT3	WB	MD	HOT		Tippecanoe Ave Off-Ramp to T	2779137	0.76	9774		9774	60	50	7404		7404
382	2045	ALT3	WB	MD	HOT		Tippecanoe Ave On-Ramp to H	2779137	0.11	9774		9774	60	50	1090		1090
383	2045	ALT3	WB	MD	HOT		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	9774		9774	60	50	4651		4651
384	2045	ALT3	WB	MD	HOT		Hospitality Ln/ Carnegie Dr On-	2779137	0.28	9774		9774	60	50	2754		2754
385	2045	ALT3	WB	MD	HOT		I-215 NB Off-Ramp to Sunwest	2779137	0.70	9774		9774	60	50	6867		6867
386	2045	ALT3	WB	MD	HOT		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	9774		9774	60	50	2045		2045
387	2045	ALT3	WB	MD	HOT		I-215 NB On-Ramp to I-215 SB	2779137	0.18	9774		9774	60	50	1788		1788
388	2045	ALT3	WB	MD	HOT		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	9774		9774	60	50	1811		1811
389	2045	ALT3	WB	MD	HOT		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	9774		9774	60	50	7100		7100
390	2045	ALT3	WB	MD	HOT		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	9556		9556	60	50	443		443
391	2045	ALT3	WB	MD	HOT		9th St Off-Ramp to La Cadena I	2779131	0.62	9556		9556	60	50	5920		5920
392	2045	ALT3	WB	MD	HOT		La Cadena Dr On-Ramp to Ranc	2779131	0.09	9556		9556	60	50	842		842
393	2045	ALT3	WB	MD	HOT		Rancho Ave Off-Ramp to Ranch	2779131	0.58	9556		9556	60	50	5582		5582
394	2045	ALT3	WB	MD	HOT		Rancho Ave On-Ramp to Peppe	2779131	0.42	9556		9556	60	50	3982		3982
395	2045	ALT3	WB	MD	HOT		Pepper Ave Off-Ramp to Peppe	2779131	0.59	9556		9556	60	50	5683		5683
396	2045	ALT3	WB	MD	HOT		Pepper Ave On-Ramp to Rivers	2779131	0.17	9556		9556	60	50	1627		1627
397	2045	ALT3	WB	MD	HOT		Riverside Ave Off-Ramp to Rive	2779131	0.59	9556		9556	60	50	5640		5640
398	2045	ALT3	WB	MD	HOT		Riverside Ave On-Ramp to Ced	2779131	0.85	9556		9556	60	50	8148		8148
399	2045	ALT3	WB	MD	HOT		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	9556		9556	60	50	6943		6943
400	2045	ALT3	WB	MD	HOT		Cedar Ave On-Ramp to Alder A	2779131	0.52	9556		9556	60	50	5006		5006
401	2045	ALT3	WB	MD	HOT		Alder Ave Off-Ramp to Alder A	2731555	0.38	9556		9556	60	50	3585		3585
402	2045	ALT3	WB	MD	HOT		Alder Ave On-Ramp to Alder Av	2731555	0.36	9556		9556	60	50	3456		3456
403	2045	ALT3	WB	MD	HOT		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	9189		9189	61	50	6340		6340
404	2045	ALT3	WB	MD	HOT		Sierra Ave On-Ramp to Citrus A	2731555	0.39	9189		9189	61	50	3581		3581
405	2045	ALT3	WB	MD	HOT		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	9189		9189	61	50	4953		4953
406	2045	ALT3	WB	MD	HOT		Citrus Ave On-Ramp to Beach (	2731555	0.42	9189		9189	61	50	3843		3843
407	2045	ALT3	WB	MD	HOT		Beach Ave Off-Ramp to Beach	2731555	0.63	9189		9189	61	50	5794		5794
408	2045	ALT3	WB	MD	HOT		Beach Ave On-Ramp to Cherry	2731555	0.39	9189		9189	61	50	3624		3624
409	2045	ALT3	WB	MD	HOT		Cherry Off-Ramp to Cherry On-	2731555	0.55	9189		9189	61	50	5058		5058
410	2045	ALT3	WB	MD	HOT		Cherry On-Ramp to Etiwanda A	2779119	1.27	11970		11970	59	50	15177		15177

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
411	2045	ALT3	WB	MD	HOT		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	11970		11970	59	50	8128		8128
412	2045	ALT3	WB	MD	HOT		Etiwanda Ave Loop On-Ramp t	2779119	0.26	11970		11970	59	50	3116		3116
413	2045	ALT3	WB	MD	HOT		Etiwanda Ave On-Ramp to I-15	2779119	0.13	11970		11970	59	50	1593		1593
414	2045	ALT3	WB	MD	HOT		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	11970		11970	59	50	6790		6790
415	2045	ALT3	WB	MD	HOT		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	11970		11970	59	50	1592		1592
416	2045	ALT3	WB	MD	HOT		I-15 NB On-Ramp to Milliken A	2779119	0.02	11970		11970	59	50	247		247
417	2045	ALT3	WB	MD	HOT		Milliken Ave Off-Ramp to Millik	2779119	0.58	11970		11970	59	50	6947		6947
418	2045	ALT3	WB	MD	HOT		Milliken Ave On-Ramp to Have	2779119	0.25	11970		11970	59	50	2988		2988
419	2045	ALT3	WB	MD	HOT		Haven Ave Off-Ramp to Haven	2779119	0.41	11970		11970	59	50	4923		4923
420	2045	ALT3	WB	MD	HOT		Haven Ave Loop On-Ramp to H	2779113	0.29	16529		16529	60	50	4772		4772
421	2045	ALT3	WB	MD	HOT		Haven Ave On-Ramp to Archiba	2779113	0.27	16529		16529	60	50	4518		4518
422	2045	ALT3	WB	MD	HOT		Archibald Ave Off-Ramp to Hol	2779113	0.32	16529		16529	60	50	5363		5363
423	2045	ALT3	WB	MD	HOT		Holt Blvd Off-Ramp to Archibal	2779113	0.63	16529		16529	60	50	10341		10341
424	2045	ALT3	WB	MD	HOT		Archibald Ave On-Ramp to Vine	2779113	0.15	16529		16529	60	50	2529		2529
425	2045	ALT3	WB	MD	HOT		Vineyard Ave Off-Ramp to Vine	2779113	0.36	16529		16529	60	50	5976		5976
426	2045	ALT3	WB	MD	HOT		Vineyard Ave Loop On-Ramp to	2779113	0.19	16529		16529	60	50	3146		3146
427	2045	ALT3	WB	MD	HOT		Vineyard Ave On-Ramp to 4th S	2779113	0.36	16529		16529	60	50	6015		6015
428	2045	ALT3	WB	MD	HOT		4th St Off-Ramp to 4th St On-R	2779113	0.39	16529		16529	60	50	6422		6422
429	2045	ALT3	WB	MD	HOT		4th St On-Ramp to 7th St Off-R	2779113	0.26	16529		16529	60	50	4282		4282
430	2045	ALT3	WB	MD	HOT		7th St Off-Ramp to Euclid Ave I	2779107	0.40	16586		16586	56	50	6608		6608
431	2045	ALT3	WB	MD	HOT		Euclid Ave Loop On-Ramp to Eu	2779107	0.36	16586		16586	56	50	5956		5956
432	2045	ALT3	WB	MD	HOT		Euclid Ave On-Ramp to Mounta	2779107	0.42	16586		16586	56	50	7015		7015
433	2045	ALT3	WB	MD	HOT		Mountain Ave Off-Ramp to Mo	2760177	0.33	16251		16251	57	50	5305		5305
434	2045	ALT3	WB	MD	HOT		Mountain Ave On-Ramp to Cer	2760177	0.27	16251		16251	57	50	4459		4459
435	2045	ALT3	WB	MD	HOT		Central Ave Off-Ramp to Centr	2760177	0.53	16251		16251	57	50	8555		8555
436	2045	ALT3	WB	MD	HOT		Central Ave On-Ramp to Monte	2760177	0.05	16251		16251	57	50	820		820
437	2045	ALT3	WB	MD	HOT		Monte Vista Ave Off-Ramp to M	2760177	0.56	16251		16251	57	50	9100		9100
216	2045	ALT3	WB	PM	Mainline		Wabash Ave Off-Ramp to Redla	2731682	0.40	21761	2512	24273	62	50	8751	1010	9761
217	2045	ALT3	WB	PM	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	20357	2490	22847	61	50	15904	1945	17849
218	2045	ALT3	WB	PM	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	27279	2537	29816	60	50	13594	1264	14858
219	2045	ALT3	WB	PM	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	26407	2524	28931	55	50	19781	1891	21672
220	2045	ALT3	WB	PM	Mainline		University St On-Ramp to 6th S	23726	0.38	29509	2598	32107	58	50	11196	986	12182
221	2045	ALT3	WB	PM	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	27682	2555	30237	55	50	9955	919	10874
222	2045	ALT3	WB	PM	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	31023	2602	33625	57	50	11621	975	12596
223	2045	ALT3	WB	PM	Mainline		Orange St On-Ramp to SR-210	24215	0.17	33145	2693	35838	56	50	5716	464	6180
224	2045	ALT3	WB	PM	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	22782	1338	24120	59	50	6072	357	6429
225	2045	ALT3	WB	PM	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	22114	1327	23441	60	50	3859	232	4091
226	2045	ALT3	WB	PM	Mainline		Alabama St Off-Ramp to SR-210	24109	0.78	21393	1308	22701	62	50	16748	1024	17772
227	2045	ALT3	WB	PM	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	26160	1403	27563	62	50	6829	366	7195
228	2045	ALT3	WB	PM	Mainline		Alabama St On-Ramp to Califor	24057	0.12	32905	1574	34479	62	50	4003	191	4194
229	2045	ALT3	WB	PM	Mainline		California St Off-Ramp to Califo	24044	0.86	27520	1541	29061	60	50	23721	1328	25049
230	2045	ALT3	WB	PM	Mainline		California St On-Ramp to Mour	24077	0.19	32539	1662	34201	60	50	6262	320	6582
231	2045	ALT3	WB	PM	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	30124	1598	31722	58	50	6703	356	7059
232	2045	ALT3	WB	PM	Mainline		Mountain View Ave On-Ramp t	23990	0.21	33823	1780	35603	59	50	6992	368	7360
233	2045	ALT3	WB	PM	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	32481	1759	34240	49	49	24606	1333	25939
234	2045	ALT3	WB	PM	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	36215	1796	38011	52	50	4039	200	4239
235	2045	ALT3	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	34324	1734	36058	46	46	16333	825	17158
236	2045	ALT3	WB	PM	Mainline		Hospitality Ln/ Carnegie Dr On-	85477	0.28	37851	1835	39686	50	50	10666	517	11183
237	2045	ALT3	WB	PM	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	22209	1197	23406	59	50	15603	841	16444

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
238	2045	ALT3	WB	PM	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	24846	1247	26093	57	50	5199	261	5460
239	2045	ALT3	WB	PM	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	25460	1262	26722	57	50	4658	231	4889
240	2045	ALT3	WB	PM	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	33971	1454	35425	55	50	6293	269	6562
241	2045	ALT3	WB	PM	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	31754	1422	33176	53	50	23066	1033	24099
242	2045	ALT3	WB	PM	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	34903	1484	36387	56	50	1617	69	1686
243	2045	ALT3	WB	PM	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	32971	1466	34437	51	50	20425	908	21333
244	2045	ALT3	WB	PM	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	34528	1508	36036	56	50	3042	133	3175
245	2045	ALT3	WB	PM	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	32596	1488	34084	52	50	19041	869	19910
246	2045	ALT3	WB	PM	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	35024	1537	36561	55	50	14593	640	15233
247	2045	ALT3	WB	PM	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	32307	1498	33805	52	50	19212	891	20103
248	2045	ALT3	WB	PM	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	33909	1533	35442	56	50	5773	261	6034
249	2045	ALT3	WB	PM	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	30690	1451	32141	58	50	18113	856	18969
250	2045	ALT3	WB	PM	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	35699	1585	37284	55	50	30438	1351	31789
251	2045	ALT3	WB	PM	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	31619	1487	33106	53	50	22972	1080	24052
252	2045	ALT3	WB	PM	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	34989	1588	36577	55	50	18331	832	19163
253	2045	ALT3	WB	PM	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	34989	1588	36577	55	50	13128	596	13724
254	2045	ALT3	WB	PM	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	34989	1588	36577	55	50	12655	574	13229
255	2045	ALT3	WB	PM	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	30889	1568	32457	53	50	21311	1082	22393
256	2045	ALT3	WB	PM	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	33382	1621	35003	57	50	13009	632	13641
257	2045	ALT3	WB	PM	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	29900	1554	31454	54	50	16117	838	16955
258	2045	ALT3	WB	PM	Mainline		Citrus Ave On-Ramp to Beach (	24527	0.42	33409	1658	35067	60	50	13972	693	14665
259	2045	ALT3	WB	PM	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	31205	1596	32801	61	50	19677	1006	20683
260	2045	ALT3	WB	PM	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	33695	1686	35381	59	50	13290	665	13955
261	2045	ALT3	WB	PM	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	29562	1510	31072	58	50	16272	831	17103
262	2045	ALT3	WB	PM	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	32708	1683	34391	60	50	41472	2134	43606
263	2045	ALT3	WB	PM	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	30853	1537	32390	58	50	20951	1044	21995
264	2045	ALT3	WB	PM	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	34145	1653	35798	47	47	8888	430	9318
265	2045	ALT3	WB	PM	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	35540	1711	37251	53	50	4729	228	4957
266	2045	ALT3	WB	PM	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	28361	1308	29669	55	50	16089	742	16831
267	2045	ALT3	WB	PM	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	36060	1540	37600	53	50	4795	205	5000
268	2045	ALT3	WB	PM	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	40990	1653	42643	59	50	846	34	880
269	2045	ALT3	WB	PM	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	38579	1465	40044	50	50	22390	850	23240
270	2045	ALT3	WB	PM	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	41525	1553	43078	45	45	10366	388	10754
271	2045	ALT3	WB	PM	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	38730	1385	40115	37	37	15928	570	16498
272	2045	ALT3	WB	PM	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	36956	1446	38402	42	42	10669	417	11086
273	2045	ALT3	WB	PM	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	39269	1492	40761	49	49	10734	408	11142
274	2045	ALT3	WB	PM	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	37197	1446	38643	52	50	12070	469	12539
275	2045	ALT3	WB	PM	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	32006	1145	33151	57	50	20024	716	20740
276	2045	ALT3	WB	PM	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	37561	1216	38777	58	50	5747	186	5933
277	2045	ALT3	WB	PM	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	33021	1139	34160	56	50	11940	412	12352
278	2045	ALT3	WB	PM	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	35125	1243	36368	54	50	6685	237	6922
279	2045	ALT3	WB	PM	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	37045	1291	38336	45	45	13480	470	13950
280	2045	ALT3	WB	PM	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	31539	1200	32739	53	50	12254	466	12720
281	2045	ALT3	WB	PM	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	36054	1304	37358	47	47	9340	338	9678
282	2045	ALT3	WB	PM	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	32725	1249	33974	52	50	13038	498	13536
283	2045	ALT3	WB	PM	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	34539	1278	35817	49	49	12403	459	12862
284	2045	ALT3	WB	PM	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	37136	1323	38459	44	44	15706	560	16266
285	2045	ALT3	WB	PM	Mainline		Mountain Ave Off-Ramp to Mc	23421	0.33	33505	1151	34656	51	50	10937	376	11313
286	2045	ALT3	WB	PM	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	35917	1192	37109	47	47	9856	327	10183

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Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
287	2045	ALT3	WB	PM	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	32429	1052	33481	53	50	17072	554	17626
288	2045	ALT3	WB	PM	Mainline		Central Ave On-Ramp to Mont	23492	0.05	35507	1119	36626	56	50	1792	56	1848
289	2045	ALT3	WB	PM	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	32369	1030	33399	53	50	18126	577	18703
290	2045	ALT3	WB	PM	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	1404	22	1426	34	34	755	12	767
291	2045	ALT3	WB	PM	Ramp	ON	Ford St On-Ramp	94684	0.23	2612	47	2659	26	26	590	11	601
292	2045	ALT3	WB	PM	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	873	13	886	32	32	242	4	246
293	2045	ALT3	WB	PM	Ramp	ON	University St On-Ramp	94674	0.21	3102	74	3176	10	10	656	16	672
294	2045	ALT3	WB	PM	Ramp	OFF	6th St Off-Ramp	94690	0.26	1828	42	1870	21	21	484	11	495
295	2045	ALT3	WB	PM	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	3341	47	3388	9	9	644	9	653
296	2045	ALT3	WB	PM	Ramp	ON	Orange St On-Ramp	2676749	0.16	2121	91	2212	15	15	333	14	347
297	2045	ALT3	WB	PM	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	10363	1355	11718	21	21	8959	1171	10130
298	2045	ALT3	WB	PM	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	667	11	678	27	27	45	1	46
299	2045	ALT3	WB	PM	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	721	19	740	32	32	261	7	268
300	2045	ALT3	WB	PM	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	4767	95	4862	29	29	4755	95	4850
301	2045	ALT3	WB	PM	Ramp	ON	Alabama St On-Ramp	2676731	0.12	6745	171	6916	11	11	806	20	826
302	2045	ALT3	WB	PM	Ramp	OFF	California St Off-Ramp	94793	0.13	1267	33	1300	30	30	164	4	168
303	2045	ALT3	WB	PM	Ramp	ON	California St On-Ramp	2676730	0.11	5019	121	5140	19	19	575	14	589
304	2045	ALT3	WB	PM	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	2415	64	2479	23	23	281	7	288
305	2045	ALT3	WB	PM	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	6347	181	6528	13	13	866	25	891
306	2045	ALT3	WB	PM	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1342	21	1363	23	23	291	5	296
307	2045	ALT3	WB	PM	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3734	37	3771	5	5	462	5	467
308	2045	ALT3	WB	PM	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1891	62	1953	18	18	461	15	476
309	2045	ALT3	WB	PM	Ramp	ON	Hospitality Ln/ Carnegie Dr On	2676734	0.13	3527	101	3628	6	6	464	13	477
310	2045	ALT3	WB	PM	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	15643	637	16280	19	19	2746	112	2858
311	2045	ALT3	WB	PM	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	2637	50	2687	11	11	870	16	886
312	2045	ALT3	WB	PM	Ramp	ON	I-215 NB On-Ramp	24504	0.53	615	14	629	24	24	327	7	334
313	2045	ALT3	WB	PM	Ramp	ON	I-215 SB On-Ramp	24517	0.43	8512	192	8704	28	28	3648	82	3730
314	2045	ALT3	WB	PM	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	2217	32	2249	19	19	535	8	543
315	2045	ALT3	WB	PM	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	2636	62	2698	18	18	693	16	709
316	2045	ALT3	WB	PM	Ramp	OFF	9th St Off-Ramp	94928	0.21	1932	18	1950	21	21	412	4	416
317	2045	ALT3	WB	PM	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1559	41	1600	17	17	488	13	501
318	2045	ALT3	WB	PM	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	1933	19	1952	21	21	518	5	523
319	2045	ALT3	WB	PM	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	2428	49	2477	18	18	774	16	790
320	2045	ALT3	WB	PM	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	2716	40	2756	15	15	487	7	494
321	2045	ALT3	WB	PM	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1602	35	1637	17	17	543	12	555
322	2045	ALT3	WB	PM	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	3219	82	3301	10	10	343	9	352
323	2045	ALT3	WB	PM	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	5010	133	5143	27	27	1564	42	1606
324	2045	ALT3	WB	PM	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	4080	98	4178	24	24	533	13	546
325	2045	ALT3	WB	PM	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	3370	101	3471	17	17	1386	42	1428
326	2045	ALT3	WB	PM	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	2347	32	2379	18	18	812	11	823
327	2045	ALT3	WB	PM	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1979	68	2047	15	15	717	25	742
328	2045	ALT3	WB	PM	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	3904	56	3960	24	24	453	6	459
329	2045	ALT3	WB	PM	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	2493	53	2546	18	18	610	13	623
330	2045	ALT3	WB	PM	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	3482	67	3549	25	25	376	7	383
331	2045	ALT3	WB	PM	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	3508	104	3612	28	28	1049	31	1080
332	2045	ALT3	WB	PM	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	2203	62	2265	33	33	644	18	662
333	2045	ALT3	WB	PM	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	2490	90	2580	29	29	860	31	891
334	2045	ALT3	WB	PM	Ramp	OFF	Cherry Off-Ramp	94837	0.13	4134	176	4310	29	29	535	23	558
335	2045	ALT3	WB	PM	Ramp	ON	Cherry On-Ramp	95966	0.28	4515	173	4688	27	27	1263	48	1311

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
336	2045	ALT3	WB	PM	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1855	146	2001	26	26	940	74	1014
337	2045	ALT3	WB	PM	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	3292	116	3408	23	23	633	22	655
338	2045	ALT3	WB	PM	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	1395	58	1453	28	28	511	21	532
339	2045	ALT3	WB	PM	Ramp	OFF	I-15 Off-Ramp	24554	0.28	7179	403	7582	42	42	2022	114	2136
340	2045	ALT3	WB	PM	Ramp	ON	I-15 SB On-Ramp	23554	0.63	7699	232	7931	29	29	4845	146	4991
341	2045	ALT3	WB	PM	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4930	113	5043	20	20	4943	113	5056
342	2045	ALT3	WB	PM	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	2411	188	2599	26	26	485	38	523
343	2045	ALT3	WB	PM	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2946	88	3034	9	9	521	16	537
344	2045	ALT3	WB	PM	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	2794	168	2962	25	25	489	29	518
345	2045	ALT3	WB	PM	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	2522	61	2583	12	12	241	6	247
346	2045	ALT3	WB	PM	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	2314	45	2359	13	13	449	9	458
347	2045	ALT3	WB	PM	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	2072	46	2118	17	17	376	8	384
348	2045	ALT3	WB	PM	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	5191	301	5492	26	26	2992	173	3165
349	2045	ALT3	WB	PM	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	5555	71	5626	18	18	1017	13	1030
350	2045	ALT3	WB	PM	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	4540	77	4617	29	29	1460	25	1485
351	2045	ALT3	WB	PM	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	2105	103	2208	15	15	335	16	351
352	2045	ALT3	WB	PM	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1921	48	1969	19	19	391	10	401
353	2045	ALT3	WB	PM	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	5506	91	5597	20	20	1393	23	1416
354	2045	ALT3	WB	PM	Ramp	ON	4th St On-Ramp	2731498	0.26	4514	104	4618	15	15	1162	27	1189
355	2045	ALT3	WB	PM	Ramp	OFF	7th St Off-Ramp	94628	0.20	3213	55	3268	10	10	652	11	663
356	2045	ALT3	WB	PM	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1814	29	1843	16	16	432	7	439
357	2045	ALT3	WB	PM	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2597	45	2642	13	13	981	17	998
358	2045	ALT3	WB	PM	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3631	172	3803	5	5	505	24	529
359	2045	ALT3	WB	PM	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2429	41	2470	14	14	493	8	501
360	2045	ALT3	WB	PM	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	3488	140	3628	7	7	465	19	484
361	2045	ALT3	WB	PM	Ramp	ON	Central Ave On-Ramp	2668754	0.12	3078	67	3145	10	10	372	8	380
362	2045	ALT3	WB	PM	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	3138	89	3227	11	11	710	20	730
363	2045	ALT3	WB	PM	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	2294	28	2322	14	14	758	9	767
364	2045	ALT3	WB	PM	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O		0.40					50			
365	2045	ALT3	WB	PM	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar		0.78					50			
366	2045	ALT3	WB	PM	HOT		Ford St On-Ramp to Cypress Av	2731628	0.50	3521		3521	58	50	1755		1755
367	2045	ALT3	WB	PM	HOT		Cypress Ave Off-Ramp to Unive	2731628	0.75	3521		3521	58	50	2637		2637
368	2045	ALT3	WB	PM	HOT		University St On-Ramp to 6th S	2731628	0.38	3521		3521	58	50	1336		1336
369	2045	ALT3	WB	PM	HOT		6th St Off-Ramp to Orange St L	2731628	0.36	3521		3521	58	50	1266		1266
370	2045	ALT3	WB	PM	HOT		Orange St Loop On-Ramp to Or	2731626	0.37	3521		3521	58	50	1319		1319
371	2045	ALT3	WB	PM	HOT		Orange St On-Ramp to SR-210	2731626	0.17	3521		3521	58	50	607		607
372	2045	ALT3	WB	PM	HOT		SR-210 Off-Ramp to Tennessee	2731626	0.27	3521		3521	58	50	938		938
373	2045	ALT3	WB	PM	HOT		Tennessee St Off-Ramp to Alab	2731626	0.17	3521		3521	58	50	614		614
374	2045	ALT3	WB	PM	HOT		Alabama St Off-Ramp to SR-21	2731626	0.78	3521		3521	58	50	2757		2757
375	2045	ALT3	WB	PM	HOT		SR-210 SB On-Ramp to Alabam	2731626	0.26	3521		3521	58	50	919		919
376	2045	ALT3	WB	PM	HOT		Alabama St On-Ramp to Califor	2731626	0.12	3521		3521	58	50	428		428
377	2045	ALT3	WB	PM	HOT		California St Off-Ramp to Califc	2731613	0.86	7639		7639	59	50	6584		6584
378	2045	ALT3	WB	PM	HOT		California St On-Ramp to Mour	2731613	0.19	7639		7639	59	50	1470		1470
379	2045	ALT3	WB	PM	HOT		Mountain View Ave Off-Ramp t	2779137	0.22	10287		10287	56	50	2289		2289
380	2045	ALT3	WB	PM	HOT		Mountain View Ave On-Ramp t	2779137	0.21	10287		10287	56	50	2127		2127
381	2045	ALT3	WB	PM	HOT		Tippecanoe Ave Off-Ramp to T	2779137	0.76	10287		10287	56	50	7793		7793
382	2045	ALT3	WB	PM	HOT		Tippecanoe Ave On-Ramp to H	2779137	0.11	10287		10287	56	50	1147		1147
383	2045	ALT3	WB	PM	HOT		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	10287		10287	56	50	4895		4895
384	2045	ALT3	WB	PM	HOT		Hospitality Ln/ Carnegie Dr On	2779137	0.28	10287		10287	56	50	2899		2899

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
385	2045	ALT3	WB	PM	HOT		I-215 NB Off-Ramp to Sunwest	2779137	0.70	10287		10287	56	50	7227		7227
386	2045	ALT3	WB	PM	HOT		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	10287		10287	56	50	2153		2153
387	2045	ALT3	WB	PM	HOT		I-215 NB On-Ramp to I-215 SB	2779137	0.18	10287		10287	56	50	1882		1882
388	2045	ALT3	WB	PM	HOT		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	10287		10287	56	50	1906		1906
389	2045	ALT3	WB	PM	HOT		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	10287		10287	56	50	7472		7472
390	2045	ALT3	WB	PM	HOT		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	9774		9774	57	50	453		453
391	2045	ALT3	WB	PM	HOT		9th St Off-Ramp to La Cadena I	2779131	0.62	9774		9774	57	50	6055		6055
392	2045	ALT3	WB	PM	HOT		La Cadena Dr On-Ramp to Ran	2779131	0.09	9774		9774	57	50	861		861
393	2045	ALT3	WB	PM	HOT		Rancho Ave Off-Ramp to Ranch	2779131	0.58	9774		9774	57	50	5710		5710
394	2045	ALT3	WB	PM	HOT		Rancho Ave On-Ramp to Peppe	2779131	0.42	9774		9774	57	50	4072		4072
395	2045	ALT3	WB	PM	HOT		Pepper Ave Off-Ramp to Peppe	2779131	0.59	9774		9774	57	50	5812		5812
396	2045	ALT3	WB	PM	HOT		Pepper Ave On-Ramp to Rivers	2779131	0.17	9774		9774	57	50	1664		1664
397	2045	ALT3	WB	PM	HOT		Riverside Ave Off-Ramp to Rive	2779131	0.59	9774		9774	57	50	5768		5768
398	2045	ALT3	WB	PM	HOT		Riverside Ave On-Ramp to Ced	2779131	0.85	9774		9774	57	50	8334		8334
399	2045	ALT3	WB	PM	HOT		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	9774		9774	57	50	7101		7101
400	2045	ALT3	WB	PM	HOT		Cedar Ave On-Ramp to Alder A	2779131	0.52	9774		9774	57	50	5121		5121
401	2045	ALT3	WB	PM	HOT		Alder Ave Off-Ramp to Alder A	2731555	0.38	9774		9774	57	50	3667		3667
402	2045	ALT3	WB	PM	HOT		Alder Ave On-Ramp to Alder Av	2731555	0.36	9774		9774	57	50	3535		3535
403	2045	ALT3	WB	PM	HOT		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	9602		9602	57	50	6625		6625
404	2045	ALT3	WB	PM	HOT		Sierra Ave On-Ramp to Citrus A	2731555	0.39	9602		9602	57	50	3742		3742
405	2045	ALT3	WB	PM	HOT		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	9602		9602	57	50	5176		5176
406	2045	ALT3	WB	PM	HOT		Citrus Ave On-Ramp to Beach (	2731555	0.42	9602		9602	57	50	4016		4016
407	2045	ALT3	WB	PM	HOT		Beach Ave Off-Ramp to Beach	2731555	0.63	9602		9602	57	50	6055		6055
408	2045	ALT3	WB	PM	HOT		Beach Ave On-Ramp to Cherry	2731555	0.39	9602		9602	57	50	3787		3787
409	2045	ALT3	WB	PM	HOT		Cherry Off-Ramp to Cherry On-	2731555	0.55	9602		9602	57	50	5285		5285
410	2045	ALT3	WB	PM	HOT		Cherry On-Ramp to Etiwanda A	2779119	1.27	10970		10970	55	50	13910		13910
411	2045	ALT3	WB	PM	HOT		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	10970		10970	55	50	7449		7449
412	2045	ALT3	WB	PM	HOT		Etiwanda Ave Loop On-Ramp t	2779119	0.26	10970		10970	55	50	2855		2855
413	2045	ALT3	WB	PM	HOT		Etiwanda Ave On-Ramp to I-15	2779119	0.13	10970		10970	55	50	1460		1460
414	2045	ALT3	WB	PM	HOT		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	10970		10970	55	50	6223		6223
415	2045	ALT3	WB	PM	HOT		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	10970		10970	55	50	1459		1459
416	2045	ALT3	WB	PM	HOT		I-15 NB On-Ramp to Milliken A	2779119	0.02	10970		10970	55	50	227		227
417	2045	ALT3	WB	PM	HOT		Milliken Ave Off-Ramp to Millik	2779119	0.58	10970		10970	55	50	6367		6367
418	2045	ALT3	WB	PM	HOT		Milliken Ave On-Ramp to Have	2779119	0.25	10970		10970	55	50	2738		2738
419	2045	ALT3	WB	PM	HOT		Haven Ave Off-Ramp to Haven	2779119	0.41	10970		10970	55	50	4511		4511
420	2045	ALT3	WB	PM	HOT		Haven Ave Loop On-Ramp to H	2779113	0.29	15266		15266	54	50	4407		4407
421	2045	ALT3	WB	PM	HOT		Haven Ave On-Ramp to Archiba	2779113	0.27	15266		15266	54	50	4173		4173
422	2045	ALT3	WB	PM	HOT		Archibald Ave Off-Ramp to Hol	2779113	0.32	15266		15266	54	50	4954		4954
423	2045	ALT3	WB	PM	HOT		Holt Blvd Off-Ramp to Archibal	2779113	0.63	15266		15266	54	50	9551		9551
424	2045	ALT3	WB	PM	HOT		Archibald Ave On-Ramp to Vine	2779113	0.15	15266		15266	54	50	2336		2336
425	2045	ALT3	WB	PM	HOT		Vineyard Ave Off-Ramp to Vine	2779113	0.36	15266		15266	54	50	5520		5520
426	2045	ALT3	WB	PM	HOT		Vineyard Ave Loop On-Ramp to	2779113	0.19	15266		15266	54	50	2905		2905
427	2045	ALT3	WB	PM	HOT		Vineyard Ave On-Ramp to 4th S	2779113	0.36	15266		15266	54	50	5555		5555
428	2045	ALT3	WB	PM	HOT		4th St Off-Ramp to 4th St On-R	2779113	0.39	15266		15266	54	50	5931		5931
429	2045	ALT3	WB	PM	HOT		4th St On-Ramp to 7th St Off-R	2779113	0.26	15266		15266	54	50	3955		3955
430	2045	ALT3	WB	PM	HOT		7th St Off-Ramp to Euclid Ave I	2779107	0.40	15382		15382	49	49	6128		6128
431	2045	ALT3	WB	PM	HOT		Euclid Ave Loop On-Ramp to Eu	2779107	0.36	15382		15382	49	49	5524		5524
432	2045	ALT3	WB	PM	HOT		Euclid Ave On-Ramp to Mounta	2779107	0.42	15382		15382	49	49	6506		6506
433	2045	ALT3	WB	PM	HOT		Mountain Ave Off-Ramp to Mc	2760177	0.33	15398		15398	49	49	5026		5026

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
434	2045	ALT3	WB	PM	HOT		Mountain Ave On-Ramp to Cer	2760177	0.27	15398		15398	49	49	4225		4225
435	2045	ALT3	WB	PM	HOT		Central Ave Off-Ramp to Centr	2760177	0.53	15398		15398	49	49	8106		8106
436	2045	ALT3	WB	PM	HOT		Central Ave On-Ramp to Mont	2760177	0.05	15398		15398	49	49	777		777
437	2045	ALT3	WB	PM	HOT		Monte Vista Ave Off-Ramp to M	2760177	0.56	15398		15398	49	49	8623		8623
216	2045	ALT3	WB	NT	Mainline		Wabash Ave Off-Ramp to Redl	2731682	0.40	14361	4519	18880	64	50	5775	1817	7592
217	2045	ALT3	WB	NT	Mainline		Redlands Blvd/Ford St Off-Ram	23687	0.78	13520	4497	18017	64	50	10562	3513	14075
218	2045	ALT3	WB	NT	Mainline		Ford St On-Ramp to Cypress Av	23657	0.50	17104	4543	21647	64	50	8523	2264	10787
219	2045	ALT3	WB	NT	Mainline		Cypress Ave Off-Ramp to Unive	23646	0.75	16532	4529	21061	64	50	12384	3393	15777
220	2045	ALT3	WB	NT	Mainline		University St On-Ramp to 6th S	23726	0.38	19515	4649	24164	64	50	7404	1764	9168
221	2045	ALT3	WB	NT	Mainline		6th St Off-Ramp to Orange St L	23699	0.36	18204	4591	22795	64	50	6547	1651	8198
222	2045	ALT3	WB	NT	Mainline		Orange St Loop On-Ramp to Or	23715	0.37	20612	4682	25294	64	50	7721	1754	9475
223	2045	ALT3	WB	NT	Mainline		Orange St On-Ramp to SR-210	24215	0.17	21317	4741	26058	64	50	3676	818	4494
224	2045	ALT3	WB	NT	Mainline		SR-210 Off-Ramp to Tennessee	24177	0.27	17982	4371	22353	64	50	4793	1165	5958
225	2045	ALT3	WB	NT	Mainline		Tennessee St Off-Ramp to Alab	24197	0.17	17450	4355	21805	64	50	3045	760	3805
226	2045	ALT3	WB	NT	Mainline		Alabama St Off-Ramp to SR-21	24109	0.78	16904	4335	21239	64	50	13234	3394	16628
227	2045	ALT3	WB	NT	Mainline		SR-210 SB On-Ramp to Alabam	24165	0.26	19141	4404	23545	64	50	4997	1150	6147
228	2045	ALT3	WB	NT	Mainline		Alabama St On-Ramp to Califor	24057	0.12	25114	4816	29930	64	50	3055	586	3641
229	2045	ALT3	WB	NT	Mainline		California St Off-Ramp to Califo	24044	0.86	22092	4780	26872	64	50	19042	4120	23162
230	2045	ALT3	WB	NT	Mainline		California St On-Ramp to Mour	24077	0.19	24567	4994	29561	64	50	4728	961	5689
231	2045	ALT3	WB	NT	Mainline		Mountain View Ave Off-Ramp t	24041	0.22	22588	4905	27493	64	50	5026	1091	6117
232	2045	ALT3	WB	NT	Mainline		Mountain View Ave On-Ramp t	23990	0.21	26200	5152	31352	64	50	5416	1065	6481
233	2045	ALT3	WB	NT	Mainline		Tippecanoe Ave Off-Ramp to T	24014	0.76	25163	5129	30292	63	50	19062	3885	22947
234	2045	ALT3	WB	NT	Mainline		Tippecanoe Ave On-Ramp to H	24323	0.11	28495	5273	33768	63	50	3178	588	3766
235	2045	ALT3	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr Off	24352	0.48	26886	5161	32047	62	50	12793	2456	15249
236	2045	ALT3	WB	NT	Mainline		Hospitality Ln/ Carnegie Dr On	85477	0.28	28501	5322	33823	63	50	8031	1500	9531
237	2045	ALT3	WB	NT	Mainline		I-215 NB Off-Ramp to Sunwest	24249	0.70	15905	3823	19728	64	50	11174	2686	13860
238	2045	ALT3	WB	NT	Mainline		Sunwest Ln On-Ramp to I-215 I	24539	0.21	17287	3920	21207	63	50	3617	820	4437
239	2045	ALT3	WB	NT	Mainline		I-215 NB On-Ramp to I-215 SB	24506	0.18	17521	3935	21456	63	50	3205	720	3925
240	2045	ALT3	WB	NT	Mainline		I-215 SB On-Ramp to Sperry Dr	24585	0.19	22257	4246	26503	64	50	4123	787	4910
241	2045	ALT3	WB	NT	Mainline		Sperry Dr/Valley Blvd Off-Ramp	85479	0.73	21185	4213	25398	63	50	15388	3060	18448
242	2045	ALT3	WB	NT	Mainline		Mt Vernon Ave On-Ramp to 9t	24472	0.05	22069	4290	26359	64	50	1022	199	1221
243	2045	ALT3	WB	NT	Mainline		9th St Off-Ramp to La Cadena I	24601	0.62	20108	4231	24339	63	50	12457	2621	15078
244	2045	ALT3	WB	NT	Mainline		La Cadena Dr On-Ramp to Ranc	24337	0.09	21229	4315	25544	64	50	1870	380	2250
245	2045	ALT3	WB	NT	Mainline		Rancho Ave Off-Ramp to Ranch	24067	0.58	20599	4304	24903	63	50	12033	2514	14547
246	2045	ALT3	WB	NT	Mainline		Rancho Ave On-Ramp to Peppe	24184	0.42	21844	4364	26208	64	50	9101	1818	10919
247	2045	ALT3	WB	NT	Mainline		Pepper Ave Off-Ramp to Peppe	23684	0.59	20006	4301	24307	63	50	11897	2558	14455
248	2045	ALT3	WB	NT	Mainline		Pepper Ave On-Ramp to Rivers	23803	0.17	21527	4368	25895	64	50	3665	744	4409
249	2045	ALT3	WB	NT	Mainline		Riverside Ave Off-Ramp to Rive	23893	0.59	18987	4210	23197	64	50	11206	2485	13691
250	2045	ALT3	WB	NT	Mainline		Riverside Ave On-Ramp to Ced	23865	0.85	21753	4434	26187	64	50	18547	3781	22328
251	2045	ALT3	WB	NT	Mainline		Cedar Ave Off-Ramp to Cedar A	23791	0.73	20138	4359	24497	63	50	14631	3167	17798
252	2045	ALT3	WB	NT	Mainline		Cedar Ave On-Ramp to Alder A	24227	0.52	22180	4520	26700	64	50	11620	2368	13988
253	2045	ALT3	WB	NT	Mainline		Alder Ave Off-Ramp to Alder A	2661438	0.38	22180	4520	26700	64	50	8322	1696	10018
254	2045	ALT3	WB	NT	Mainline		Alder Ave On-Ramp to Alder Av	2661436	0.36	22180	4520	26700	64	50	8022	1635	9657
255	2045	ALT3	WB	NT	Mainline		Sierra Ave Off-Ramp to Sierra A	24271	0.69	19938	4567	24505	63	50	13756	3151	16907
256	2045	ALT3	WB	NT	Mainline		Sierra Ave On-Ramp to Citrus A	2731542	0.39	21419	4645	26064	64	50	8347	1810	10157
257	2045	ALT3	WB	NT	Mainline		Citrus Ave Off-Ramp to Citrus A	24494	0.54	19721	4559	24280	63	50	10630	2457	13087
258	2045	ALT3	WB	NT	Mainline		Citrus Ave On-Ramp to Beach C	24527	0.42	21955	4733	26688	64	50	9182	1979	11161
259	2045	ALT3	WB	NT	Mainline		Beach Ave Off-Ramp to Beach	2661434	0.63	20790	4642	25432	64	50	13110	2927	16037
260	2045	ALT3	WB	NT	Mainline		Beach Ave On-Ramp to Cherry	2661432	0.39	22694	4841	27535	64	50	8951	1909	10860

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
261	2045	ALT3	WB	NT	Mainline		Cherry Off-Ramp to Cherry On-	24225	0.55	20378	4604	24982	64	50	11217	2534	13751
262	2045	ALT3	WB	NT	Mainline		Cherry On-Ramp to Etiwanda A	23650	1.27	22872	5101	27973	64	50	29001	6468	35469
263	2045	ALT3	WB	NT	Mainline		Etiwanda Ave Off-Ramp to Etiv	1656583	0.68	21537	4913	26450	64	50	14625	3336	17961
264	2045	ALT3	WB	NT	Mainline		Etiwanda Ave Loop On-Ramp t	23779	0.26	22897	5274	28171	63	50	5960	1373	7333
265	2045	ALT3	WB	NT	Mainline		Etiwanda Ave On-Ramp to I-15	23978	0.13	23039	5319	28358	63	50	3066	708	3774
266	2045	ALT3	WB	NT	Mainline		I-15 Off-Ramp to I-15 SB On-Ra	24553	0.57	16493	4737	21230	63	50	9356	2687	12043
267	2045	ALT3	WB	NT	Mainline		I-15 SB On-Ramp to I-15 NB On	23507	0.13	23355	6194	29549	63	50	3105	824	3929
268	2045	ALT3	WB	NT	Mainline		I-15 NB On-Ramp to Milliken A	23435	0.02	27909	6591	34500	63	50	576	136	712
269	2045	ALT3	WB	NT	Mainline		Milliken Ave Off-Ramp to Millik	85493	0.58	26424	6352	32776	63	50	15336	3687	19023
270	2045	ALT3	WB	NT	Mainline		Milliken Ave On-Ramp to Have	23621	0.25	28556	6743	35299	63	50	7128	1683	8811
271	2045	ALT3	WB	NT	Mainline		Haven Ave Off-Ramp to Haven	23616	0.41	26777	6493	33270	62	50	11012	2670	13682
272	2045	ALT3	WB	NT	Mainline		Haven Ave Loop On-Ramp to H	1658020	0.29	25606	6670	32276	62	50	7393	1926	9319
273	2045	ALT3	WB	NT	Mainline		Haven Ave On-Ramp to Archib	23603	0.27	27231	6874	34105	63	50	7443	1879	9322
274	2045	ALT3	WB	NT	Mainline		Archibald Ave Off-Ramp to Hol	1656573	0.32	25454	6752	32206	63	50	8259	2191	10450
275	2045	ALT3	WB	NT	Mainline		Holt Blvd Off-Ramp to Archibal	85509	0.63	21198	6202	27400	64	50	13262	3880	17142
276	2045	ALT3	WB	NT	Mainline		Archibald Ave On-Ramp to Vine	23575	0.15	25606	6504	32110	64	50	3918	995	4913
277	2045	ALT3	WB	NT	Mainline		Vineyard Ave Off-Ramp to Vine	23568	0.36	23112	6406	29518	64	50	8357	2316	10673
278	2045	ALT3	WB	NT	Mainline		Vineyard Ave Loop On-Ramp to	1658017	0.19	24294	6666	30960	64	50	4623	1269	5892
279	2045	ALT3	WB	NT	Mainline		Vineyard Ave On-Ramp to 4th S	23538	0.36	25712	6779	32491	63	50	9356	2467	11823
280	2045	ALT3	WB	NT	Mainline		4th St Off-Ramp to 4th St On-R	23470	0.39	22595	6653	29248	63	50	8779	2585	11364
281	2045	ALT3	WB	NT	Mainline		4th St On-Ramp to 7th St Off-R	2733881	0.26	26443	6895	33338	63	50	6850	1786	8636
282	2045	ALT3	WB	NT	Mainline		7th St Off-Ramp to Euclid Ave I	23447	0.40	24358	6792	31150	63	50	9704	2706	12410
283	2045	ALT3	WB	NT	Mainline		Euclid Ave Loop On-Ramp to Eu	1658013	0.36	25666	6880	32546	63	50	9217	2471	11688
284	2045	ALT3	WB	NT	Mainline		Euclid Ave On-Ramp to Mounta	23434	0.42	27863	6974	34837	62	50	11784	2950	14734
285	2045	ALT3	WB	NT	Mainline		Mountain Ave Off-Ramp to Mo	23421	0.33	24498	6794	31292	63	50	7997	2218	10215
286	2045	ALT3	WB	NT	Mainline		Mountain Ave On-Ramp to Cer	23479	0.27	25668	6912	32580	63	50	7043	1897	8940
287	2045	ALT3	WB	NT	Mainline		Central Ave Off-Ramp to Centr	23489	0.53	23076	6767	29843	63	50	12149	3563	15712
288	2045	ALT3	WB	NT	Mainline		Central Ave On-Ramp to Monte	23492	0.05	25587	6909	32496	63	50	1291	349	1640
289	2045	ALT3	WB	NT	Mainline		Monte Vista Ave Off-Ramp to M	23501	0.56	24271	6806	31077	63	50	13591	3811	17402
290	2045	ALT3	WB	NT	Ramp	OFF	Redlands Blvd/Ford St Off-Ram	94687	0.54	841	22	863	35	35	452	12	464
291	2045	ALT3	WB	NT	Ramp	ON	Ford St On-Ramp	94684	0.23	1528	46	1574	29	29	345	10	355
292	2045	ALT3	WB	NT	Ramp	OFF	Cypress Ave Off-Ramp	94678	0.28	572	14	586	34	34	159	4	163
293	2045	ALT3	WB	NT	Ramp	ON	University St On-Ramp	94674	0.21	2983	120	3103	18	18	631	25	656
294	2045	ALT3	WB	NT	Ramp	OFF	6th St Off-Ramp	94690	0.26	1311	58	1369	28	28	347	15	362
295	2045	ALT3	WB	NT	Ramp	ON	Orange St Loop On-Ramp	1658034	0.19	2485	92	2577	18	18	479	18	497
296	2045	ALT3	WB	NT	Ramp	ON	Orange St On-Ramp	2676749	0.16	705	59	764	20	20	111	9	120
297	2045	ALT3	WB	NT	Ramp	OFF	SR-210 NB Off-Ramp	24176	0.86	3335	370	3705	30	30	2883	320	3203
298	2045	ALT3	WB	NT	Ramp	OFF	Tennessee St Off-Ramp	94829	0.07	531	16	547	29	29	36	1	37
299	2045	ALT3	WB	NT	Ramp	OFF	Alabama St Off-Ramp	94808	0.36	547	20	567	34	34	198	7	205
300	2045	ALT3	WB	NT	Ramp	ON	SR-210 SB On-Ramp	24138	1.00	2237	69	2306	30	30	2231	69	2300
301	2045	ALT3	WB	NT	Ramp	ON	Alabama St On-Ramp	2676731	0.12	5973	412	6385	26	26	714	49	763
302	2045	ALT3	WB	NT	Ramp	OFF	California St Off-Ramp	94793	0.13	846	36	882	34	34	109	5	114
303	2045	ALT3	WB	NT	Ramp	ON	California St On-Ramp	2676730	0.11	2476	213	2689	29	29	284	24	308
304	2045	ALT3	WB	NT	Ramp	OFF	Mountain View Ave Off-Ramp	94792	0.12	1979	88	2067	32	32	231	10	241
305	2045	ALT3	WB	NT	Ramp	ON	Mountain View Ave On-Ramp	2676729	0.14	2947	247	3194	28	28	402	34	436
306	2045	ALT3	WB	NT	Ramp	OFF	Tippecanoe Ave Off-Ramp	94784	0.22	1037	23	1060	28	28	225	5	230
307	2045	ALT3	WB	NT	Ramp	ON	Tippecanoe Ave On-Ramp	2676728	0.12	3332	144	3476	17	17	412	18	430
308	2045	ALT3	WB	NT	Ramp	OFF	Hospitality Ln/ Carnegie Dr Off	129112	0.24	1611	111	1722	26	26	393	27	420
309	2045	ALT3	WB	NT	Ramp	ON	Hospitality Ln/ Carnegie Dr On-	2676734	0.13	1616	161	1777	18	18	213	21	234

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
310	2045	ALT3	WB	NT	Ramp	OFF	I-215 NB Off-Ramp	24250	0.18	12596	1499	14095	44	44	2211	263	2474
311	2045	ALT3	WB	NT	Ramp	ON	Sunwest Ln On-Ramp	96199	0.33	1383	96	1479	19	19	456	32	488
312	2045	ALT3	WB	NT	Ramp	ON	I-215 NB On-Ramp	24504	0.53	234	15	249	25	25	124	8	132
313	2045	ALT3	WB	NT	Ramp	ON	I-215 SB On-Ramp	24517	0.43	4735	312	5047	34	34	2029	134	2163
314	2045	ALT3	WB	NT	Ramp	OFF	Sperry Dr/Valley Blvd Off-Ramp	96149	0.24	1072	33	1105	28	28	259	8	267
315	2045	ALT3	WB	NT	Ramp	ON	Mt Vernon Ave On-Ramp	94903	0.26	1636	76	1712	20	20	430	20	450
316	2045	ALT3	WB	NT	Ramp	OFF	9th St Off-Ramp	94928	0.21	1962	58	2020	27	27	419	12	431
317	2045	ALT3	WB	NT	Ramp	ON	La Cadena Dr On-Ramp	94870	0.31	1121	84	1205	19	19	351	26	377
318	2045	ALT3	WB	NT	Ramp	OFF	Rancho Ave Off-Ramp	94799	0.27	630	11	641	29	29	169	3	172
319	2045	ALT3	WB	NT	Ramp	ON	Rancho Ave On-Ramp	95954	0.32	1245	60	1305	20	20	397	19	416
320	2045	ALT3	WB	NT	Ramp	OFF	Pepper Ave Off-Ramp	94686	0.18	1838	63	1901	27	27	330	11	341
321	2045	ALT3	WB	NT	Ramp	ON	Pepper Ave On-Ramp	129087	0.34	1521	67	1588	19	19	516	23	539
322	2045	ALT3	WB	NT	Ramp	OFF	Riverside Ave Off-Ramp	94749	0.11	2539	158	2697	26	26	271	17	288
323	2045	ALT3	WB	NT	Ramp	ON	Riverside Ave On-Ramp	96203	0.31	2766	224	2990	29	29	864	70	934
324	2045	ALT3	WB	NT	Ramp	OFF	Cedar Ave Off-Ramp	94712	0.13	1615	75	1690	29	29	211	10	221
325	2045	ALT3	WB	NT	Ramp	ON	Cedar Ave On-Ramp	95972	0.41	2042	161	2203	20	20	840	66	906
326	2045	ALT3	WB	NT	Ramp	OFF	Alder Ave Off-Ramp (Future)	2731646	0.35	1661	56	1717	27	27	574	19	593
327	2045	ALT3	WB	NT	Ramp	ON	Alder Ave On-Ramp (Future)	2731647	0.36	1870	177	2047	19	19	678	64	742
328	2045	ALT3	WB	NT	Ramp	OFF	Sierra Ave Off-Ramp	1656587	0.12	2565	74	2639	29	29	298	9	307
329	2045	ALT3	WB	NT	Ramp	ON	Sierra Ave On-Ramp	2668697	0.24	1481	77	1558	20	20	363	19	382
330	2045	ALT3	WB	NT	Ramp	OFF	Citrus Ave Off-Ramp	94906	0.11	1697	86	1783	29	29	183	9	192
331	2045	ALT3	WB	NT	Ramp	ON	Citrus Ave On-Ramp	95896	0.30	2233	174	2407	30	30	668	52	720
332	2045	ALT3	WB	NT	Ramp	OFF	Beach Ave Off-Ramp	2731639	0.29	1165	91	1256	35	35	341	27	368
333	2045	ALT3	WB	NT	Ramp	ON	Beach Ave On-Ramp	2731637	0.35	1904	199	2103	30	30	657	69	726
334	2045	ALT3	WB	NT	Ramp	OFF	Cherry Off-Ramp	94837	0.13	2316	237	2553	34	34	300	31	331
335	2045	ALT3	WB	NT	Ramp	ON	Cherry On-Ramp	95966	0.28	2895	498	3393	29	29	810	139	949
336	2045	ALT3	WB	NT	Ramp	OFF	Etiwanda Ave Off-Ramp	94746	0.51	1333	189	1522	33	33	675	96	771
337	2045	ALT3	WB	NT	Ramp	ON	Etiwanda Ave Loop/Commerce	1656582	0.19	1360	361	1721	33	33	262	69	331
338	2045	ALT3	WB	NT	Ramp	ON	Etiwanda Ave On-Ramp	2668708	0.37	142	45	187	30	30	52	16	68
339	2045	ALT3	WB	NT	Ramp	OFF	I-15 Off-Ramp	24554	0.28	6546	582	7128	47	47	1844	164	2008
340	2045	ALT3	WB	NT	Ramp	ON	I-15 SB On-Ramp	23554	0.63	6862	1457	8319	33	33	4318	917	5235
341	2045	ALT3	WB	NT	Ramp	ON	I-15 NB On-Ramp	23572	1.00	4555	396	4951	31	31	4567	397	4964
342	2045	ALT3	WB	NT	Ramp	OFF	Milliken Ave Off-Ramp	94627	0.20	1485	239	1724	29	29	299	48	347
343	2045	ALT3	WB	NT	Ramp	ON	Milliken Ave On-Ramp	2668719	0.18	2132	391	2523	17	17	377	69	446
344	2045	ALT3	WB	NT	Ramp	OFF	Haven Ave Off-Ramp	94669	0.17	1780	250	2030	29	29	311	44	355
345	2045	ALT3	WB	NT	Ramp	ON	Haven Ave Loop On-Ramp	2668724	0.10	1153	177	1330	19	19	110	17	127
346	2045	ALT3	WB	NT	Ramp	ON	Haven Ave On-Ramp	2668723	0.19	1625	204	1829	18	18	315	40	355
347	2045	ALT3	WB	NT	Ramp	OFF	Archibald Ave Off-Ramp	94662	0.18	1777	122	1899	26	26	322	22	344
348	2045	ALT3	WB	NT	Ramp	OFF	Holt Blvd Off-Ramp	96159	0.58	4255	550	4805	33	33	2452	317	2769
349	2045	ALT3	WB	NT	Ramp	ON	Archibald Ave On-Ramp	2668734	0.18	4407	303	4710	27	27	807	55	862
350	2045	ALT3	WB	NT	Ramp	OFF	Vineyard Ave Off-Ramp	94657	0.32	2493	99	2592	34	34	802	32	834
351	2045	ALT3	WB	NT	Ramp	ON	Vineyard Ave Loop On-Ramp	1658018	0.16	1180	261	1441	19	19	188	42	230
352	2045	ALT3	WB	NT	Ramp	ON	Vineyard Ave On-Ramp	94654	0.20	1419	113	1532	20	20	289	23	312
353	2045	ALT3	WB	NT	Ramp	OFF	4th St Off-Ramp/Grove Ave	2731497	0.25	3117	126	3243	29	29	788	32	820
354	2045	ALT3	WB	NT	Ramp	ON	4th St On-Ramp	2731498	0.26	3849	241	4090	19	19	991	62	1053
355	2045	ALT3	WB	NT	Ramp	OFF	7th St Off-Ramp	94628	0.20	2167	103	2270	26	26	440	21	461
356	2045	ALT3	WB	NT	Ramp	ON	Euclid Ave Loop On-Ramp	1658015	0.24	1308	88	1396	19	19	312	21	333
357	2045	ALT3	WB	NT	Ramp	ON	Euclid Ave On-Ramp	94624	0.38	2197	95	2292	18	18	830	36	866
358	2045	ALT3	WB	NT	Ramp	OFF	Mountain Ave Off-Ramp	94621	0.14	3366	180	3546	24	24	468	25	493

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
359	2045	ALT3	WB	NT	Ramp	ON	Mountain Ave On-Ramp	2668753	0.20	2558	118	2676	18	18	520	24	544
360	2045	ALT3	WB	NT	Ramp	OFF	Central Ave Off-Ramp	94638	0.13	2592	145	2737	26	26	346	19	365
361	2045	ALT3	WB	NT	Ramp	ON	Central Ave On-Ramp	2668754	0.12	2511	142	2653	18	18	304	17	321
362	2045	ALT3	WB	NT	Ramp	OFF	Monte Vista Ave Off-Ramp	94641	0.23	1317	102	1419	28	28	298	23	321
363	2045	ALT3	WB	NT	Ramp	ON	Monte Vista Ave On-Ramp	95921	0.33	1928	81	2009	19	19	637	27	664
364	2045	ALT3	WB	NT	HOV		Wabash Ave Off-Ramp to Redlands Blvd/Ford St O		0.40					50			
365	2045	ALT3	WB	NT	HOV		Redlands Blvd/Ford St Off-Ramp to Ford St On-Rar		0.78					50			
366	2045	ALT3	WB	NT	HOT		Ford St On-Ramp to Cypress Av	2731628	0.50	2209		2209	64	50	1101		1101
367	2045	ALT3	WB	NT	HOT		Cypress Ave Off-Ramp to Unive	2731628	0.75	2209		2209	64	50	1655		1655
368	2045	ALT3	WB	NT	HOT		University St On-Ramp to 6th S	2731628	0.38	2209		2209	64	50	838		838
369	2045	ALT3	WB	NT	HOT		6th St Off-Ramp to Orange St L	2731628	0.36	2209		2209	64	50	794		794
370	2045	ALT3	WB	NT	HOT		Orange St Loop On-Ramp to Or	2731626	0.37	2287		2287	64	50	857		857
371	2045	ALT3	WB	NT	HOT		Orange St On-Ramp to SR-210	2731626	0.17	2287		2287	64	50	394		394
372	2045	ALT3	WB	NT	HOT		SR-210 Off-Ramp to Tennessee	2731626	0.27	2287		2287	64	50	610		610
373	2045	ALT3	WB	NT	HOT		Tennessee St Off-Ramp to Alab	2731626	0.17	2287		2287	64	50	399		399
374	2045	ALT3	WB	NT	HOT		Alabama St Off-Ramp to SR-21	2731626	0.78	2287		2287	64	50	1790		1790
375	2045	ALT3	WB	NT	HOT		SR-210 SB On-Ramp to Alabam	2731626	0.26	2287		2287	64	50	597		597
376	2045	ALT3	WB	NT	HOT		Alabama St On-Ramp to Califor	2731626	0.12	2287		2287	64	50	278		278
377	2045	ALT3	WB	NT	HOT		California St Off-Ramp to Califc	2731613	0.86	4464		4464	64	50	3848		3848
378	2045	ALT3	WB	NT	HOT		California St On-Ramp to Mour	2731613	0.19	4464		4464	64	50	859		859
379	2045	ALT3	WB	NT	HOT		Mountain View Ave Off-Ramp t	2779137	0.22	3799		3799	64	50	845		845
380	2045	ALT3	WB	NT	HOT		Mountain View Ave On-Ramp t	2779137	0.21	3799		3799	64	50	785		785
381	2045	ALT3	WB	NT	HOT		Tippecanoe Ave Off-Ramp to T	2779137	0.76	3799		3799	64	50	2878		2878
382	2045	ALT3	WB	NT	HOT		Tippecanoe Ave On-Ramp to H	2779137	0.11	3799		3799	64	50	424		424
383	2045	ALT3	WB	NT	HOT		Hospitality Ln/ Carnegie Dr Off	2779137	0.48	3799		3799	64	50	1808		1808
384	2045	ALT3	WB	NT	HOT		Hospitality Ln/ Carnegie Dr On-	2779137	0.28	3799		3799	64	50	1070		1070
385	2045	ALT3	WB	NT	HOT		I-215 NB Off-Ramp to Sunwest	2779137	0.70	3799		3799	64	50	2669		2669
386	2045	ALT3	WB	NT	HOT		Sunwest Ln On-Ramp to I-215 I	2779137	0.21	3799		3799	64	50	795		795
387	2045	ALT3	WB	NT	HOT		I-215 NB On-Ramp to I-215 SB	2779137	0.18	3799		3799	64	50	695		695
388	2045	ALT3	WB	NT	HOT		I-215 SB On-Ramp to Sperry Dr	2779137	0.19	3799		3799	64	50	704		704
389	2045	ALT3	WB	NT	HOT		Sperry Dr/Valley Blvd Off-Ramp	2779137	0.73	3799		3799	64	50	2760		2760
390	2045	ALT3	WB	NT	HOT		Mt Vernon Ave On-Ramp to 9t	2779131	0.05	4550		4550	64	50	211		211
391	2045	ALT3	WB	NT	HOT		9th St Off-Ramp to La Cadena I	2779131	0.62	4550		4550	64	50	2819		2819
392	2045	ALT3	WB	NT	HOT		La Cadena Dr On-Ramp to Ranc	2779131	0.09	4550		4550	64	50	401		401
393	2045	ALT3	WB	NT	HOT		Rancho Ave Off-Ramp to Ranch	2779131	0.58	4550		4550	64	50	2658		2658
394	2045	ALT3	WB	NT	HOT		Rancho Ave On-Ramp to Peppe	2779131	0.42	4550		4550	64	50	1896		1896
395	2045	ALT3	WB	NT	HOT		Pepper Ave Off-Ramp to Peppe	2779131	0.59	4550		4550	64	50	2706		2706
396	2045	ALT3	WB	NT	HOT		Pepper Ave On-Ramp to Rivers	2779131	0.17	4550		4550	64	50	775		775
397	2045	ALT3	WB	NT	HOT		Riverside Ave Off-Ramp to Rive	2779131	0.59	4550		4550	64	50	2685		2685
398	2045	ALT3	WB	NT	HOT		Riverside Ave On-Ramp to Ced	2779131	0.85	4550		4550	64	50	3880		3880
399	2045	ALT3	WB	NT	HOT		Cedar Ave Off-Ramp to Cedar A	2779131	0.73	4550		4550	64	50	3306		3306
400	2045	ALT3	WB	NT	HOT		Cedar Ave On-Ramp to Alder A	2779131	0.52	4550		4550	64	50	2384		2384
401	2045	ALT3	WB	NT	HOT		Alder Ave Off-Ramp to Alder A	2731555	0.38	4550		4550	64	50	1707		1707
402	2045	ALT3	WB	NT	HOT		Alder Ave On-Ramp to Alder Av	2731555	0.36	4550		4550	64	50	1646		1646
403	2045	ALT3	WB	NT	HOT		Sierra Ave Off-Ramp to Sierra A	2731555	0.69	4436		4436	64	50	3060		3060
404	2045	ALT3	WB	NT	HOT		Sierra Ave On-Ramp to Citrus A	2731555	0.39	4436		4436	64	50	1729		1729
405	2045	ALT3	WB	NT	HOT		Citrus Ave Off-Ramp to Citrus A	2731555	0.54	4436		4436	64	50	2391		2391
406	2045	ALT3	WB	NT	HOT		Citrus Ave On-Ramp to Beach (	2731555	0.42	4436		4436	64	50	1855		1855
407	2045	ALT3	WB	NT	HOT		Beach Ave Off-Ramp to Beach	2731555	0.63	4436		4436	64	50	2797		2797

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
408	2045	ALT3	WB	NT	HOT		Beach Ave On-Ramp to Cherry	2731555	0.39	4436		4436	64	50	1750		1750
409	2045	ALT3	WB	NT	HOT		Cherry Off-Ramp to Cherry On-	2731555	0.55	4436		4436	64	50	2442		2442
410	2045	ALT3	WB	NT	HOT		Cherry On-Ramp to Etiwanda A	2779119	1.27	4839		4839	64	50	6136		6136
411	2045	ALT3	WB	NT	HOT		Etiwanda Ave Off-Ramp to Etiv	2779119	0.68	4839		4839	64	50	3286		3286
412	2045	ALT3	WB	NT	HOT		Etiwanda Ave Loop On-Ramp t	2779119	0.26	4839		4839	64	50	1260		1260
413	2045	ALT3	WB	NT	HOT		Etiwanda Ave On-Ramp to I-15	2779119	0.13	4839		4839	64	50	644		644
414	2045	ALT3	WB	NT	HOT		I-15 Off-Ramp to I-15 SB On-Ra	2779119	0.57	4839		4839	64	50	2745		2745
415	2045	ALT3	WB	NT	HOT		I-15 SB On-Ramp to I-15 NB On	2779119	0.13	4839		4839	64	50	643		643
416	2045	ALT3	WB	NT	HOT		I-15 NB On-Ramp to Milliken A	2779119	0.02	4839		4839	64	50	100		100
417	2045	ALT3	WB	NT	HOT		Milliken Ave Off-Ramp to Millik	2779119	0.58	4839		4839	64	50	2808		2808
418	2045	ALT3	WB	NT	HOT		Milliken Ave On-Ramp to Have	2779119	0.25	4839		4839	64	50	1208		1208
419	2045	ALT3	WB	NT	HOT		Haven Ave Off-Ramp to Haven	2779119	0.41	4839		4839	64	50	1990		1990
420	2045	ALT3	WB	NT	HOT		Haven Ave Loop On-Ramp to H	2779113	0.29	7163		7163	64	50	2068		2068
421	2045	ALT3	WB	NT	HOT		Haven Ave On-Ramp to Archiba	2779113	0.27	7163		7163	64	50	1958		1958
422	2045	ALT3	WB	NT	HOT		Archibald Ave Off-Ramp to Hol	2779113	0.32	7163		7163	64	50	2324		2324
423	2045	ALT3	WB	NT	HOT		Holt Blvd Off-Ramp to Archibal	2779113	0.63	7163		7163	64	50	4481		4481
424	2045	ALT3	WB	NT	HOT		Archibald Ave On-Ramp to Vine	2779113	0.15	7163		7163	64	50	1096		1096
425	2045	ALT3	WB	NT	HOT		Vineyard Ave Off-Ramp to Vine	2779113	0.36	7163		7163	64	50	2590		2590
426	2045	ALT3	WB	NT	HOT		Vineyard Ave Loop On-Ramp to	2779113	0.19	7163		7163	64	50	1363		1363
427	2045	ALT3	WB	NT	HOT		Vineyard Ave On-Ramp to 4th S	2779113	0.36	7163		7163	64	50	2607		2607
428	2045	ALT3	WB	NT	HOT		4th St Off-Ramp to 4th St On-R	2779113	0.39	7163		7163	64	50	2783		2783
429	2045	ALT3	WB	NT	HOT		4th St On-Ramp to 7th St Off-R	2779113	0.26	7163		7163	64	50	1856		1856
430	2045	ALT3	WB	NT	HOT		7th St Off-Ramp to Euclid Ave I	2779107	0.40	7082		7082	64	50	2822		2822
431	2045	ALT3	WB	NT	HOT		Euclid Ave Loop On-Ramp to Eu	2779107	0.36	7082		7082	64	50	2543		2543
432	2045	ALT3	WB	NT	HOT		Euclid Ave On-Ramp to Mounta	2779107	0.42	7082		7082	64	50	2995		2995
433	2045	ALT3	WB	NT	HOT		Mountain Ave Off-Ramp to Mo	2760177	0.33	8470		8470	63	50	2765		2765
434	2045	ALT3	WB	NT	HOT		Mountain Ave On-Ramp to Cer	2760177	0.27	8470		8470	63	50	2324		2324
435	2045	ALT3	WB	NT	HOT		Central Ave Off-Ramp to Centr	2760177	0.53	8470		8470	63	50	4459		4459
436	2045	ALT3	WB	NT	HOT		Central Ave On-Ramp to Monte	2760177	0.05	8470		8470	63	50	427		427
437	2045	ALT3	WB	NT	HOT		Monte Vista Ave Off-Ramp to M	2760177	0.56	8470		8470	63	50	4743		4743
438	2012	EXT	OVR	AM	Overcrossing		Mountain Ave	120540	0.068	7,445	26	7,471	26.5	27	505	2	507
439	2012	EXT	OVR	AM	Overcrossing		Vineyard Ave	99890	0.098	4,917	108	5,025	28.1	28	481	11	492
440	2012	EXT	OVR	AM	Overcrossing		Archibold Ave	1656575	0.140	4,808	30	4,838	30.6	31	673	4	677
441	2012	EXT	OVR	AM	Overcrossing		Haven Ave	99907	0.076	6,652	80	6,732	28.6	29	505	6	511
442	2012	EXT	OVR	AM	Overcrossing		Milliken Ave	129071	0.176	6,285	98	6,383	30.2	30	1,107	17	1,124
443	2012	EXT	OVR	AM	Overcrossing		Etiwanda Ave	1658024	0.128	4,155	89	4,244	35.6	36	532	11	543
444	2012	EXT	OVR	AM	Overcrossing		Cherry Ave	121769	0.059	7,183	117	7,300	29.4	29	421	7	428
445	2012	EXT	OVR	AM	Overcrossing		Sierra Ave	1656589	0.109	7,978	35	8,013	27.0	27	872	4	876
446	2012	EXT	OVR	AM	Overcrossing		Cedar Ave	99932	0.075	6,210	42	6,252	24.3	24	467	3	470
447	2012	EXT	OVR	AM	Overcrossing		Riverside Ave	122417	0.057	6,458	44	6,502	31.1	31	365	2	367
448	2012	EXT	OVR	AM	Overcrossing		Mountain View	120669	0.059	3,797	27	3,824	31.9	32	224	2	226
449	2012	EXT	OVR	AM	Overcrossing		Mount Vernon Ave	100116	0.104	1,981	11	1,992	30.1	30	207	1	208
438	2012	EXT	OVR	MD	Overcrossing		Mountain Ave	120540	0.068	13,565	67	13,632	28.0	28	920	5	925
439	2012	EXT	OVR	MD	Overcrossing		Vineyard Ave	99890	0.098	9,417	328	9,745	25.7	26	921	32	953
440	2012	EXT	OVR	MD	Overcrossing		Archibold Ave	1656575	0.140	7,700	73	7,773	30.6	31	1,077	10	1,087
441	2012	EXT	OVR	MD	Overcrossing		Haven Ave	99907	0.076	11,538	204	11,742	29.8	30	876	15	891
442	2012	EXT	OVR	MD	Overcrossing		Milliken Ave	129071	0.176	12,846	221	13,067	29.3	29	2,264	39	2,303
443	2012	EXT	OVR	MD	Overcrossing		Etiwanda Ave	1658024	0.128	6,815	234	7,049	36.5	36	872	30	902
444	2012	EXT	OVR	MD	Overcrossing		Cherry Ave	121769	0.059	11,503	312	11,815	31.4	31	674	18	692

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
445	2012	EXT	OVR	MD	Overcrossing		Sierra Ave	1656589	0.109	14,273	98	14,371	27.3	27	1,560	11	1,571
446	2012	EXT	OVR	MD	Overcrossing		Cedar Ave	99932	0.075	10,429	119	10,548	24.4	24	785	9	794
447	2012	EXT	OVR	MD	Overcrossing		Riverside Ave	122417	0.057	11,489	111	11,600	30.7	31	650	6	656
448	2012	EXT	OVR	MD	Overcrossing		Mountain View	120669	0.059	6,241	64	6,305	33.3	33	369	4	373
449	2012	EXT	OVR	MD	Overcrossing		Mount Vernon Ave	100116	0.104	3,532	25	3,557	30.2	30	369	3	372
438	2012	EXT	OVR	PM	Overcrossing		Mountain Ave	120540	0.068	11,538	31	11,569	24.5	25	783	2	785
439	2012	EXT	OVR	PM	Overcrossing		Vineyard Ave	99890	0.098	8,345	158	8,503	20.9	21	816	15	831
440	2012	EXT	OVR	PM	Overcrossing		Archibold Ave	1656575	0.140	9,341	54	9,395	25.1	25	1,307	8	1,315
441	2012	EXT	OVR	PM	Overcrossing		Haven Ave	99907	0.076	12,792	140	12,932	26.4	26	971	11	982
442	2012	EXT	OVR	PM	Overcrossing		Milliken Ave	129071	0.176	10,934	162	11,096	26.8	27	1,927	29	1,956
443	2012	EXT	OVR	PM	Overcrossing		Etiwanda Ave	1658024	0.128	7,670	150	7,820	31.3	31	981	19	1,000
444	2012	EXT	OVR	PM	Overcrossing		Cherry Ave	121769	0.059	11,360	162	11,522	23.5	23	666	9	675
445	2012	EXT	OVR	PM	Overcrossing		Sierra Ave	1656589	0.109	14,098	58	14,156	23.5	24	1,541	6	1,547
446	2012	EXT	OVR	PM	Overcrossing		Cedar Ave	99932	0.075	10,497	65	10,562	15.9	16	790	5	795
447	2012	EXT	OVR	PM	Overcrossing		Riverside Ave	122417	0.057	10,884	71	10,955	24.7	25	615	4	619
448	2012	EXT	OVR	PM	Overcrossing		Mountain View	120669	0.059	5,927	40	5,967	32.1	32	350	2	352
449	2012	EXT	OVR	PM	Overcrossing		Mount Vernon Ave	100116	0.104	3,312	17	3,329	29.2	29	346	2	348
438	2012	EXT	OVR	NT	Overcrossing		Mountain Ave	120540	0.068	8,896	109	9,005	34.8	35	603	7	610
439	2012	EXT	OVR	NT	Overcrossing		Vineyard Ave	99890	0.098	5,581	195	5,776	31.2	31	546	19	565
440	2012	EXT	OVR	NT	Overcrossing		Archibold Ave	1656575	0.140	3,107	33	3,140	34.3	34	435	5	440
441	2012	EXT	OVR	NT	Overcrossing		Haven Ave	99907	0.076	6,027	254	6,281	31.9	32	457	19	476
442	2012	EXT	OVR	NT	Overcrossing		Milliken Ave	129071	0.176	6,264	284	6,548	33.4	33	1,104	50	1,154
443	2012	EXT	OVR	NT	Overcrossing		Etiwanda Ave	1658024	0.128	3,467	283	3,750	40.1	40	444	36	480
444	2012	EXT	OVR	NT	Overcrossing		Cherry Ave	121769	0.059	7,073	404	7,477	38.7	39	414	24	438
445	2012	EXT	OVR	NT	Overcrossing		Sierra Ave	1656589	0.109	7,647	123	7,770	31.5	32	836	13	849
446	2012	EXT	OVR	NT	Overcrossing		Cedar Ave	99932	0.075	6,005	175	6,180	30.3	30	452	13	465
447	2012	EXT	OVR	NT	Overcrossing		Riverside Ave	122417	0.057	6,519	153	6,672	36.2	36	369	9	378
448	2012	EXT	OVR	NT	Overcrossing		Mountain View	120669	0.059	3,513	81	3,594	36.2	36	208	5	213
449	2012	EXT	OVR	NT	Overcrossing		Mount Vernon Ave	100116	0.104	1,758	34	1,792	31.4	31	184	4	188
438	2035	ALT1	OVR	AM	Overcrossing		Mountain Ave	120540	0.07	8170	25	8195	27	27	554	2	556
439	2035	ALT1	OVR	AM	Overcrossing		Vineyard Ave	99890	0.10	8060	59	8119	27	27	788	6	794
440	2035	ALT1	OVR	AM	Overcrossing		Archibold Ave	1656575	0.14	4545	46	4591	33	33	636	6	642
441	2035	ALT1	OVR	AM	Overcrossing		Haven Ave	99907	0.08	9917	91	10008	28	28	753	7	760
442	2035	ALT1	OVR	AM	Overcrossing		Milliken Ave	129071	0.18	7678	121	7799	31	31	1353	21	1374
443	2035	ALT1	OVR	AM	Overcrossing		Etiwanda Ave	1658024	0.13	4392	81	4473	37	37	562	10	572
444	2035	ALT1	OVR	AM	Overcrossing		Cherry Ave	121769	0.06	9285	118	9403	35	35	544	7	551
445	2035	ALT1	OVR	AM	Overcrossing		Sierra Ave	1656589	0.11	8103	40	8143	31	31	886	4	890
446	2035	ALT1	OVR	AM	Overcrossing		Cedar Ave	99932	0.08	7352	57	7409	28	28	553	4	557
447	2035	ALT1	OVR	AM	Overcrossing		Riverside Ave	122417	0.06	10215	57	10272	34	34	578	3	581
448	2035	ALT1	OVR	AM	Overcrossing		Mountain View	120669	0.06	4538	41	4579	31	31	268	2	270
449	2035	ALT1	OVR	AM	Overcrossing		Mount Vernon Ave	100116	0.10	3176	13	3189	31	31	332	1	333
438	2035	ALT1	OVR	MD	Overcrossing		Mountain Ave	120540	0.07	14650	75	14725	29	29	994	5	999
439	2035	ALT1	OVR	MD	Overcrossing		Vineyard Ave	99890	0.10	14238	181	14419	26	26	1392	18	1410
440	2035	ALT1	OVR	MD	Overcrossing		Archibold Ave	1656575	0.14	7097	125	7222	33	33	993	17	1010
441	2035	ALT1	OVR	MD	Overcrossing		Haven Ave	99907	0.08	15588	274	15862	28	28	1183	21	1204
442	2035	ALT1	OVR	MD	Overcrossing		Milliken Ave	129071	0.18	14147	337	14484	30	30	2493	59	2552
443	2035	ALT1	OVR	MD	Overcrossing		Etiwanda Ave	1658024	0.13	8193	291	8484	35	35	1048	37	1085
444	2035	ALT1	OVR	MD	Overcrossing		Cherry Ave	121769	0.06	14143	378	14521	35	35	829	22	851
445	2035	ALT1	OVR	MD	Overcrossing		Sierra Ave	1656589	0.11	13937	110	14047	31	31	1524	12	1536

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
446	2035	ALT1	OVR	MD	Overcrossing		Cedar Ave	99932	0.08	11710	155	11865	28	28	881	12	893
447	2035	ALT1	OVR	MD	Overcrossing		Riverside Ave	122417	0.06	16433	151	16584	34	34	929	9	938
448	2035	ALT1	OVR	MD	Overcrossing		Mountain View	120669	0.06	10128	131	10259	30	30	598	8	606
449	2035	ALT1	OVR	MD	Overcrossing		Mount Vernon Ave	100116	0.10	5943	31	5974	31	31	620	3	623
438	2035	ALT1	OVR	PM	Overcrossing		Mountain Ave	120540	0.07	13163	43	13206	24	24	893	3	896
439	2035	ALT1	OVR	PM	Overcrossing		Vineyard Ave	99890	0.10	12410	91	12501	23	23	1214	9	1223
440	2035	ALT1	OVR	PM	Overcrossing		Archibold Ave	1656575	0.14	7976	69	8045	28	28	1116	10	1126
441	2035	ALT1	OVR	PM	Overcrossing		Haven Ave	99907	0.08	15556	167	15723	23	23	1181	13	1194
442	2035	ALT1	OVR	PM	Overcrossing		Milliken Ave	129071	0.18	13761	178	13939	26	26	2425	31	2456
443	2035	ALT1	OVR	PM	Overcrossing		Etiwanda Ave	1658024	0.13	8618	136	8754	28	28	1102	17	1119
444	2035	ALT1	OVR	PM	Overcrossing		Cherry Ave	121769	0.06	14128	115	14243	29	29	828	7	835
445	2035	ALT1	OVR	PM	Overcrossing		Sierra Ave	1656589	0.11	12964	53	13017	28	28	1417	6	1423
446	2035	ALT1	OVR	PM	Overcrossing		Cedar Ave	99932	0.08	13126	89	13215	20	20	988	7	995
447	2035	ALT1	OVR	PM	Overcrossing		Riverside Ave	122417	0.06	15762	97	15859	29	29	891	5	896
448	2035	ALT1	OVR	PM	Overcrossing		Mountain View	120669	0.06	10019	82	10101	26	26	592	5	597
449	2035	ALT1	OVR	PM	Overcrossing		Mount Vernon Ave	100116	0.10	5711	22	5733	29	29	596	2	598
438	2035	ALT1	OVR	NT	Overcrossing		Mountain Ave	120540	0.07	10138	121	10259	36	36	688	8	696
439	2035	ALT1	OVR	NT	Overcrossing		Vineyard Ave	99890	0.10	7294	252	7546	31	31	713	25	738
440	2035	ALT1	OVR	NT	Overcrossing		Archibold Ave	1656575	0.14	4080	135	4215	36	36	571	19	590
441	2035	ALT1	OVR	NT	Overcrossing		Haven Ave	99907	0.08	8783	359	9142	32	32	667	27	694
442	2035	ALT1	OVR	NT	Overcrossing		Milliken Ave	129071	0.18	6065	407	6472	35	35	1069	72	1141
443	2035	ALT1	OVR	NT	Overcrossing		Etiwanda Ave	1658024	0.13	3741	369	4110	40	40	479	47	526
444	2035	ALT1	OVR	NT	Overcrossing		Cherry Ave	121769	0.06	10353	526	10879	40	40	607	31	638
445	2035	ALT1	OVR	NT	Overcrossing		Sierra Ave	1656589	0.11	8543	170	8713	33	33	934	19	953
446	2035	ALT1	OVR	NT	Overcrossing		Cedar Ave	99932	0.08	6629	195	6824	32	32	499	15	514
447	2035	ALT1	OVR	NT	Overcrossing		Riverside Ave	122417	0.06	9337	210	9547	37	37	528	12	540
448	2035	ALT1	OVR	NT	Overcrossing		Mountain View	120669	0.06	5944	177	6121	35	35	351	10	361
449	2035	ALT1	OVR	NT	Overcrossing		Mount Vernon Ave	100116	0.10	2652	35	2687	34	34	277	4	281
438	2035	ALT2	OVR	AM	Overcrossing		Mountain Ave	120540	0.07	8242	28	8270	27	27	559	2	561
439	2035	ALT2	OVR	AM	Overcrossing		Vineyard Ave	99890	0.10	8306	59	8365	27	27	812	6	818
440	2035	ALT2	OVR	AM	Overcrossing		Archibold Ave	1656575	0.14	4824	46	4870	32	32	675	6	681
441	2035	ALT2	OVR	AM	Overcrossing		Haven Ave	99907	0.08	10556	86	10642	27	27	801	7	808
442	2035	ALT2	OVR	AM	Overcrossing		Milliken Ave	129071	0.18	7367	118	7485	32	32	1298	21	1319
443	2035	ALT2	OVR	AM	Overcrossing		Etiwanda Ave	1658024	0.13	4678	86	4764	36	36	598	11	609
444	2035	ALT2	OVR	AM	Overcrossing		Cherry Ave	121769	0.06	9140	124	9264	35	35	535	7	542
445	2035	ALT2	OVR	AM	Overcrossing		Sierra Ave	1656589	0.11	8085	42	8127	31	31	884	5	889
446	2035	ALT2	OVR	AM	Overcrossing		Cedar Ave	99932	0.08	7254	60	7314	28	28	546	5	551
447	2035	ALT2	OVR	AM	Overcrossing		Riverside Ave	122417	0.06	10251	58	10309	34	34	580	3	583
448	2035	ALT2	OVR	AM	Overcrossing		Mountain View	120669	0.06	5010	47	5057	30	30	296	3	299
449	2035	ALT2	OVR	AM	Overcrossing		Mount Vernon Ave	100116	0.10	3318	13	3331	31	31	346	1	347
438	2035	ALT2	OVR	MD	Overcrossing		Mountain Ave	120540	0.07	14715	86	14801	28	28	998	6	1004
439	2035	ALT2	OVR	MD	Overcrossing		Vineyard Ave	99890	0.10	14708	183	14891	26	26	1438	18	1456
440	2035	ALT2	OVR	MD	Overcrossing		Archibold Ave	1656575	0.14	7316	119	7435	33	33	1024	17	1041
441	2035	ALT2	OVR	MD	Overcrossing		Haven Ave	99907	0.08	17193	240	17433	27	27	1305	18	1323
442	2035	ALT2	OVR	MD	Overcrossing		Milliken Ave	129071	0.18	13870	351	14221	31	31	2444	62	2506
443	2035	ALT2	OVR	MD	Overcrossing		Etiwanda Ave	1658024	0.13	8132	285	8417	35	35	1040	36	1076
444	2035	ALT2	OVR	MD	Overcrossing		Cherry Ave	121769	0.06	13998	401	14399	36	36	820	23	843
445	2035	ALT2	OVR	MD	Overcrossing		Sierra Ave	1656589	0.11	13855	116	13971	31	31	1515	13	1528
446	2035	ALT2	OVR	MD	Overcrossing		Cedar Ave	99932	0.08	11548	161	11709	28	28	869	12	881

Traffic Data by Traffic Link, Year, Link Type, Timer Period, and Truck/Non-Tuck

Segment ID	Year	Alternative	Bound	TimePeriod	Mainline/Ramp	on/off	Freeway Segment	TransCAD Link ID	Distance	NonTrucks	Trucks	Total Veh	Speed (mph)	Truck Speed (mph)	VMT Nontruck (mile)	VMT truck (mile)	VMT Total (mile)
447	2035	ALT2	OVR	MD	Overcrossing		Riverside Ave	122417	0.06	16441	153	16594	34	34	929	9	938
448	2035	ALT2	OVR	MD	Overcrossing		Mountain View	120669	0.06	10189	134	10323	30	30	602	8	610
449	2035	ALT2	OVR	MD	Overcrossing		Mount Vernon Ave	100116	0.10	6537	32	6569	31	31	682	3	685
438	2035	ALT2	OVR	PM	Overcrossing		Mountain Ave	120540	0.07	13228	41	13269	23	23	897	3	900
439	2035	ALT2	OVR	PM	Overcrossing		Vineyard Ave	99890	0.10	12779	90	12869	23	23	1250	9	1259
440	2035	ALT2	OVR	PM	Overcrossing		Archibold Ave	1656575	0.14	8783	60	8843	28	28	1229	8	1237
441	2035	ALT2	OVR	PM	Overcrossing		Haven Ave	99907	0.08	16670	147	16817	22	22	1265	11	1276
442	2035	ALT2	OVR	PM	Overcrossing		Milliken Ave	129071	0.18	13642	173	13815	26	26	2404	30	2434
443	2035	ALT2	OVR	PM	Overcrossing		Etiwanda Ave	1658024	0.13	8815	139	8954	28	28	1128	18	1146
444	2035	ALT2	OVR	PM	Overcrossing		Cherry Ave	121769	0.06	14054	124	14178	29	29	823	7	830
445	2035	ALT2	OVR	PM	Overcrossing		Sierra Ave	1656589	0.11	13245	58	13303	28	28	1448	6	1454
446	2035	ALT2	OVR	PM	Overcrossing		Cedar Ave	99932	0.08	13303	92	13395	19	19	1001	7	1008
447	2035	ALT2	OVR	PM	Overcrossing		Riverside Ave	122417	0.06	16287	102	16389	28	28	921	6	927
448	2035	ALT2	OVR	PM	Overcrossing		Mountain View	120669	0.06	10141	86	10227	26	26	599	5	604
449	2035	ALT2	OVR	PM	Overcrossing		Mount Vernon Ave	100116	0.10	5715	23	5738	29	29	597	2	599
438	2035	ALT2	OVR	NT	Overcrossing		Mountain Ave	120540	0.07	10358	125	10483	36	36	703	8	711
439	2035	ALT2	OVR	NT	Overcrossing		Vineyard Ave	99890	0.10	7202	256	7458	31	31	704	25	729
440	2035	ALT2	OVR	NT	Overcrossing		Archibold Ave	1656575	0.14	4204	136	4340	35	35	588	19	607
441	2035	ALT2	OVR	NT	Overcrossing		Haven Ave	99907	0.08	9673	355	10028	32	32	734	27	761
442	2035	ALT2	OVR	NT	Overcrossing		Milliken Ave	129071	0.18	5734	407	6141	35	35	1010	72	1082
443	2035	ALT2	OVR	NT	Overcrossing		Etiwanda Ave	1658024	0.13	3886	364	4250	40	40	497	47	544
444	2035	ALT2	OVR	NT	Overcrossing		Cherry Ave	121769	0.06	10126	532	10658	40	40	593	31	624
445	2035	ALT2	OVR	NT	Overcrossing		Sierra Ave	1656589	0.11	8251	173	8424	33	33	902	19	921
446	2035	ALT2	OVR	NT	Overcrossing		Cedar Ave	99932	0.08	6476	198	6674	32	32	487	15	502
447	2035	ALT2	OVR	NT	Overcrossing		Riverside Ave	122417	0.06	9296	210	9506	37	37	526	12	538
448	2035	ALT2	OVR	NT	Overcrossing		Mountain View	120669	0.06	6032	176	6208	35	35	356	10	366
449	2035	ALT2	OVR	NT	Overcrossing		Mount Vernon Ave	100116	0.10	3458	35	3493	34	34	361	4	365
438	2035	ALT3	OVR	AM	Overcrossing		Mountain Ave	120540	0.07	8245	24	8269	27	27	559	2	561
439	2035	ALT3	OVR	AM	Overcrossing		Vineyard Ave	99890	0.10	8381	59	8440	27	27	820	6	826
440	2035	ALT3	OVR	AM	Overcrossing		Archibold Ave	1656575	0.14	4710	44	4754	33	33	659	6	665
441	2035	ALT3	OVR	AM	Overcrossing		Haven Ave	99907	0.08	10444	89	10533	28	28	793	7	800
442	2035	ALT3	OVR	AM	Overcrossing		Milliken Ave	129071	0.18	7638	118	7756	32	32	1346	21	1367
443	2035	ALT3	OVR	AM	Overcrossing		Etiwanda Ave	1658024	0.13	4922	84	5006	36	36	630	11	641
444	2035	ALT3	OVR	AM	Overcrossing		Cherry Ave	121769	0.06	9162	124	9286	35	35	537	7	544
445	2035	ALT3	OVR	AM	Overcrossing		Sierra Ave	1656589	0.11	8138	41	8179	31	31	890	4	894
446	2035	ALT3	OVR	AM	Overcrossing		Cedar Ave	99932	0.08	7272	58	7330	28	28	547	4	551
447	2035	ALT3	OVR	AM	Overcrossing		Riverside Ave	122417	0.06	10274	59	10333	34	34	581	3	584
448	2035	ALT3	OVR	AM	Overcrossing		Mountain View	120669	0.06	5065	47	5112	30	30	299	3	302
449	2035	ALT3	OVR	AM	Overcrossing		Mount Vernon Ave	100116	0.10	3266	13	3279	31	31	341	1	342
438	2035	ALT3	OVR	MD	Overcrossing		Mountain Ave	120540	0.07	14862	69	14931	29	29	1008	5	1013
439	2035	ALT3	OVR	MD	Overcrossing		Vineyard Ave	99890	0.10	14961	181	15142	26	26	1463	18	1481
440	2035	ALT3	OVR	MD	Overcrossing		Archibold Ave	1656575	0.14	7094	118	7212	33	33	993	17	1010
441	2035	ALT3	OVR	MD	Overcrossing		Haven Ave	99907	0.08	16138	261	16399	28	28	1225	20	1245
442	2035	ALT3	OVR	MD	Overcrossing		Milliken Ave	129071	0.18	14123	330	14453	31	31	2489	58	2547
443	2035	ALT3	OVR	MD	Overcrossing		Etiwanda Ave	1658024	0.13	9107	234	9341	34	34	1165	30	1195
444	2035	ALT3	OVR	MD	Overcrossing		Cherry Ave	121769	0.06	14188	379	14567	35	35	831	22	853
445	2035	ALT3	OVR	MD	Overcrossing		Sierra Ave	1656589	0.11	13886	110	13996	31	31	1518	12	1530
446	2035	ALT3	OVR	MD	Overcrossing		Cedar Ave	99932	0.08	11833	155	11988	27	27	891	12	903
447	2035	ALT3	OVR	MD	Overcrossing		Riverside Ave	122417	0.06	16659	154	16813	34	34	942	9	951